



## GentleSpace – High-quality, efficient lighting engineered for excellence in tough environments

GentleSpace gen4 is the ultimate lighting solution for industrial settings and indoor sports facilities. It exceeds expectations by ensuring superior light quality, improving employee safety and productivity, and complying with all the relevant safety regulations. Engineered for longevity, GentleSpace gen4 reduces the frequency, hassle, and costs of maintenance, making it ideal for high-ceiling installations. Its energy-efficient design cuts operational expenses, offering maximum application efficiency and an attractive total cost of ownership (TCO). This product range offers a wide variety of optics, beam angles (from very narrow to wide), lumen packages, and connectivity options. With GentleSpace gen4 you can easily create a tailor-made lighting solution for every high-ceiling application. Its modern, flat design makes it easier to install, clean, and maintain. The single optical window design provides superior visual performance. A variety of mounting possibilities and connectors, like the pre-mounted IP65 connector, enable quick and easy installation. The robust design

allows to withstand harsh conditions in all sorts of environments. You can choose between various cover materials, including specialized variants for extreme temperatures (XT), hazardous areas (ATEX 2/22), and sports applications. Additionally, GentleSpace gen4 offers advanced connectivity options. It's ready to use in connected lighting systems like Interact. Reliable, high-efficiency lighting with smart connectivity – a bright choice for a better future. Embrace sustainability with GentleSpace gen4, the highbay lighting solution that complies with the principles of the circular economy by prioritizing durability and recyclability. The luminaire is serviceable, with all the information available at your fingertips via the Signify Service tag app. Whether you are looking for a reliable “fit and forget” solution or one that can be adapted and controlled after installation, GentleSpace gen4 is the right choice for you.

## Benefits

- Robust design, created to withstand harsh conditions in all sorts of environments
- Compact product architecture, resistant to high impact (IK08), water, and dust (IP65)
- Excellent light uniformity and low glare for optimized working conditions with improved safety and greater visual comfort
- Attractive total cost of ownership thanks to its high luminous efficacy (up to 189 lm/W), long lifetime (100,000 hours @L85), and optimized lighting plan that requires fewer luminaires per application
- Easy installation. Single-piece, lighter architecture (approximately 20% lighter than the previous generation) with multiple mounting options for flexible installation in various environments and conditions
- Interact Ready connectivity for smart lighting. Connect to the cloud and discover additional ways to save energy through optimized efficiency, motion sensing and daylight harvesting, as well as improved lighting management, productivity, and safety
- Engineered with sustainability in mind. Meets lighting for circularity criteria to help you achieve your sustainability goals

## Applications

- Manufacturing sites (from food and beverage to heavy industry)
- Warehouses and logistics centers
- Indoor sports facilities, swimming pools, and exhibition halls

## Features

- Exceptional performance with UltraEfficient (UE, 189 lm/W) and High-Efficiency (HE, 183 lm/W) versions
- Long service life of 100,000 hours at L85
- High water (IP65) and impact protection (IK08)
- Wide variety of optics (wide beam/medium beam/narrow beam/extra narrow beam/high-rack/asymmetrical)
- Special options for a broad range of applications: Extreme version (XT) up to 70°C, Safety Class I or II, swimming pool protected version (SWP), marine protection (MSP), VDE certified ball-proof (BP) option, ATEX 2/22 certified version. Tested against a broad list of chemical substances that may be present in industrial settings
- Detachable mounting system for easy installation, including various mounting options and connectors (IP65 pre-mounted connector, or fly-wire cable)
- Robust, die-cast aluminum housing with efficient thermal management and flat front and rear design for easy installation, cleaning, and maintenance
- Single LED module design for superior light quality
- Access to the Signify Service tag app with service and maintenance information

**Versions**



GentleSpace gen4-large,  
suspension



GentleSpace gen4-large,  
bracket, Interact ready



GentleSpace gen4-large,  
suspension, Interact ready



GentleSpace gen4-small,  
bracket, Interact ready



GentleSpace gen4-large, wall-  
bracket



GentleSpace gen4-small,  
suspension



GentleSpace gen4-small,  
bracket



GentleSpace gen4-large,  
bracket



GentleSpace gen4



GentleSpace gen4-small, wall-  
bracket



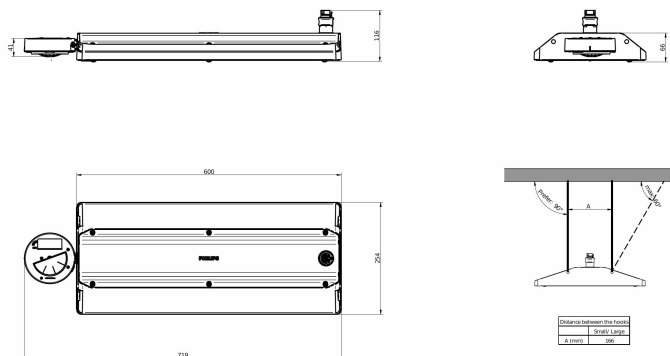
GentleSpace gen4-large,  
suspension



GentleSpace gen4, Interact  
Ready

## Dimensional drawing

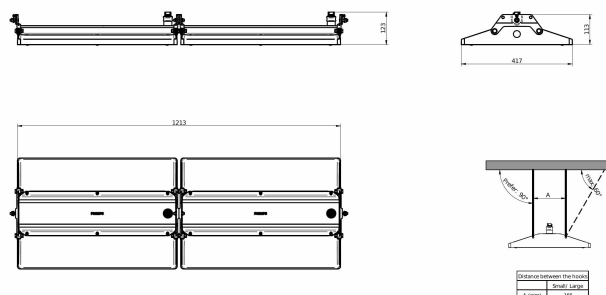
BY580X suspended



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY580X 130S/840 SIA WB GC SI H4

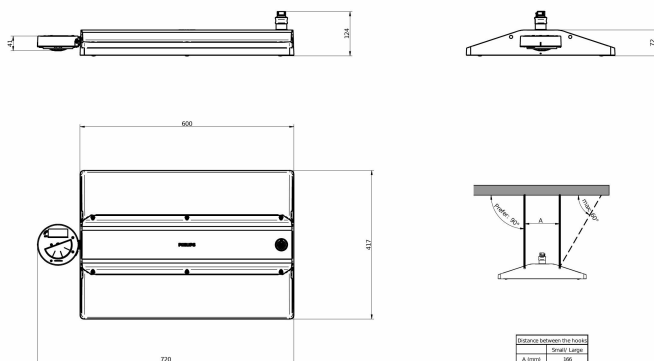
700s suspended



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY581P 700S/840 DIA WB GC SI

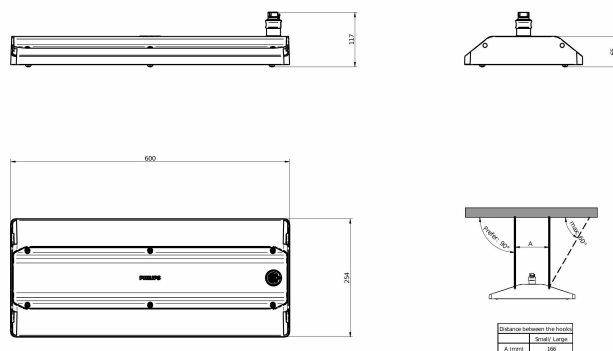
BY581X suspended



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY581X 350S/840 SIA HE WB GC SI H4

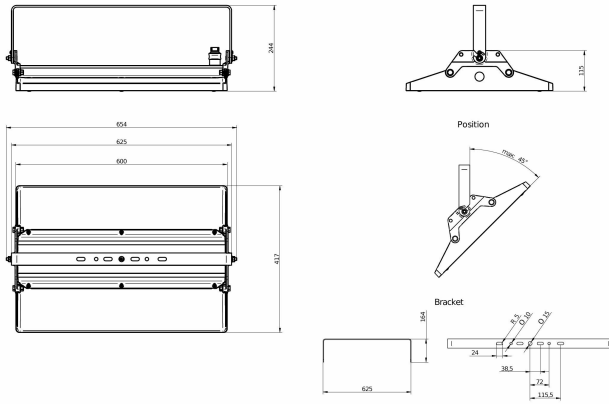
BY580P, BY582P suspended



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY580P 170S/840 DIA HRO GC SI

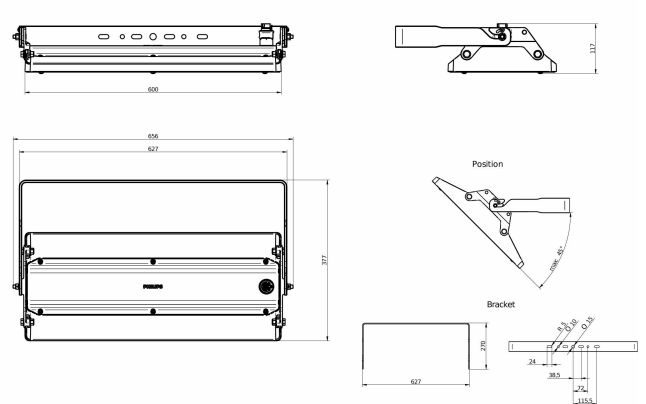
BY581P, BY583P Bracket



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY581P 250S/840 DIA HEWBGCSICHEMMBW1mCW5

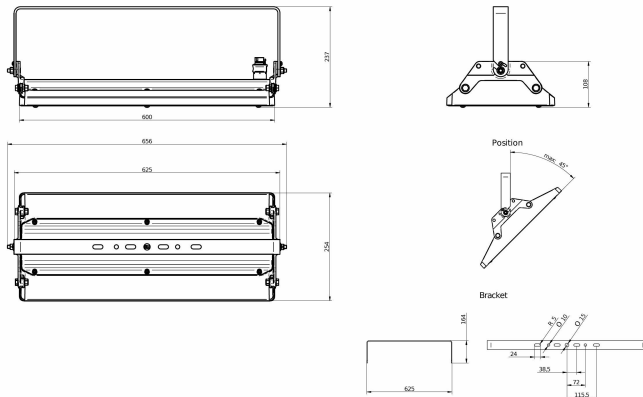
BY580P, BY582P Wallmounted bracket



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY580P 170S/840 DIA ASYM GC SI MBW

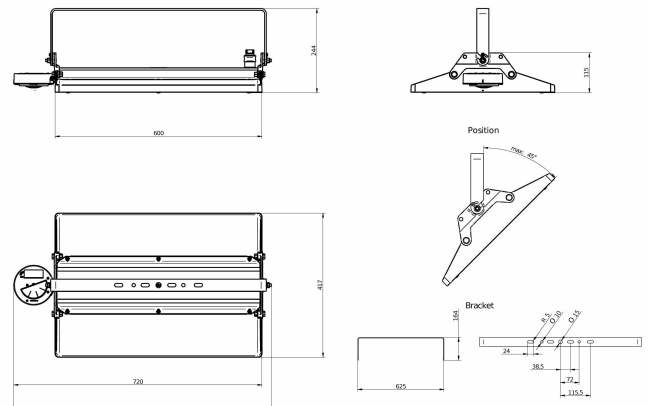
BY580P, BY582P Bracket



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY580P 170S/840 DIA HE WB GC SI BR

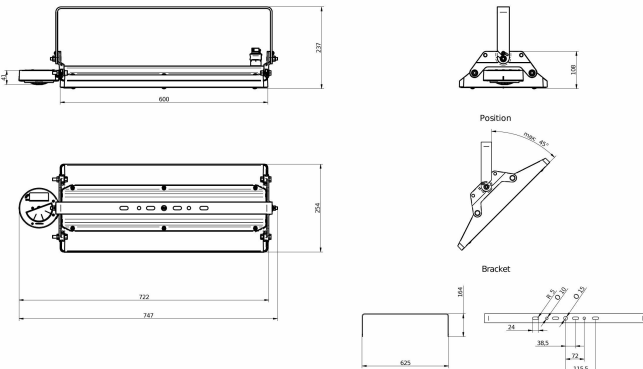
BY581X Bracket



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY581X 250S/840 SIA WB GC SI H4 BR

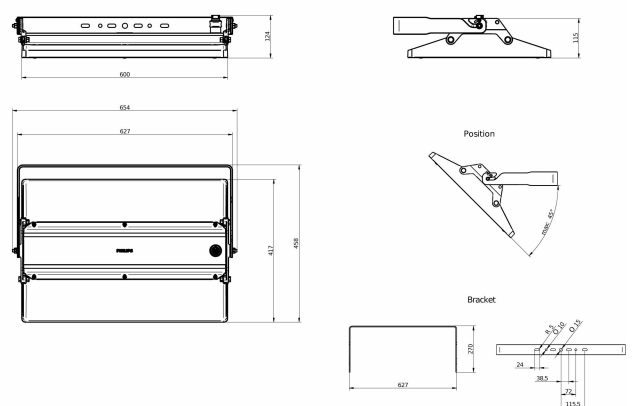
BY580X Bracket



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY580X 170S/840 SIA HE WB GC SI H4 BR

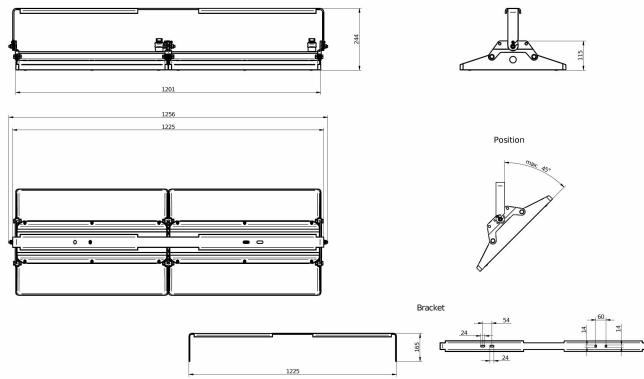
BY581P, BY583P Wallmounted bracket



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY581P 250S/840 DIA ASYM GC SI MBW

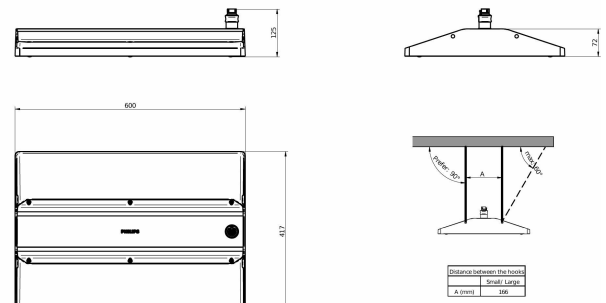
700S Bracket



With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY581P 700S/840 DIA WB GC SI BR

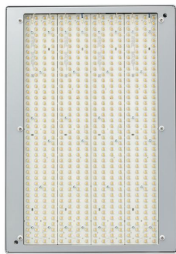
BY581P, BY583P suspended



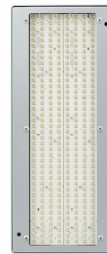
With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY581P 250S/865 DIA HE WB GC SI

## Product details



GentleSpace gen4-large,  
suspension



GentleSpace gen4-small,  
suspension

### General Information

|                      |        |
|----------------------|--------|
| Number of gear units | 1 unit |
| Driver included      | Yes    |
| Service tag          | Yes    |

### Light Technical

|                            |                    |
|----------------------------|--------------------|
| Beam angle of light source | 10 or 24 degree(s) |
|----------------------------|--------------------|

### Operating and Electrical

|                      |                |
|----------------------|----------------|
| Input Voltage        | 220 to 240 V   |
| Line Frequency       | 50 to 60 Hz    |
| Protection class IEC | Safety class I |

### Controls and Dimming

|                   |                    |
|-------------------|--------------------|
| Maximum dim level | 10%                |
| Embedded control  | Sensor SNH (R) 210 |

## Mechanical and Housing

|                         |                                              |
|-------------------------|----------------------------------------------|
| Housing Color           | Silver                                       |
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Explosion hazard class  | Zone 2 and 22                                |

## Emergency Operation

|                                                               |           |
|---------------------------------------------------------------|-----------|
| Rated duration of the emergency lighting (when fully charged) | 3 hour(s) |
| Central Emergency                                             | No        |
| Type of emergency lighting battery                            | Lithium   |

## Approval and Application

|                   |                                           |
|-------------------|-------------------------------------------|
| Flammability mark | For mounting on easily flammable surfaces |
| CE mark           | Yes                                       |
| ENEC mark         | ENEC mark                                 |

## Initial Performance (IEC Compliant)

|                         |        |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

## Light Technical

| Order Code   | Full Product Name                        | Luminous Flux | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Color rendering index (CRI) | Optic type |
|--------------|------------------------------------------|---------------|------------------------------------|---------------------------------|-----------------------------|------------|
| 910505102953 | BY581P 700S/840 DIA WB GC SI             | 70,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam  |
| 910505102954 | BY581P 700S/840 DIA HE WB GC SI          | 70,000 lm     | 4000 K                             | 177 lm/W                        | >80                         | Wide beam  |
| 910505102955 | BY581P 700S/840 DIA WB GC SI BR          | 70,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam  |
| 910505102956 | BY581P 700S/840 DIA HE WB GC SI BR       | 70,000 lm     | 4000 K                             | 177 lm/W                        | >80                         | Wide beam  |
| 910505102865 | BY581X 250S/840 SIA WB GC SI H4 BR       | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam  |
| 910505102866 | BY581X 250S/840 SIA HE WB GC SI H4 BR    | 25,000 lm     | 4000 K                             | 184 lm/W                        | >80                         | Wide beam  |
| 910505102858 | BY581X 250S/840 SIA WB GC SI H4          | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam  |
| 910505102859 | BY581X 350S/840 SIA WB GC SI H4          | 35,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam  |
| 910505102862 | BY581X 250S/840 SIA HE WB GC SI H4       | 25,000 lm     | 4000 K                             | 184 lm/W                        | >80                         | Wide beam  |
| 910505102863 | BY581X 350S/840 SIA HE WB GC SI H4       | 35,000 lm     | 4000 K                             | 177 lm/W                        | >80                         | Wide beam  |
| 910505102868 | BY581X 250S/840 SIA WB GC SI ELP3 H4     | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam  |
| 910505102869 | BY581X 250S/840 SIA WB GC SI ELW3 H4     | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam  |
| 910505102870 | BY581X 250S/840 SIA HE WB GC SI ELP3 H4  | 25,000 lm     | 4000 K                             | 184 lm/W                        | >80                         | Wide beam  |
| 910505102871 | BY581X 250S/840 SIA HE WB GC SI ELW3 H4  | 25,000 lm     | 4000 K                             | 184 lm/W                        | >80                         | Wide beam  |
| 910505102864 | BY580X 170S/840 SIA WB GC SI H4 BR       | 17,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam  |
| 910505102867 | BY580X 170S/840 SIA HE WB GC SI H4 BR    | 17,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Wide beam  |
| 910505104565 | BY581P 250S/840 DIA HEWBGCSICHEMMBW1mCW5 | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Wide beam  |

| Order Code   | Full Product Name                        | Luminous Flux | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Color rendering index (CRI) | Optic type            |
|--------------|------------------------------------------|---------------|------------------------------------|---------------------------------|-----------------------------|-----------------------|
| 910505102872 | BY580P 170S/840 PSU WB GC SI             | 17,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam             |
| 910505102874 | BY580P 170S/840 PSU HE WB GC SI          | 17,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Wide beam             |
| 910505102876 | BY580P 100S/840 DIA UE WB GC SI          | 10,000 lm     | 4000 K                             | 182 lm/W                        | >80                         | Wide beam             |
| 910505102878 | BY580P 130S/840 DIA WB GC SI             | 13,000 lm     | 4000 K                             | 171 lm/W                        | >80                         | Wide beam             |
| 910505102879 | BY580P 170S/840 DIA WB GC SI             | 17,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam             |
| 910505102882 | BY580P 130S/840 DIA HE WB GC SI          | 13,000 lm     | 4000 K                             | 178 lm/W                        | >80                         | Wide beam             |
| 910505102883 | BY580P 170S/840 DIA HE WB GC SI          | 17,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Wide beam             |
| 910505102886 | BY580P 170S/840 DIA WB PC SI             | 17,000 lm     | 4000 K                             | 155 lm/W                        | >80                         | Wide beam             |
| 910505102890 | BY580P 170S/840 DIA HE WB PC SI          | 17,000 lm     | 4000 K                             | 164 lm/W                        | >80                         | Wide beam             |
| 910505102894 | BY580P 170S/840 DIA WB GC SI ELP3        | 17,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam             |
| 910505102896 | BY580P 170S/840 DIA HE WB GC SI ELP3     | 17,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Wide beam             |
| 910505102898 | BY580P 130S/840 DIA MB GC SI             | 13,000 lm     | 4000 K                             | 169 lm/W                        | >80                         | Medium beam           |
| 910505102899 | BY580P 170S/840 DIA MB GC SI             | 17,000 lm     | 4000 K                             | 164 lm/W                        | >80                         | Medium beam           |
| 910505102903 | BY580P 130S/840 DIA HE MB GC SI          | 13,000 lm     | 4000 K                             | 178 lm/W                        | >80                         | Medium beam           |
| 910505102904 | BY580P 170S/840 DIA HE MB GC SI          | 17,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Medium beam           |
| 910505102914 | BY580P 170S/840 DIA NB GC SI             | 17,000 lm     | 4000 K                             | 164 lm/W                        | >80                         | Narrow beam           |
| 910505102916 | BY580P 170S/840 DIA HE NB GC SI          | 17,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Narrow beam           |
| 910505102918 | BY580P 170S/840 DIA XNB GC SI            | 17,000 lm     | 4000 K                             | 164 lm/W                        | >80                         | Narrow beam           |
| 910505102920 | BY580P 170S/840 DIA HE XNB GC SI         | 17,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Narrow beam           |
| 910505102922 | BY580P 170S/840 DIA HRO GC SI            | 17,000 lm     | 4000 K                             | 164 lm/W                        | >80                         | High-rack optic       |
| 910505102924 | BY580P 170S/840 DIA HE HRO GC SI         | 17,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | High-rack optic       |
| 910505102926 | BY580P 170S/865 DIA WB GC SI             | 17,000 lm     | 6500 K                             | 164 lm/W                        | >80                         | Wide beam             |
| 910505102928 | BY580P 170S/865 DIA HE WB GC SI          | 17,000 lm     | 6500 K                             | 172 lm/W                        | >80                         | Wide beam             |
| 910505102930 | BY580P 170S/830 DIA WB GC SI             | 17,000 lm     | 3000 K                             | 155 lm/W                        | >80                         | Wide beam             |
| 910505102932 | BY580P 170S/830 DIA HE WB GC SI          | 17,000 lm     | 3000 K                             | 159 lm/W                        | >80                         | Wide beam             |
| 910505102934 | BY580P 170S/940 DIA WB GC SI             | 17,000 lm     | 4000 K                             | 157 lm/W                        | >90                         | Wide beam             |
| 910505104558 | BY580X 170S/840 SIA WB GC SI IA9         | 17,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam             |
| 910505104560 | BY580X 170S/840 SIA HE WB GC SI ELP3 IA9 | 17,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Wide beam             |
| 910505102910 | BY580P 170S/840 DIA ASYM GC SI MBW       | 17,000 lm     | 4000 K                             | 157 lm/W                        | >80                         | Assymetric Beam angle |
| 910505102912 | BY580P 170S/840 DIA HE ASYM GC SI MBW    | 17,000 lm     | 4000 K                             | 170 lm/W                        | >80                         | Assymetric Beam angle |
| 910505102889 | BY581P 250S/840 DIA WB GC SI BR          | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam             |
| 910505102893 | BY581P 250S/840 DIA HE WB GC SI BR       | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Wide beam             |
| 910505102907 | BY581P 250S/840 DIA ASYM GC SI BR        | 25,000 lm     | 4000 K                             | 165 lm/W                        | >80                         | Assymetric Beam angle |
| 910505102909 | BY581P 250S/840 DIA HE ASYM GC SI BR     | 25,000 lm     | 4000 K                             | 176 lm/W                        | >80                         | Assymetric Beam angle |
| 910505102911 | BY581P 250S/840 DIA ASYM GC SI MBW       | 25,000 lm     | 4000 K                             | 165 lm/W                        | >80                         | Assymetric Beam angle |
| 910505102913 | BY581P 250S/840 DIA HE ASYM GC SI MBW    | 25,000 lm     | 4000 K                             | 176 lm/W                        | >80                         | Assymetric Beam angle |
| 910505102938 | BY581P 350S/840 DIA HE WB GC SI BR XT 1m | 35,000 lm     | 4000 K                             | 177 lm/W                        | >80                         | Wide beam             |
| 910505104551 | BY581P 250S/840 DIA HE WB GC SI MSP BR   | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Wide beam             |

| Order Code   | Full Product Name                        | Luminous Flux | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Color rendering index (CRI) | Optic type            |
|--------------|------------------------------------------|---------------|------------------------------------|---------------------------------|-----------------------------|-----------------------|
| 910505104559 | BY581X 250S/840 SIA WB GC SI IA9         | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam             |
| 910505104561 | BY581X 250S/840 SIA HE WB GC SI ELP3 IA9 | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Wide beam             |
| 910505104563 | BY581P 250S/840 DIA HE WBGCSICHEMBR1mCW5 | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam             |
| 910505102888 | BY580P 170S/840 DIA WB GC SI BR          | 17,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam             |
| 910505102892 | BY580P 170S/840 DIA HE WB GC SI BR       | 17,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Wide beam             |
| 910505102908 | BY580P 170S/840 DIA HE ASYM GC SI BR     | 17,000 lm     | 4000 K                             | 170 lm/W                        | >80                         | Assymetric Beam angle |
| 910505104550 | BY580P 170S/840 DIA HE WB GC SI MSP BR   | 17,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Wide beam             |
| 910505104562 | BY580P 170S/840 DIA HE WBGCSICHEMBR1mCW5 | 17,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam             |
| 910505104564 | BY580P 170S/840 DIA HEWBGCSICHEMMBW1mCW5 | 17,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Wide beam             |
| 910505102873 | BY581P 250S/840 PSU WB GC SI             | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam             |
| 910505102875 | BY581P 250S/840 PSU HE WB GC SI          | 25,000 lm     | 4000 K                             | 184 lm/W                        | >80                         | Wide beam             |
| 910505102877 | BY581P 200S/840 DIA UE WB GC SI          | 20,000 lm     | 4000 K                             | 189 lm/W                        | >80                         | Wide beam             |
| 910505102880 | BY581P 250S/840 DIA WB GC SI             | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam             |
| 910505102881 | BY581P 350S/840 DIA WB GC SI             | 35,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam             |
| 910505102884 | BY581P 250S/840 DIA HE WB GC SI          | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Wide beam             |
| 910505102885 | BY581P 350S/840 DIA HE WB GC SI          | 35,000 lm     | 4000 K                             | 177 lm/W                        | >80                         | Wide beam             |
| 910505102887 | BY581P 250S/840 DIA WB PC SI             | 25,000 lm     | 4000 K                             | 162 lm/W                        | >80                         | Wide beam             |
| 910505102891 | BY581P 250S/840 DIA HE WB PC SI          | 25,000 lm     | 4000 K                             | 171 lm/W                        | >80                         | Wide beam             |
| 910505102895 | BY581P 250S/840 DIA WB GC SI ELD3        | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam             |
| 910505102897 | BY581P 250S/840 DIA HE WB GC SI ELD3     | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Wide beam             |
| 910505102901 | BY581P 250S/840 DIA MB GC SI             | 25,000 lm     | 4000 K                             | 171 lm/W                        | >80                         | Medium beam           |
| 910505102902 | BY581P 350S/840 DIA MB GC SI             | 35,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Medium beam           |
| 910505102905 | BY581P 250S/840 DIA HE MB GC SI          | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Medium beam           |
| 910505102906 | BY581P 350S/840 DIA HE MB GC SI          | 35,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Medium beam           |
| 910505102915 | BY581P 250S/840 DIA NB GC SI             | 25,000 lm     | 4000 K                             | 171 lm/W                        | >80                         | Narrow beam           |
| 910505102917 | BY581P 250S/840 DIA HE NB GC SI          | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Narrow beam           |
| 910505102919 | BY581P 250S/840 DIA XNB GC SI            | 25,000 lm     | 4000 K                             | 171 lm/W                        | >80                         | Narrow beam           |
| 910505102921 | BY581P 250S/840 DIA HE XNB GC SI         | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Narrow beam           |
| 910505102923 | BY581P 250S/840 DIA HRO GC SI            | 25,000 lm     | 4000 K                             | 171 lm/W                        | >80                         | High-rack optic       |
| 910505102925 | BY581P 250S/840 DIA HE HRO GC SI         | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | High-rack optic       |
| 910505102927 | BY581P 250S/865 DIA WB GC SI             | 25,000 lm     | 6500 K                             | 171 lm/W                        | >80                         | Wide beam             |
| 910505102929 | BY581P 250S/865 DIA HE WB GC SI          | 25,000 lm     | 6500 K                             | 179 lm/W                        | >80                         | Wide beam             |
| 910505102931 | BY581P 250S/830 DIA WB GC SI             | 25,000 lm     | 3000 K                             | 162 lm/W                        | >80                         | Wide beam             |
| 910505102933 | BY581P 250S/830 DIA HE WB GC SI          | 25,000 lm     | 3000 K                             | 171 lm/W                        | >80                         | Wide beam             |
| 910505102935 | BY581P 250S/940 DIA WB GC SI             | 25,000 lm     | 4000 K                             | 165 lm/W                        | >90                         | Wide beam             |
| 910505102936 | BY581P 250S/840 DIA HE WB GC SI XT 1m    | 25,000 lm     | 4000 K                             | 181 lm/W                        | >80                         | Wide beam             |
| 910505102937 | BY581P 350S/840 DIA HE WB GC SI XT 1m    | 35,000 lm     | 4000 K                             | 177 lm/W                        | >80                         | Wide beam             |
| 910505104541 | BY583P 250S/840 DIA HE WB GC SI 0.5m CW5 | 25,000 lm     | 4000 K                             | 174 lm/W                        | >80                         | Wide beam             |
| 910505102856 | BY580X 130S/840 SIA WB GC SI H4          | 13,000 lm     | 4000 K                             | 171 lm/W                        | >80                         | Wide beam             |
| 910505102857 | BY580X 170S/840 SIA WB GC SI H4          | 17,000 lm     | 4000 K                             | 167 lm/W                        | >80                         | Wide beam             |

| Order Code   | Full Product Name                  | Luminous Flux | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Color rendering index (CRI) | Optic type |
|--------------|------------------------------------|---------------|------------------------------------|---------------------------------|-----------------------------|------------|
| 910505102860 | BY580X 130S/840 SIA HE WB GC SI H4 | 13,000 lm     | 4000 K                             | 178 lm/W                        | >80                         | Wide beam  |
| 910505102861 | BY580X 170S/840 SIA HE WB GC SI H4 | 17,000 lm     | 4000 K                             | 175 lm/W                        | >80                         | Wide beam  |

## Operating and Electrical

| Order Code   | Full Product Name                        | Power Consumption | Suitable for random switching                                         |
|--------------|------------------------------------------|-------------------|-----------------------------------------------------------------------|
| 910505102953 | BY581P 700S/840 DIA WB GC SI             | 420 W             | No                                                                    |
| 910505102954 | BY581P 700S/840 DIA HE WB GC SI          | 397 W             | No                                                                    |
| 910505102955 | BY581P 700S/840 DIA WB GC SI BR          | 420 W             | No                                                                    |
| 910505102956 | BY581P 700S/840 DIA HE WB GC SI BR       | 397 W             | No                                                                    |
| 910505102865 | BY581X 250S/840 SIA WB GC SI H4 BR       | 144 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102866 | BY581X 250S/840 SIA HE WB GC SI H4 BR    | 136 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102858 | BY581X 250S/840 SIA WB GC SI H4          | 144 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102859 | BY581X 350S/840 SIA WB GC SI H4          | 210 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102862 | BY581X 250S/840 SIA HE WB GC SI H4       | 136 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102863 | BY581X 350S/840 SIA HE WB GC SI H4       | 198 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102868 | BY581X 250S/840 SIA WB GC SI ELP3 H4     | 144 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102869 | BY581X 250S/840 SIA WB GC SI ELW3 H4     | 144 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102870 | BY581X 250S/840 SIA HE WB GC SI ELP3 H4  | 136 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102871 | BY581X 250S/840 SIA HE WB GC SI ELW3 H4  | 136 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102864 | BY580X 170S/840 SIA WB GC SI H4 BR       | 102 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102867 | BY580X 170S/840 SIA HE WB GC SI H4 BR    | 97 W              | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505104565 | BY581P 250S/840 DIA HEWBGCSICHEMMBW1mCW5 | 138 W             | No                                                                    |
| 910505102872 | BY580P 170S/840 PSU WB GC SI             | 102 W             | No                                                                    |
| 910505102874 | BY580P 170S/840 PSU HE WB GC SI          | 97 W              | No                                                                    |
| 910505102876 | BY580P 100S/840 DIA UE WB GC SI          | 55 W              | No                                                                    |
| 910505102878 | BY580P 130S/840 DIA WB GC SI             | 76 W              | No                                                                    |
| 910505102879 | BY580P 170S/840 DIA WB GC SI             | 102 W             | No                                                                    |
| 910505102882 | BY580P 130S/840 DIA HE WB GC SI          | 73 W              | No                                                                    |
| 910505102883 | BY580P 170S/840 DIA HE WB GC SI          | 97 W              | No                                                                    |
| 910505102886 | BY580P 170S/840 DIA WB PC SI             | 110 W             | No                                                                    |
| 910505102890 | BY580P 170S/840 DIA HE WB PC SI          | 104 W             | No                                                                    |
| 910505102894 | BY580P 170S/840 DIA WB GC SI ELP3        | 102 W             | No                                                                    |

| Order Code   | Full Product Name                        | Power Consumption | Suitable for random switching                                         |
|--------------|------------------------------------------|-------------------|-----------------------------------------------------------------------|
| 910505102896 | BY580P 170S/840 DIA HE WB GC SI ELP3     | 97 W              | No                                                                    |
| 910505102898 | BY580P 130S/840 DIA MB GC SI             | 77 W              | No                                                                    |
| 910505102899 | BY580P 170S/840 DIA MB GC SI             | 104 W             | No                                                                    |
| 910505102903 | BY580P 130S/840 DIA HE MB GC SI          | 73 W              | No                                                                    |
| 910505102904 | BY580P 170S/840 DIA HE MB GC SI          | 98 W              | No                                                                    |
| 910505102914 | BY580P 170S/840 DIA NB GC SI             | 104 W             | No                                                                    |
| 910505102916 | BY580P 170S/840 DIA HE NB GC SI          | 98 W              | No                                                                    |
| 910505102918 | BY580P 170S/840 DIA XNB GC SI            | 104 W             | No                                                                    |
| 910505102920 | BY580P 170S/840 DIA HE XNB GC SI         | 98 W              | No                                                                    |
| 910505102922 | BY580P 170S/840 DIA HRO GC SI            | 104 W             | No                                                                    |
| 910505102924 | BY580P 170S/840 DIA HE HRO GC SI         | 98 W              | No                                                                    |
| 910505102926 | BY580P 170S/865 DIA WB GC SI             | 104 W             | No                                                                    |
| 910505102928 | BY580P 170S/865 DIA HE WB GC SI          | 99 W              | No                                                                    |
| 910505102930 | BY580P 170S/830 DIA WB GC SI             | 110 W             | No                                                                    |
| 910505102932 | BY580P 170S/830 DIA HE WB GC SI          | 104 W             | No                                                                    |
| 910505102934 | BY580P 170S/940 DIA WB GC SI             | 108 W             | No                                                                    |
| 910505104558 | BY580X 170S/840 SIA WB GC SI IA9         | 102 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505104560 | BY580X 170S/840 SIA HE WB GC SI ELP3 IA9 | 97 W              | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102910 | BY580P 170S/840 DIA ASYM GC SI MBW       | 108 W             | No                                                                    |
| 910505102912 | BY580P 170S/840 DIA HE ASYM GC SI MBW    | 100 W             | No                                                                    |
| 910505102889 | BY581P 250S/840 DIA WB GC SI BR          | 144 W             | No                                                                    |
| 910505102893 | BY581P 250S/840 DIA HE WB GC SI BR       | 138 W             | No                                                                    |
| 910505102907 | BY581P 250S/840 DIA ASYM GC SI BR        | 152 W             | No                                                                    |
| 910505102909 | BY581P 250S/840 DIA HE ASYM GC SI BR     | 142 W             | No                                                                    |
| 910505102911 | BY581P 250S/840 DIA ASYM GC SI MBW       | 152 W             | No                                                                    |
| 910505102913 | BY581P 250S/840 DIA HE ASYM GC SI MBW    | 142 W             | No                                                                    |
| 910505102938 | BY581P 350S/840 DIA HE WB GC SI BR XT 1m | 198 W             | No                                                                    |
| 910505104551 | BY581P 250S/840 DIA HE WB GC SI MSP BR   | 138 W             | No                                                                    |
| 910505104559 | BY581X 250S/840 SIA WB GC SI IA9         | 144 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505104561 | BY581X 250S/840 SIA HE WB GC SI ELP3 IA9 | 138 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505104563 | BY581P 250S/840 DIA HE WBGCSCHEMBR1mCW5  | 144 W             | No                                                                    |
| 910505102888 | BY580P 170S/840 DIA WB GC SI BR          | 102 W             | No                                                                    |
| 910505102892 | BY580P 170S/840 DIA HE WB GC SI BR       | 97 W              | No                                                                    |
| 910505102908 | BY580P 170S/840 DIA HE ASYM GC SI BR     | 100 W             | No                                                                    |
| 910505104550 | BY580P 170S/840 DIA HE WB GC SI MSP BR   | 97 W              | No                                                                    |
| 910505104562 | BY580P 170S/840 DIA HE WBGCSCHEMBR1mCW5  | 102 W             | No                                                                    |
| 910505104564 | BY580P 170S/840 DIA HEWBGCSCHEMMBW1mCW5  | 97 W              | No                                                                    |
| 910505102873 | BY581P 250S/840 PSU WB GC SI             | 144 W             | No                                                                    |
| 910505102875 | BY581P 250S/840 PSU HE WB GC SI          | 136 W             | No                                                                    |
| 910505102877 | BY581P 200S/840 DIA UE WB GC SI          | 106 W             | No                                                                    |

| Order Code   | Full Product Name                        | Power Consumption | Suitable for random switching                                         |
|--------------|------------------------------------------|-------------------|-----------------------------------------------------------------------|
| 910505102880 | BY581P 250S/840 DIA WB GC SI             | 144 W             | No                                                                    |
| 910505102881 | BY581P 350S/840 DIA WB GC SI             | 210 W             | No                                                                    |
| 910505102884 | BY581P 250S/840 DIA HE WB GC SI          | 138 W             | No                                                                    |
| 910505102885 | BY581P 350S/840 DIA HE WB GC SI          | 198 W             | No                                                                    |
| 910505102887 | BY581P 250S/840 DIA WB PC SI             | 154 W             | No                                                                    |
| 910505102891 | BY581P 250S/840 DIA HE WB PC SI          | 146 W             | No                                                                    |
| 910505102895 | BY581P 250S/840 DIA WB GC SI ELD3        | 144 W             | No                                                                    |
| 910505102897 | BY581P 250S/840 DIA HE WB GC SI ELD3     | 138 W             | No                                                                    |
| 910505102901 | BY581P 250S/840 DIA MB GC SI             | 146 W             | No                                                                    |
| 910505102902 | BY581P 350S/840 DIA MB GC SI             | 210 W             | No                                                                    |
| 910505102905 | BY581P 250S/840 DIA HE MB GC SI          | 138 W             | No                                                                    |
| 910505102906 | BY581P 350S/840 DIA HE MB GC SI          | 200 W             | No                                                                    |
| 910505102915 | BY581P 250S/840 DIA NB GC SI             | 146 W             | No                                                                    |
| 910505102917 | BY581P 250S/840 DIA HE NB GC SI          | 138 W             | No                                                                    |
| 910505102919 | BY581P 250S/840 DIA XNB GC SI            | 146 W             | No                                                                    |
| 910505102921 | BY581P 250S/840 DIA HE XNB GC SI         | 138 W             | No                                                                    |
| 910505102923 | BY581P 250S/840 DIA HRO GC SI            | 146 W             | No                                                                    |
| 910505102925 | BY581P 250S/840 DIA HE HRO GC SI         | 138 W             | No                                                                    |
| 910505102927 | BY581P 250S/865 DIA WB GC SI             | 146 W             | No                                                                    |
| 910505102929 | BY581P 250S/865 DIA HE WB GC SI          | 140 W             | No                                                                    |
| 910505102931 | BY581P 250S/830 DIA WB GC SI             | 154 W             | No                                                                    |
| 910505102933 | BY581P 250S/830 DIA HE WB GC SI          | 146 W             | No                                                                    |
| 910505102935 | BY581P 250S/940 DIA WB GC SI             | 152 W             | No                                                                    |
| 910505102936 | BY581P 250S/840 DIA HE WB GC SI XT 1m    | 138 W             | No                                                                    |
| 910505102937 | BY581P 350S/840 DIA HE WB GC SI XT 1m    | 198 W             | No                                                                    |
| 910505104541 | BY583P 250S/840 DIA HE WB GC SI 0.5m CW5 | 144 W             | No                                                                    |
| 910505102856 | BY580X 130S/840 SIA WB GC SI H4          | 76 W              | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102857 | BY580X 170S/840 SIA WB GC SI H4          | 102 W             | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102860 | BY580X 130S/840 SIA HE WB GC SI H4       | 73 W              | Yes (relates to presence/ movement detection and daylight harvesting) |
| 910505102861 | BY580X 170S/840 SIA HE WB GC SI H4       | 97 W              | Yes (relates to presence/ movement detection and daylight harvesting) |

## Controls and Dimming

| Order Code   | Full Product Name                     | Dimmable |
|--------------|---------------------------------------|----------|
| 910505102953 | BY581P 700S/840 DIA WB GC SI          | Yes      |
| 910505102954 | BY581P 700S/840 DIA HE WB GC SI       | Yes      |
| 910505102955 | BY581P 700S/840 DIA WB GC SI BR       | Yes      |
| 910505102956 | BY581P 700S/840 DIA HE WB GC SI BR    | Yes      |
| 910505102865 | BY581X 250S/840 SIA WB GC SI H4 BR    | Yes      |
| 910505102866 | BY581X 250S/840 SIA HE WB GC SI H4 BR | Yes      |
| 910505102858 | BY581X 250S/840 SIA WB GC SI H4       | Yes      |

| Order Code   | Full Product Name                        | Dimmable |
|--------------|------------------------------------------|----------|
| 910505102859 | BY581X 350S/840 SIA WB GC SI H4          | Yes      |
| 910505102862 | BY581X 250S/840 SIA HE WB GC SI H4       | Yes      |
| 910505102863 | BY581X 350S/840 SIA HE WB GC SI H4       | Yes      |
| 910505102868 | BY581X 250S/840 SIA WB GC SI ELP3 H4     | Yes      |
| 910505102869 | BY581X 250S/840 SIA WB GC SI ELW3 H4     | Yes      |
| 910505102870 | BY581X 250S/840 SIA HE WB GC SI ELP3 H4  | Yes      |
| 910505102871 | BY581X 250S/840 SIA HE WB GC SI ELW3 H4  | Yes      |
| 910505102864 | BY580X 170S/840 SIA WB GC SI H4 BR       | Yes      |
| 910505102867 | BY580X 170S/840 SIA HE WB GC SI H4 BR    | Yes      |
| 910505104565 | BY581P 250S/840 DIA HEWBGCSICHEMMBW1mCW5 | Yes      |
| 910505102872 | BY580P 170S/840 PSU WB GC SI             | No       |
| 910505102874 | BY580P 170S/840 PSU HE WB GC SI          | No       |
| 910505102876 | BY580P 100S/840 DIA UE WB GC SI          | Yes      |
| 910505102878 | BY580P 130S/840 DIA WB GC SI             | Yes      |
| 910505102879 | BY580P 170S/840 DIA WB GC SI             | Yes      |
| 910505102882 | BY580P 130S/840 DIA HE WB GC SI          | Yes      |
| 910505102883 | BY580P 170S/840 DIA HE WB GC SI          | Yes      |
| 910505102886 | BY580P 170S/840 DIA WB PC SI             | Yes      |
| 910505102890 | BY580P 170S/840 DIA HE WB PC SI          | Yes      |
| 910505102894 | BY580P 170S/840 DIA WB GC SI ELP3        | Yes      |
| 910505102896 | BY580P 170S/840 DIA HE WB GC SI ELP3     | Yes      |
| 910505102898 | BY580P 130S/840 DIA MB GC SI             | Yes      |
| 910505102899 | BY580P 170S/840 DIA MB GC SI             | Yes      |
| 910505102903 | BY580P 130S/840 DIA HE MB GC SI          | Yes      |
| 910505102904 | BY580P 170S/840 DIA HE MB GC SI          | Yes      |
| 910505102914 | BY580P 170S/840 DIA NB GC SI             | Yes      |
| 910505102916 | BY580P 170S/840 DIA HE NB GC SI          | Yes      |
| 910505102918 | BY580P 170S/840 DIA XNB GC SI            | Yes      |
| 910505102920 | BY580P 170S/840 DIA HE XNB GC SI         | Yes      |
| 910505102922 | BY580P 170S/840 DIA HRO GC SI            | Yes      |
| 910505102924 | BY580P 170S/840 DIA HE HRO GC SI         | Yes      |
| 910505102926 | BY580P 170S/865 DIA WB GC SI             | Yes      |
| 910505102928 | BY580P 170S/865 DIA HE WB GC SI          | Yes      |
| 910505102930 | BY580P 170S/830 DIA WB GC SI             | Yes      |
| 910505102932 | BY580P 170S/830 DIA HE WB GC SI          | Yes      |
| 910505102934 | BY580P 170S/940 DIA WB GC SI             | Yes      |
| 910505104558 | BY580X 170S/840 SIA WB GC SI IA9         | Yes      |
| 910505104560 | BY580X 170S/840 SIA HE WB GC SI ELP3 IA9 | Yes      |
| 910505102910 | BY580P 170S/840 DIA ASYM GC SI MBW       | Yes      |
| 910505102912 | BY580P 170S/840 DIA HE ASYM GC SI MBW    | Yes      |
| 910505102889 | BY581P 250S/840 DIA WB GC SI BR          | Yes      |
| 910505102893 | BY581P 250S/840 DIA HE WB GC SI BR       | Yes      |

| Order Code   | Full Product Name                        | Dimmable |
|--------------|------------------------------------------|----------|
| 910505102907 | BY581P 250S/840 DIA ASYM GC SI BR        | Yes      |
| 910505102909 | BY581P 250S/840 DIA HE ASYM GC SI BR     | Yes      |
| 910505102911 | BY581P 250S/840 DIA ASYM GC SI MBW       | Yes      |
| 910505102913 | BY581P 250S/840 DIA HE ASYM GC SI MBW    | Yes      |
| 910505102938 | BY581P 350S/840 DIA HE WB GC SI BR XT 1m | Yes      |
| 910505104551 | BY581P 250S/840 DIA HE WB GC SI MSP BR   | Yes      |
| 910505104559 | BY581X 250S/840 SIA WB GC SI IA9         | Yes      |
| 910505104561 | BY581X 250S/840 SIA HE WB GC SI ELP3 IA9 | Yes      |
| 910505104563 | BY581P 250S/840 DIA HE WBGCSICHEMBR1mCW5 | Yes      |
| 910505102888 | BY580P 170S/840 DIA WB GC SI BR          | Yes      |
| 910505102892 | BY580P 170S/840 DIA HE WB GC SI BR       | Yes      |
| 910505102908 | BY580P 170S/840 DIA HE ASYM GC SI BR     | Yes      |
| 910505104550 | BY580P 170S/840 DIA HE WB GC SI MSP BR   | Yes      |
| 910505104562 | BY580P 170S/840 DIA HE WBGCSICHEMBR1mCW5 | Yes      |
| 910505104564 | BY580P 170S/840 DIA HEWBGCSICHEMMBW1mCW5 | Yes      |
| 910505102873 | BY581P 250S/840 PSU WB GC SI             | No       |
| 910505102875 | BY581P 250S/840 PSU HE WB GC SI          | No       |
| 910505102877 | BY581P 200S/840 DIA UE WB GC SI          | Yes      |
| 910505102880 | BY581P 250S/840 DIA WB GC SI             | Yes      |
| 910505102881 | BY581P 350S/840 DIA WB GC SI             | Yes      |
| 910505102884 | BY581P 250S/840 DIA HE WB GC SI          | Yes      |
| 910505102885 | BY581P 350S/840 DIA HE WB GC SI          | Yes      |
| 910505102887 | BY581P 250S/840 DIA WB PC SI             | Yes      |
| 910505102891 | BY581P 250S/840 DIA HE WB PC SI          | Yes      |
| 910505102895 | BY581P 250S/840 DIA WB GC SI ELD3        | Yes      |
| 910505102897 | BY581P 250S/840 DIA HE WB GC SI ELD3     | Yes      |
| 910505102901 | BY581P 250S/840 DIA MB GC SI             | Yes      |
| 910505102902 | BY581P 350S/840 DIA MB GC SI             | Yes      |
| 910505102905 | BY581P 250S/840 DIA HE MB GC SI          | Yes      |
| 910505102906 | BY581P 350S/840 DIA HE MB GC SI          | Yes      |
| 910505102915 | BY581P 250S/840 DIA NB GC SI             | Yes      |
| 910505102917 | BY581P 250S/840 DIA HE NB GC SI          | Yes      |
| 910505102919 | BY581P 250S/840 DIA XNB GC SI            | Yes      |
| 910505102921 | BY581P 250S/840 DIA HE XNB GC SI         | Yes      |
| 910505102923 | BY581P 250S/840 DIA HRO GC SI            | Yes      |
| 910505102925 | BY581P 250S/840 DIA HE HRO GC SI         | Yes      |
| 910505102927 | BY581P 250S/865 DIA WB GC SI             | Yes      |
| 910505102929 | BY581P 250S/865 DIA HE WB GC SI          | Yes      |
| 910505102931 | BY581P 250S/830 DIA WB GC SI             | Yes      |
| 910505102933 | BY581P 250S/830 DIA HE WB GC SI          | Yes      |
| 910505102935 | BY581P 250S/940 DIA WB GC SI             | Yes      |
| 910505102936 | BY581P 250S/840 DIA HE WB GC SI XT 1m    | Yes      |

| Order Code   | Full Product Name                        | Dimmable |
|--------------|------------------------------------------|----------|
| 910505102937 | BY581P 350S/840 DIA HE WB GC SI XT 1m    | Yes      |
| 910505104541 | BY583P 250S/840 DIA HE WB GC SI 0.5m CW5 | Yes      |
| 910505102856 | BY580X 130S/840 SIA WB GC SI H4          | Yes      |
| 910505102857 | BY580X 170S/840 SIA WB GC SI H4          | Yes      |
| 910505102860 | BY580X 130S/840 SIA HE WB GC SI H4       | Yes      |
| 910505102861 | BY580X 170S/840 SIA HE WB GC SI H4       | Yes      |

## Mechanical and Housing

| Order Code   | Full Product Name                        | Mech. impact protection code |
|--------------|------------------------------------------|------------------------------|
| 910505102953 | BY581P 700S/840 DIA WB GC SI             | IK07                         |
| 910505102954 | BY581P 700S/840 DIA HE WB GC SI          | IK07                         |
| 910505102955 | BY581P 700S/840 DIA WB GC SI BR          | IK07                         |
| 910505102956 | BY581P 700S/840 DIA HE WB GC SI BR       | IK07                         |
| 910505102865 | BY581X 250S/840 SIA WB GC SI H4 BR       | IK03                         |
| 910505102866 | BY581X 250S/840 SIA HE WB GC SI H4 BR    | IK03                         |
| 910505102858 | BY581X 250S/840 SIA WB GC SI H4          | IK03                         |
| 910505102859 | BY581X 350S/840 SIA WB GC SI H4          | IK03                         |
| 910505102862 | BY581X 250S/840 SIA HE WB GC SI H4       | IK03                         |
| 910505102863 | BY581X 350S/840 SIA HE WB GC SI H4       | IK03                         |
| 910505102868 | BY581X 250S/840 SIA WB GC SI ELP3 H4     | IK03                         |
| 910505102869 | BY581X 250S/840 SIA WB GC SI ELW3 H4     | IK03                         |
| 910505102870 | BY581X 250S/840 SIA HE WB GC SI ELP3 H4  | IK03                         |
| 910505102871 | BY581X 250S/840 SIA HE WB GC SI ELW3 H4  | IK03                         |
| 910505102864 | BY580X 170S/840 SIA WB GC SI H4 BR       | IK03                         |
| 910505102867 | BY580X 170S/840 SIA HE WB GC SI H4 BR    | IK03                         |
| 910505104565 | BY581P 250S/840 DIA HEWBGCSICHEMMBW1mCW5 | IK07                         |
| 910505102872 | BY580P 170S/840 PSU WB GC SI             | IK07                         |
| 910505102874 | BY580P 170S/840 PSU HE WB GC SI          | IK07                         |
| 910505102876 | BY580P 100S/840 DIA UE WB GC SI          | IK07                         |
| 910505102878 | BY580P 130S/840 DIA WB GC SI             | IK07                         |
| 910505102879 | BY580P 170S/840 DIA WB GC SI             | IK07                         |
| 910505102882 | BY580P 130S/840 DIA HE WB GC SI          | IK07                         |
| 910505102883 | BY580P 170S/840 DIA HE WB GC SI          | IK07                         |
| 910505102886 | BY580P 170S/840 DIA WB PC SI             | IK07                         |
| 910505102890 | BY580P 170S/840 DIA HE WB PC SI          | IK07                         |
| 910505102894 | BY580P 170S/840 DIA WB GC SI ELP3        | IK07                         |
| 910505102896 | BY580P 170S/840 DIA HE WB GC SI ELP3     | IK07                         |
| 910505102898 | BY580P 130S/840 DIA MB GC SI             | IK07                         |
| 910505102899 | BY580P 170S/840 DIA MB GC SI             | IK07                         |
| 910505102903 | BY580P 130S/840 DIA HE MB GC SI          | IK07                         |
| 910505102904 | BY580P 170S/840 DIA HE MB GC SI          | IK07                         |
| 910505102914 | BY580P 170S/840 DIA NB GC SI             | IK07                         |

| Order Code   | Full Product Name                         | Mech. impact protection code |
|--------------|-------------------------------------------|------------------------------|
| 910505102916 | BY580P 170S/840 DIA HE NB GC SI           | IK07                         |
| 910505102918 | BY580P 170S/840 DIA XNB GC SI             | IK07                         |
| 910505102920 | BY580P 170S/840 DIA HE XNB GC SI          | IK07                         |
| 910505102922 | BY580P 170S/840 DIA HRO GC SI             | IK07                         |
| 910505102924 | BY580P 170S/840 DIA HE HRO GC SI          | IK07                         |
| 910505102926 | BY580P 170S/865 DIA WB GC SI              | IK07                         |
| 910505102928 | BY580P 170S/865 DIA HE WB GC SI           | IK07                         |
| 910505102930 | BY580P 170S/830 DIA WB GC SI              | IK07                         |
| 910505102932 | BY580P 170S/830 DIA HE WB GC SI           | IK07                         |
| 910505102934 | BY580P 170S/940 DIA WB GC SI              | IK07                         |
| 910505104558 | BY580X 170S/840 SIA WB GC SI IA9          | IK03                         |
| 910505104560 | BY580X 170S/840 SIA HE WB GC SI ELP3 IA9  | IK03                         |
| 910505102910 | BY580P 170S/840 DIA ASYM GC SI MBW        | IK07                         |
| 910505102912 | BY580P 170S/840 DIA HE ASYM GC SI MBW     | IK07                         |
| 910505102889 | BY581P 250S/840 DIA WB GC SI BR           | IK07                         |
| 910505102893 | BY581P 250S/840 DIA HE WB GC SI BR        | IK07                         |
| 910505102907 | BY581P 250S/840 DIA ASYM GC SI BR         | IK07                         |
| 910505102909 | BY581P 250S/840 DIA HE ASYM GC SI BR      | IK07                         |
| 910505102911 | BY581P 250S/840 DIA ASYM GC SI MBW        | IK07                         |
| 910505102913 | BY581P 250S/840 DIA HE ASYM GC SI MBW     | IK07                         |
| 910505102938 | BY581P 350S/840 DIA HE WB GC SI BR XT 1m  | IK07                         |
| 910505104551 | BY581P 250S/840 DIA HE WB GC SI MSP BR    | IK07                         |
| 910505104559 | BY581X 250S/840 SIA WB GC SI IA9          | IK03                         |
| 910505104561 | BY581X 250S/840 SIA HE WB GC SI ELP3 IA9  | IK03                         |
| 910505104563 | BY581P 250S/840 DIA HE WBGC SICHEMBR1mCW5 | IK07                         |
| 910505102888 | BY580P 170S/840 DIA WB GC SI BR           | IK07                         |
| 910505102892 | BY580P 170S/840 DIA HE WB GC SI BR        | IK07                         |
| 910505102908 | BY580P 170S/840 DIA HE ASYM GC SI BR      | IK07                         |
| 910505104550 | BY580P 170S/840 DIA HE WB GC SI MSP BR    | IK07                         |
| 910505104562 | BY580P 170S/840 DIA HE WBGC SICHEMBR1mCW5 | IK07                         |
| 910505104564 | BY580P 170S/840 DIA HEWBGC SICHEMMBW1mCW5 | IK07                         |
| 910505102873 | BY581P 250S/840 PSU WB GC SI              | IK07                         |
| 910505102875 | BY581P 250S/840 PSU HE WB GC SI           | IK07                         |
| 910505102877 | BY581P 200S/840 DIA UE WB GC SI           | IK07                         |
| 910505102880 | BY581P 250S/840 DIA WB GC SI              | IK07                         |
| 910505102881 | BY581P 350S/840 DIA WB GC SI              | IK07                         |
| 910505102884 | BY581P 250S/840 DIA HE WB GC SI           | IK07                         |
| 910505102885 | BY581P 350S/840 DIA HE WB GC SI           | IK07                         |
| 910505102887 | BY581P 250S/840 DIA WB PC SI              | IK07                         |
| 910505102891 | BY581P 250S/840 DIA HE WB PC SI           | IK07                         |
| 910505102895 | BY581P 250S/840 DIA WB GC SI ELD3         | IK07                         |
| 910505102897 | BY581P 250S/840 DIA HE WB GC SI ELD3      | IK07                         |

| Order Code   | Full Product Name                        | Mech. impact protection code |
|--------------|------------------------------------------|------------------------------|
| 910505102901 | BY581P 250S/840 DIA MB GC SI             | IK07                         |
| 910505102902 | BY581P 350S/840 DIA MB GC SI             | IK07                         |
| 910505102905 | BY581P 250S/840 DIA HE MB GC SI          | IK07                         |
| 910505102906 | BY581P 350S/840 DIA HE MB GC SI          | IK07                         |
| 910505102915 | BY581P 250S/840 DIA NB GC SI             | IK07                         |
| 910505102917 | BY581P 250S/840 DIA HE NB GC SI          | IK07                         |
| 910505102919 | BY581P 250S/840 DIA XNB GC SI            | IK07                         |
| 910505102921 | BY581P 250S/840 DIA HE XNB GC SI         | IK07                         |
| 910505102923 | BY581P 250S/840 DIA HRO GC SI            | IK07                         |
| 910505102925 | BY581P 250S/840 DIA HE HRO GC SI         | IK07                         |
| 910505102927 | BY581P 250S/865 DIA WB GC SI             | IK07                         |
| 910505102929 | BY581P 250S/865 DIA HE WB GC SI          | IK07                         |
| 910505102931 | BY581P 250S/830 DIA WB GC SI             | IK07                         |
| 910505102933 | BY581P 250S/830 DIA HE WB GC SI          | IK07                         |
| 910505102935 | BY581P 250S/940 DIA WB GC SI             | IK07                         |
| 910505102936 | BY581P 250S/840 DIA HE WB GC SI XT 1m    | IK07                         |
| 910505102937 | BY581P 350S/840 DIA HE WB GC SI XT 1m    | IK07                         |
| 910505104541 | BY583P 250S/840 DIA HE WB GC SI 0.5m CW5 | IK07                         |
| 910505102856 | BY580X 130S/840 SIA WB GC SI H4          | IK03                         |
| 910505102857 | BY580X 170S/840 SIA WB GC SI H4          | IK03                         |
| 910505102860 | BY580X 130S/840 SIA HE WB GC SI H4       | IK03                         |
| 910505102861 | BY580X 170S/840 SIA HE WB GC SI H4       | IK03                         |

## Emergency Operation

| Order Code   | Full Product Name                       | Emergency flux | Power consumption during Central DC emergency mode | Emergency lighting                                          |
|--------------|-----------------------------------------|----------------|----------------------------------------------------|-------------------------------------------------------------|
| 910505102953 | BY581P 700S/840 DIA WB GC SI            | -              | -                                                  | -                                                           |
| 910505102954 | BY581P 700S/840 DIA HE WB GC SI         | -              | -                                                  | -                                                           |
| 910505102955 | BY581P 700S/840 DIA WB GC SI BR         | -              | -                                                  | -                                                           |
| 910505102956 | BY581P 700S/840 DIA HE WB GC SI BR      | -              | -                                                  | -                                                           |
| 910505102865 | BY581X 250S/840 SIA WB GC SI H4 BR      | -              | -                                                  | -                                                           |
| 910505102866 | BY581X 250S/840 SIA HE WB GC SI H4 BR   | -              | -                                                  | -                                                           |
| 910505102858 | BY581X 250S/840 SIA WB GC SI H4         | -              | -                                                  | -                                                           |
| 910505102859 | BY581X 350S/840 SIA WB GC SI H4         | -              | -                                                  | -                                                           |
| 910505102862 | BY581X 250S/840 SIA HE WB GC SI H4      | -              | -                                                  | -                                                           |
| 910505102863 | BY581X 350S/840 SIA HE WB GC SI H4      | -              | -                                                  | -                                                           |
| 910505102868 | BY581X 250S/840 SIA WB GC SI ELP3 H4    | 850 lm         | 5 W                                                | Emergency lighting 3 hours duration Pro version             |
| 910505102869 | BY581X 250S/840 SIA WB GC SI ELW3 H4    | 850 lm         | 5 W                                                | Emergency lighting 3 hours duration with Wireless Interface |
| 910505102870 | BY581X 250S/840 SIA HE WB GC SI ELP3 H4 | 850 lm         | 5 W                                                | Emergency lighting 3 hours duration Pro version             |

| Order Code   | Full Product Name                        | Emergency flux | Power consumption during Central DC emergency mode | Emergency lighting                                          |
|--------------|------------------------------------------|----------------|----------------------------------------------------|-------------------------------------------------------------|
| 910505102871 | BY581X 250S/840 SIA HE WB GC SI ELW3 H4  | 850 lm         | 5 W                                                | Emergency lighting 3 hours duration with Wireless Interface |
| 910505102864 | BY580X 170S/840 SIA WB GC SI H4 BR       | -              | -                                                  | -                                                           |
| 910505102867 | BY580X 170S/840 SIA HE WB GC SI H4 BR    | -              | -                                                  | -                                                           |
| 910505104565 | BY581P 250S/840 DIA HEWBGCSICHEMMBW1mCW5 | -              | -                                                  | -                                                           |
| 910505102872 | BY580P 170S/840 PSU WB GC SI             | -              | -                                                  | -                                                           |
| 910505102874 | BY580P 170S/840 PSU HE WB GC SI          | -              | -                                                  | -                                                           |
| 910505102876 | BY580P 100S/840 DIA UE WB GC SI          | -              | -                                                  | -                                                           |
| 910505102878 | BY580P 130S/840 DIA WB GC SI             | -              | -                                                  | -                                                           |
| 910505102879 | BY580P 170S/840 DIA WB GC SI             | -              | -                                                  | -                                                           |
| 910505102882 | BY580P 130S/840 DIA HE WB GC SI          | -              | -                                                  | -                                                           |
| 910505102883 | BY580P 170S/840 DIA HE WB GC SI          | -              | -                                                  | -                                                           |
| 910505102886 | BY580P 170S/840 DIA WB PC SI             | -              | -                                                  | -                                                           |
| 910505102890 | BY580P 170S/840 DIA HE WB PC SI          | -              | -                                                  | -                                                           |
| 910505102894 | BY580P 170S/840 DIA WB GC SI ELP3        | 450 lm         | 3 W                                                | Emergency lighting 3 hours duration Pro version             |
| 910505102896 | BY580P 170S/840 DIA HE WB GC SI ELP3     | 450 lm         | 3 W                                                | Emergency lighting 3 hours duration Pro version             |
| 910505102898 | BY580P 130S/840 DIA MB GC SI             | -              | -                                                  | -                                                           |
| 910505102899 | BY580P 170S/840 DIA MB GC SI             | -              | -                                                  | -                                                           |
| 910505102903 | BY580P 130S/840 DIA HE MB GC SI          | -              | -                                                  | -                                                           |
| 910505102904 | BY580P 170S/840 DIA HE MB GC SI          | -              | -                                                  | -                                                           |
| 910505102914 | BY580P 170S/840 DIA NB GC SI             | -              | -                                                  | -                                                           |
| 910505102916 | BY580P 170S/840 DIA HE NB GC SI          | -              | -                                                  | -                                                           |
| 910505102918 | BY580P 170S/840 DIA XNB GC SI            | -              | -                                                  | -                                                           |
| 910505102920 | BY580P 170S/840 DIA HE XNB GC SI         | -              | -                                                  | -                                                           |
| 910505102922 | BY580P 170S/840 DIA HRO GC SI            | -              | -                                                  | -                                                           |
| 910505102924 | BY580P 170S/840 DIA HE HRO GC SI         | -              | -                                                  | -                                                           |
| 910505102926 | BY580P 170S/865 DIA WB GC SI             | -              | -                                                  | -                                                           |
| 910505102928 | BY580P 170S/865 DIA HE WB GC SI          | -              | -                                                  | -                                                           |
| 910505102930 | BY580P 170S/830 DIA WB GC SI             | -              | -                                                  | -                                                           |
| 910505102932 | BY580P 170S/830 DIA HE WB GC SI          | -              | -                                                  | -                                                           |
| 910505102934 | BY580P 170S/940 DIA WB GC SI             | -              | -                                                  | -                                                           |
| 910505104558 | BY580X 170S/840 SIA WB GC SI IA9         | -              | -                                                  | -                                                           |
| 910505104560 | BY580X 170S/840 SIA HE WB GC SI ELP3 IA9 | -              | -                                                  | -                                                           |
| 910505102910 | BY580P 170S/840 DIA ASYM GC SI MBW       | -              | -                                                  | -                                                           |
| 910505102912 | BY580P 170S/840 DIA HE ASYM GC SI MBW    | -              | -                                                  | -                                                           |
| 910505102889 | BY581P 250S/840 DIA WB GC SI BR          | -              | -                                                  | -                                                           |
| 910505102893 | BY581P 250S/840 DIA HE WB GC SI BR       | -              | -                                                  | -                                                           |
| 910505102907 | BY581P 250S/840 DIA ASYM GC SI BR        | -              | -                                                  | -                                                           |
| 910505102909 | BY581P 250S/840 DIA HE ASYM GC SI BR     | -              | -                                                  | -                                                           |
| 910505102911 | BY581P 250S/840 DIA ASYM GC SI MBW       | -              | -                                                  | -                                                           |
| 910505102913 | BY581P 250S/840 DIA HE ASYM GC SI MBW    | -              | -                                                  | -                                                           |

| Order Code   | Full Product Name                        | Emergency flux | Power consumption during Central DC emergency mode | Emergency lighting                                      |
|--------------|------------------------------------------|----------------|----------------------------------------------------|---------------------------------------------------------|
| 910505102938 | BY581P 350S/840 DIA HE WB GC SI BR XT 1m | -              | -                                                  | -                                                       |
| 910505104551 | BY581P 250S/840 DIA HE WB GC SI MSP BR   | -              | -                                                  | -                                                       |
| 910505104559 | BY581X 250S/840 SIA WB GC SI IA9         | -              | -                                                  | -                                                       |
| 910505104561 | BY581X 250S/840 SIA HE WB GC SI ELP3 IA9 | -              | -                                                  | -                                                       |
| 910505104563 | BY581P 250S/840 DIA HE WBGCSICHEMBR1mCW5 | -              | -                                                  | -                                                       |
| 910505102888 | BY580P 170S/840 DIA WB GC SI BR          | -              | -                                                  | -                                                       |
| 910505102892 | BY580P 170S/840 DIA HE WB GC SI BR       | -              | -                                                  | -                                                       |
| 910505102908 | BY580P 170S/840 DIA HE ASYM GC SI BR     | -              | -                                                  | -                                                       |
| 910505104550 | BY580P 170S/840 DIA HE WB GC SI MSP BR   | -              | -                                                  | -                                                       |
| 910505104562 | BY580P 170S/840 DIA HE WBGCSICHEMBR1mCW5 | -              | -                                                  | -                                                       |
| 910505104564 | BY580P 170S/840 DIA HEWBGCSICHEMMBW1mCW5 | -              | -                                                  | -                                                       |
| 910505102873 | BY581P 250S/840 PSU WB GC SI             | -              | -                                                  | -                                                       |
| 910505102875 | BY581P 250S/840 PSU HE WB GC SI          | -              | -                                                  | -                                                       |
| 910505102877 | BY581P 200S/840 DIA UE WB GC SI          | -              | -                                                  | -                                                       |
| 910505102880 | BY581P 250S/840 DIA WB GC SI             | -              | -                                                  | -                                                       |
| 910505102881 | BY581P 350S/840 DIA WB GC SI             | -              | -                                                  | -                                                       |
| 910505102884 | BY581P 250S/840 DIA HE WB GC SI          | -              | -                                                  | -                                                       |
| 910505102885 | BY581P 350S/840 DIA HE WB GC SI          | -              | -                                                  | -                                                       |
| 910505102887 | BY581P 250S/840 DIA WB PC SI             | -              | -                                                  | -                                                       |
| 910505102891 | BY581P 250S/840 DIA HE WB PC SI          | -              | -                                                  | -                                                       |
| 910505102895 | BY581P 250S/840 DIA WB GC SI ELD3        | 850 lm         | 5 W                                                | Emergency lighting 3 hours duration with DALI interface |
| 910505102897 | BY581P 250S/840 DIA HE WB GC SI ELD3     | 850 lm         | 5 W                                                | Emergency lighting 3 hours duration with DALI interface |
| 910505102901 | BY581P 250S/840 DIA MB GC SI             | -              | -                                                  | -                                                       |
| 910505102902 | BY581P 350S/840 DIA MB GC SI             | -              | -                                                  | -                                                       |
| 910505102905 | BY581P 250S/840 DIA HE MB GC SI          | -              | -                                                  | -                                                       |
| 910505102906 | BY581P 350S/840 DIA HE MB GC SI          | -              | -                                                  | -                                                       |
| 910505102915 | BY581P 250S/840 DIA NB GC SI             | -              | -                                                  | -                                                       |
| 910505102917 | BY581P 250S/840 DIA HE NB GC SI          | -              | -                                                  | -                                                       |
| 910505102919 | BY581P 250S/840 DIA XNB GC SI            | -              | -                                                  | -                                                       |
| 910505102921 | BY581P 250S/840 DIA HE XNB GC SI         | -              | -                                                  | -                                                       |
| 910505102923 | BY581P 250S/840 DIA HRO GC SI            | -              | -                                                  | -                                                       |
| 910505102925 | BY581P 250S/840 DIA HE HRO GC SI         | -              | -                                                  | -                                                       |
| 910505102927 | BY581P 250S/865 DIA WB GC SI             | -              | -                                                  | -                                                       |
| 910505102929 | BY581P 250S/865 DIA HE WB GC SI          | -              | -                                                  | -                                                       |
| 910505102931 | BY581P 250S/830 DIA WB GC SI             | -              | -                                                  | -                                                       |
| 910505102933 | BY581P 250S/830 DIA HE WB GC SI          | -              | -                                                  | -                                                       |
| 910505102935 | BY581P 250S/940 DIA WB GC SI             | -              | -                                                  | -                                                       |
| 910505102936 | BY581P 250S/840 DIA HE WB GC SI XT 1m    | -              | -                                                  | -                                                       |
| 910505102937 | BY581P 350S/840 DIA HE WB GC SI XT 1m    | -              | -                                                  | -                                                       |
| 910505104541 | BY583P 250S/840 DIA HE WB GC SI 0.5m CW5 | -              | -                                                  | -                                                       |

| Order Code   | Full Product Name                  | Emergency flux | Power consumption during Central DC emergency mode | Emergency lighting |
|--------------|------------------------------------|----------------|----------------------------------------------------|--------------------|
| 910505102856 | BY580X 130S/840 SIA WB GC SI H4    | -              | -                                                  | -                  |
| 910505102857 | BY580X 170S/840 SIA WB GC SI H4    | -              | -                                                  | -                  |
| 910505102860 | BY580X 130S/840 SIA HE WB GC SI H4 | -              | -                                                  | -                  |
| 910505102861 | BY580X 170S/840 SIA HE WB GC SI H4 | -              | -                                                  | -                  |

## Approval and Application

| Order Code   | Full Product Name                        | Glow-wire test                    | Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | Strobo-scopic effect visibility measure (SVM) | Ambient temperature range |
|--------------|------------------------------------------|-----------------------------------|-----------------------------------------------------------------|-----------------------------------------------|---------------------------|
| 910505102953 | BY581P 700S/840 DIA WB GC SI             | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                          | -30 to +55 °C             |
| 910505102954 | BY581P 700S/840 DIA HE WB GC SI          | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                          | -30 to +55 °C             |
| 910505102955 | BY581P 700S/840 DIA WB GC SI BR          | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                          | -30 to +55 °C             |
| 910505102956 | BY581P 700S/840 DIA HE WB GC SI BR       | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                          | -30 to +55 °C             |
| 910505102865 | BY581X 250S/840 SIA WB GC SI H4 BR       | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102866 | BY581X 250S/840 SIA HE WB GC SI H4 BR    | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102858 | BY581X 250S/840 SIA WB GC SI H4          | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102859 | BY581X 350S/840 SIA WB GC SI H4          | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102862 | BY581X 250S/840 SIA HE WB GC SI H4       | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102863 | BY581X 350S/840 SIA HE WB GC SI H4       | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102868 | BY581X 250S/840 SIA WB GC SI ELP3 H4     | Temperature 850 °C, duration 30 s | 1                                                               | 0.4                                           | 0 °C to 25 °C             |
| 910505102869 | BY581X 250S/840 SIA WB GC SI ELW3 H4     | Temperature 850 °C, duration 30 s | 1                                                               | 0.4                                           | 0 °C to 25 °C             |
| 910505102870 | BY581X 250S/840 SIA HE WB GC SI ELP3 H4  | Temperature 850 °C, duration 30 s | 1                                                               | 0.4                                           | 0 °C to 25 °C             |
| 910505102871 | BY581X 250S/840 SIA HE WB GC SI ELW3 H4  | Temperature 850 °C, duration 30 s | 1                                                               | 0.4                                           | 0 °C to 25 °C             |
| 910505102864 | BY580X 170S/840 SIA WB GC SI H4 BR       | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102867 | BY580X 170S/840 SIA HE WB GC SI H4 BR    | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505104565 | BY581P 250S/840 DIA HEWBGCSICHEMMBW1mCW5 | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102872 | BY580P 170S/840 PSU WB GC SI             | Temperature 650 °C, duration 30 s | 0.04                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102874 | BY580P 170S/840 PSU HE WB GC SI          | Temperature 650 °C, duration 30 s | 0.04                                                            | 0.07                                          | -30 to +55 °C             |

| Order Code   | Full Product Name                    | Glow-wire test                    | Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | Strobo-scopic effect visibility measure (SVM) | Ambient temperature range |
|--------------|--------------------------------------|-----------------------------------|-----------------------------------------------------------------|-----------------------------------------------|---------------------------|
| 910505102876 | BY580P 100S/840 DIA UE WB GC SI      | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102878 | BY580P 130S/840 DIA WB GC SI         | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102879 | BY580P 170S/840 DIA WB GC SI         | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102882 | BY580P 130S/840 DIA HE WB GC SI      | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102883 | BY580P 170S/840 DIA HE WB GC SI      | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102886 | BY580P 170S/840 DIA WB PC SI         | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102890 | BY580P 170S/840 DIA HE WB PC SI      | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102894 | BY580P 170S/840 DIA WB GC SI ELP3    | Temperature 850 °C, duration 30 s | 0.12                                                            | 0.07                                          | 0 °C to 25 °C             |
| 910505102896 | BY580P 170S/840 DIA HE WB GC SI ELP3 | Temperature 850 °C, duration 30 s | -                                                               | -                                             | 0 °C to 25 °C             |
| 910505102898 | BY580P 130S/840 DIA MB GC SI         | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102899 | BY580P 170S/840 DIA MB GC SI         | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102903 | BY580P 130S/840 DIA HE MB GC SI      | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102904 | BY580P 170S/840 DIA HE MB GC SI      | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102914 | BY580P 170S/840 DIA NB GC SI         | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102916 | BY580P 170S/840 DIA HE NB GC SI      | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102918 | BY580P 170S/840 DIA XNB GC SI        | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102920 | BY580P 170S/840 DIA HE XNB GC SI     | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102922 | BY580P 170S/840 DIA HRO GC SI        | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102924 | BY580P 170S/840 DIA HE HRO GC SI     | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102926 | BY580P 170S/865 DIA WB GC SI         | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102928 | BY580P 170S/865 DIA HE WB GC SI      | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102930 | BY580P 170S/830 DIA WB GC SI         | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102932 | BY580P 170S/830 DIA HE WB GC SI      | Temperature 650 °C, duration 30 s | -                                                               | -                                             | -30 to +55 °C             |
| 910505102934 | BY580P 170S/940 DIA WB GC SI         | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |

| Order Code   | Full Product Name                        | Glow-wire test                    | Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | Stroboscopic effect visibility measure (SVM) | Ambient temperature range |
|--------------|------------------------------------------|-----------------------------------|-----------------------------------------------------------------|----------------------------------------------|---------------------------|
| 910505104558 | BY580X 170S/840 SIA WB GC SI IA9         | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                          | -30 to +55 °C             |
| 910505104560 | BY580X 170S/840 SIA HE WB GC SI ELP3 IA9 | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                          | -30 to +55 °C             |
| 910505102910 | BY580P 170S/840 DIA ASYM GC SI MBW       | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102912 | BY580P 170S/840 DIA HE ASYM GC SI MBW    | Temperature 650 °C, duration 30 s | -                                                               | -                                            | -30 to +55 °C             |
| 910505102889 | BY581P 250S/840 DIA WB GC SI BR          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102893 | BY581P 250S/840 DIA HE WB GC SI BR       | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102907 | BY581P 250S/840 DIA ASYM GC SI BR        | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102909 | BY581P 250S/840 DIA HE ASYM GC SI BR     | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102911 | BY581P 250S/840 DIA ASYM GC SI MBW       | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102913 | BY581P 250S/840 DIA HE ASYM GC SI MBW    | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102938 | BY581P 350S/840 DIA HE WB GC SI BR XT 1m | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                         | -30 °C to 55 °C           |
| 910505104551 | BY581P 250S/840 DIA HE WB GC SI MSP BR   | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505104559 | BY581X 250S/840 SIA WB GC SI IA9         | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                          | -30 to +55 °C             |
| 910505104561 | BY581X 250S/840 SIA HE WB GC SI ELP3 IA9 | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                          | -30 to +55 °C             |
| 910505104563 | BY581P 250S/840 DIA HE WBGCSICHEMBR1mCW5 | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102888 | BY580P 170S/840 DIA WB GC SI BR          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102892 | BY580P 170S/840 DIA HE WB GC SI BR       | Temperature 650 °C, duration 30 s | -                                                               | -                                            | -30 to +55 °C             |
| 910505102908 | BY580P 170S/840 DIA HE ASYM GC SI BR     | Temperature 650 °C, duration 30 s | -                                                               | -                                            | -30 to +55 °C             |
| 910505104550 | BY580P 170S/840 DIA HE WB GC SI MSP BR   | Temperature 650 °C, duration 30 s | -                                                               | -                                            | -30 to +55 °C             |
| 910505104562 | BY580P 170S/840 DIA HE WBGCSICHEMBR1mCW5 | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505104564 | BY580P 170S/840 DIA HEWBGCSICHEMMBW1mCW5 | Temperature 650 °C, duration 30 s | -                                                               | -                                            | -30 to +55 °C             |
| 910505102873 | BY581P 250S/840 PSU WB GC SI             | Temperature 650 °C, duration 30 s | 0.04                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102875 | BY581P 250S/840 PSU HE WB GC SI          | Temperature 650 °C, duration 30 s | 0.04                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102877 | BY581P 200S/840 DIA UE WB GC SI          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |

| Order Code   | Full Product Name                     | Glow-wire test                    | Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | Stroboscopic effect visibility measure (SVM) | Ambient temperature range |
|--------------|---------------------------------------|-----------------------------------|-----------------------------------------------------------------|----------------------------------------------|---------------------------|
| 910505102880 | BY581P 250S/840 DIA WB GC SI          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102881 | BY581P 350S/840 DIA WB GC SI          | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                         | -30 to +55 °C             |
| 910505102884 | BY581P 250S/840 DIA HE WB GC SI       | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102885 | BY581P 350S/840 DIA HE WB GC SI       | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                         | -30 to +55 °C             |
| 910505102887 | BY581P 250S/840 DIA WB PC SI          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102891 | BY581P 250S/840 DIA HE WB PC SI       | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102895 | BY581P 250S/840 DIA WB GC SI ELD3     | Temperature 850 °C, duration 30 s | 0.12                                                            | 0.07                                         | 0 °C to 25 °C             |
| 910505102897 | BY581P 250S/840 DIA HE WB GC SI ELD3  | Temperature 850 °C, duration 30 s | 0.12                                                            | 0.07                                         | 0 °C to 25 °C             |
| 910505102901 | BY581P 250S/840 DIA MB GC SI          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102902 | BY581P 350S/840 DIA MB GC SI          | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                         | -30 to +55 °C             |
| 910505102905 | BY581P 250S/840 DIA HE MB GC SI       | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102906 | BY581P 350S/840 DIA HE MB GC SI       | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                         | -30 to +55 °C             |
| 910505102915 | BY581P 250S/840 DIA NB GC SI          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102917 | BY581P 250S/840 DIA HE NB GC SI       | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102919 | BY581P 250S/840 DIA XNB GC SI         | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102921 | BY581P 250S/840 DIA HE XNB GC SI      | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102923 | BY581P 250S/840 DIA HRO GC SI         | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102925 | BY581P 250S/840 DIA HE HRO GC SI      | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102927 | BY581P 250S/865 DIA WB GC SI          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102929 | BY581P 250S/865 DIA HE WB GC SI       | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102931 | BY581P 250S/830 DIA WB GC SI          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102933 | BY581P 250S/830 DIA HE WB GC SI       | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102935 | BY581P 250S/940 DIA WB GC SI          | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 to +55 °C             |
| 910505102936 | BY581P 250S/840 DIA HE WB GC SI XT 1m | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                         | -30 °C to 65 °C           |

| Order Code   | Full Product Name                        | Glow-wire test                    | Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | Strobo-scopic effect visibility measure (SVM) | Ambient temperature range |
|--------------|------------------------------------------|-----------------------------------|-----------------------------------------------------------------|-----------------------------------------------|---------------------------|
| 910505102937 | BY581P 350S/840 DIA HE WB GC SI XT 1m    | Temperature 650 °C, duration 30 s | 0.22                                                            | 0.01                                          | -30 °C to 55 °C           |
| 910505104541 | BY583P 250S/840 DIA HE WB GC SI 0.5m CW5 | Temperature 650 °C, duration 30 s | 0.12                                                            | 0.07                                          | -30 to +55 °C             |
| 910505102856 | BY580X 130S/840 SIA WB GC SI H4          | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102857 | BY580X 170S/840 SIA WB GC SI H4          | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102860 | BY580X 130S/840 SIA HE WB GC SI H4       | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |
| 910505102861 | BY580X 170S/840 SIA HE WB GC SI H4       | Temperature 650 °C, duration 30 s | 1                                                               | 0.4                                           | -30 to +55 °C             |

### Initial Performance (IEC Compliant)

| Order Code   | Full Product Name                        | Initial chromaticity  |
|--------------|------------------------------------------|-----------------------|
| 910505102953 | BY581P 700S/840 DIA WB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102954 | BY581P 700S/840 DIA HE WB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102955 | BY581P 700S/840 DIA WB GC SI BR          | (0.380, 0.375) SDCM 3 |
| 910505102956 | BY581P 700S/840 DIA HE WB GC SI BR       | (0.383, 0.377) SDCM 3 |
| 910505102865 | BY581X 250S/840 SIA WB GC SI H4 BR       | (0.380, 0.375) SDCM 3 |
| 910505102866 | BY581X 250S/840 SIA HE WB GC SI H4 BR    | (0.383, 0.377) SDCM 3 |
| 910505102858 | BY581X 250S/840 SIA WB GC SI H4          | (0.380, 0.375) SDCM 3 |
| 910505102859 | BY581X 350S/840 SIA WB GC SI H4          | (0.380, 0.375) SDCM 3 |
| 910505102862 | BY581X 250S/840 SIA HE WB GC SI H4       | (0.383, 0.377) SDCM 3 |
| 910505102863 | BY581X 350S/840 SIA HE WB GC SI H4       | (0.383, 0.377) SDCM 3 |
| 910505102868 | BY581X 250S/840 SIA WB GC SI ELP3 H4     | (0.380, 0.375) SDCM 3 |
| 910505102869 | BY581X 250S/840 SIA WB GC SI ELW3 H4     | (0.380, 0.375) SDCM 3 |
| 910505102870 | BY581X 250S/840 SIA HE WB GC SI ELP3 H4  | (0.383, 0.377) SDCM 3 |
| 910505102871 | BY581X 250S/840 SIA HE WB GC SI ELW3 H4  | (0.383, 0.377) SDCM 3 |
| 910505102864 | BY580X 170S/840 SIA WB GC SI H4 BR       | (0.380, 0.375) SDCM 3 |
| 910505102867 | BY580X 170S/840 SIA HE WB GC SI H4 BR    | (0.383, 0.377) SDCM 3 |
| 910505104565 | BY581P 250S/840 DIA HEWBGCSICHEMMBW1mCW5 | (0.383, 0.377) SDCM 3 |
| 910505102872 | BY580P 170S/840 PSU WB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102874 | BY580P 170S/840 PSU HE WB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102876 | BY580P 100S/840 DIA UE WB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102878 | BY580P 130S/840 DIA WB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102879 | BY580P 170S/840 DIA WB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102882 | BY580P 130S/840 DIA HE WB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102883 | BY580P 170S/840 DIA HE WB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102886 | BY580P 170S/840 DIA WB PC SI             | (0.380, 0.375) SDCM 3 |

| Order Code   | Full Product Name                        | Initial chromaticity  |
|--------------|------------------------------------------|-----------------------|
| 910505102890 | BY580P 170S/840 DIA HE WB PC SI          | (0.383, 0.377) SDCM 3 |
| 910505102894 | BY580P 170S/840 DIA WB GC SI ELP3        | (0.380, 0.375) SDCM 3 |
| 910505102896 | BY580P 170S/840 DIA HE WB GC SI ELP3     | (0.383, 0.377) SDCM 3 |
| 910505102898 | BY580P 130S/840 DIA MB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102899 | BY580P 170S/840 DIA MB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102903 | BY580P 130S/840 DIA HE MB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102904 | BY580P 170S/840 DIA HE MB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102914 | BY580P 170S/840 DIA NB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102916 | BY580P 170S/840 DIA HE NB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102918 | BY580P 170S/840 DIA XNB GC SI            | (0.380, 0.375) SDCM 3 |
| 910505102920 | BY580P 170S/840 DIA HE XNB GC SI         | (0.383, 0.377) SDCM 3 |
| 910505102922 | BY580P 170S/840 DIA HRO GC SI            | (0.380, 0.375) SDCM 3 |
| 910505102924 | BY580P 170S/840 DIA HE HRO GC SI         | (0.383, 0.377) SDCM 3 |
| 910505102926 | BY580P 170S/865 DIA WB GC SI             | (0.312, 0.327) SDCM 3 |
| 910505102928 | BY580P 170S/865 DIA HE WB GC SI          | (0.312, 0.325) SDCM 3 |
| 910505102930 | BY580P 170S/830 DIA WB GC SI             | (0.432, 0.400) SDCM 3 |
| 910505102932 | BY580P 170S/830 DIA HE WB GC SI          | (0.435, 0.401) SDCM 3 |
| 910505102934 | BY580P 170S/940 DIA WB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505104558 | BY580X 170S/840 SIA WB GC SI IA9         | (0.380, 0.375) SDCM 3 |
| 910505104560 | BY580X 170S/840 SIA HE WB GC SI ELP3 IA9 | (0.383, 0.377) SDCM 3 |
| 910505102910 | BY580P 170S/840 DIA ASYM GC SI MBW       | (0.380, 0.375) SDCM 3 |
| 910505102912 | BY580P 170S/840 DIA HE ASYM GC SI MBW    | (0.383, 0.377) SDCM 3 |
| 910505102889 | BY581P 250S/840 DIA WB GC SI BR          | (0.380, 0.375) SDCM 3 |
| 910505102893 | BY581P 250S/840 DIA HE WB GC SI BR       | (0.383, 0.377) SDCM 3 |
| 910505102907 | BY581P 250S/840 DIA ASYM GC SI BR        | (0.380, 0.375) SDCM 3 |
| 910505102909 | BY581P 250S/840 DIA HE ASYM GC SI BR     | (0.383, 0.377) SDCM 3 |
| 910505102911 | BY581P 250S/840 DIA ASYM GC SI MBW       | (0.380, 0.375) SDCM 3 |
| 910505102913 | BY581P 250S/840 DIA HE ASYM GC SI MBW    | (0.383, 0.377) SDCM 3 |
| 910505102938 | BY581P 350S/840 DIA HE WB GC SI BR XT 1m | (0.383, 0.377) SDCM 3 |
| 910505104551 | BY581P 250S/840 DIA HE WB GC SI MSP BR   | (0.383, 0.377) SDCM 3 |
| 910505104559 | BY581X 250S/840 SIA WB GC SI IA9         | (0.380, 0.375) SDCM 3 |
| 910505104561 | BY581X 250S/840 SIA HE WB GC SI ELP3 IA9 | (0.383, 0.377) SDCM 3 |
| 910505104563 | BY581P 250S/840 DIA HE WBGCSICHEMBR1mCW5 | (0.383, 0.377) SDCM 3 |
| 910505102888 | BY580P 170S/840 DIA WB GC SI BR          | (0.380, 0.375) SDCM 3 |
| 910505102892 | BY580P 170S/840 DIA HE WB GC SI BR       | (0.383, 0.377) SDCM 3 |
| 910505102908 | BY580P 170S/840 DIA HE ASYM GC SI BR     | (0.383, 0.377) SDCM 3 |
| 910505104550 | BY580P 170S/840 DIA HE WB GC SI MSP BR   | (0.383, 0.377) SDCM 3 |
| 910505104562 | BY580P 170S/840 DIA HE WBGCSICHEMBR1mCW5 | (0.383, 0.377) SDCM 3 |
| 910505104564 | BY580P 170S/840 DIA HEWBGCSICHEMBW1mCW5  | (0.383, 0.377) SDCM 3 |
| 910505102873 | BY581P 250S/840 PSU WB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102875 | BY581P 250S/840 PSU HE WB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102877 | BY581P 200S/840 DIA UE WB GC SI          | (0.383, 0.377) SDCM 3 |

| Order Code   | Full Product Name                        | Initial chromaticity  |
|--------------|------------------------------------------|-----------------------|
| 910505102880 | BY581P 250S/840 DIA WB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102881 | BY581P 350S/840 DIA WB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102884 | BY581P 250S/840 DIA HE WB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102885 | BY581P 350S/840 DIA HE WB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102887 | BY581P 250S/840 DIA WB PC SI             | (0.380, 0.375) SDCM 3 |
| 910505102891 | BY581P 250S/840 DIA HE WB PC SI          | (0.383, 0.377) SDCM 3 |
| 910505102895 | BY581P 250S/840 DIA WB GC SI ELD3        | (0.380, 0.375) SDCM 3 |
| 910505102897 | BY581P 250S/840 DIA HE WB GC SI ELD3     | (0.383, 0.377) SDCM 3 |
| 910505102901 | BY581P 250S/840 DIA MB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102902 | BY581P 350S/840 DIA MB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102905 | BY581P 250S/840 DIA HE MB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102906 | BY581P 350S/840 DIA HE MB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102915 | BY581P 250S/840 DIA NB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102917 | BY581P 250S/840 DIA HE NB GC SI          | (0.383, 0.377) SDCM 3 |
| 910505102919 | BY581P 250S/840 DIA XNB GC SI            | (0.380, 0.375) SDCM 3 |
| 910505102921 | BY581P 250S/840 DIA HE XNB GC SI         | (0.383, 0.377) SDCM 3 |
| 910505102923 | BY581P 250S/840 DIA HRO GC SI            | (0.380, 0.375) SDCM 3 |
| 910505102925 | BY581P 250S/840 DIA HE HRO GC SI         | (0.383, 0.377) SDCM 3 |
| 910505102927 | BY581P 250S/865 DIA WB GC SI             | (0.312, 0.327) SDCM 3 |
| 910505102929 | BY581P 250S/865 DIA HE WB GC SI          | (0.312, 0.325) SDCM 3 |
| 910505102931 | BY581P 250S/830 DIA WB GC SI             | (0.432, 0.400) SDCM 3 |
| 910505102933 | BY581P 250S/830 DIA HE WB GC SI          | (0.435, 0.401) SDCM 3 |
| 910505102935 | BY581P 250S/940 DIA WB GC SI             | (0.380, 0.375) SDCM 3 |
| 910505102936 | BY581P 250S/840 DIA HE WB GC SI XT 1m    | (0.383, 0.377) SDCM 3 |
| 910505102937 | BY581P 350S/840 DIA HE WB GC SI XT 1m    | (0.383, 0.377) SDCM 3 |
| 910505104541 | BY583P 250S/840 DIA HE WB GC SI 0.5m CW5 | (0.380, 0.375) SDCM 3 |
| 910505102856 | BY580X 130S/840 SIA WB GC SI H4          | (0.380, 0.375) SDCM 3 |
| 910505102857 | BY580X 170S/840 SIA WB GC SI H4          | (0.380, 0.375) SDCM 3 |
| 910505102860 | BY580X 130S/840 SIA HE WB GC SI H4       | (0.383, 0.377) SDCM 3 |
| 910505102861 | BY580X 170S/840 SIA HE WB GC SI H4       | (0.383, 0.377) SDCM 3 |

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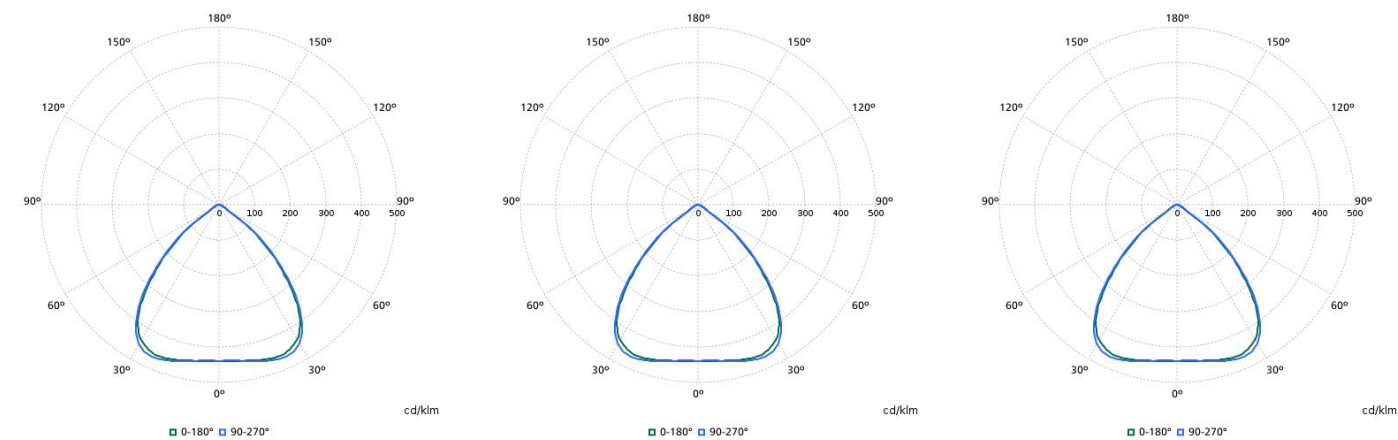
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| 910505102956 | BY581P 700S/840 DIA HE WB GC SI BR    | BY581P              |
| 910505102865 | BY581X 250S/840 SIA WB GC SI H4 BR    | BY580X              |
| 910505102866 | BY581X 250S/840 SIA HE WB GC SI H4 BR | BY581X              |
| 910505102858 | BY581X 250S/840 SIA WB GC SI H4       | BY580X              |
| 910505102859 | BY581X 350S/840 SIA WB GC SI H4       | BY581X              |
| 910505102862 | BY581X 250S/840 SIA HE WB GC SI H4    | BY581X              |

| Order Code   | Full Product Name                        | Product family code |
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| 910505102868 | BY581X 250S/840 SIA WB GC SI ELP3 H4     | BY581X              |
| 910505102869 | BY581X 250S/840 SIA WB GC SI ELW3 H4     | BY581X              |
| 910505102870 | BY581X 250S/840 SIA HE WB GC SI ELP3 H4  | BY581X              |
| 910505102871 | BY581X 250S/840 SIA HE WB GC SI ELW3 H4  | BY581X              |
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| 910505102867 | BY580X 170S/840 SIA HE WB GC SI H4 BR    | BY580X              |
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| 910505102872 | BY580P 170S/840 PSU WB GC SI             | BY580P              |
| 910505102874 | BY580P 170S/840 PSU HE WB GC SI          | BY580P              |
| 910505102876 | BY580P 100S/840 DIA UE WB GC SI          | BY580P              |
| 910505102878 | BY580P 130S/840 DIA WB GC SI             | BY580P              |
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| 910505104551 | BY581P 250S/840 DIA HE WB GC SI MSP BR   | BY581P              |
| 910505104559 | BY581X 250S/840 SIA WB GC SI IA9         | BY581X              |
| 910505104561 | BY581X 250S/840 SIA HE WB GC SI ELP3 IA9 | BY581X              |
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| 910505102875 | BY581P 250S/840 PSU HE WB GC SI          | BY581P              |
| 910505102877 | BY581P 200S/840 DIA UE WB GC SI          | BY581P              |
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| 910505102936 | BY581P 250S/840 DIA HE WB GC SI XT 1m    | BY581P              |
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| Order Code   | Full Product Name                  | Product family code |
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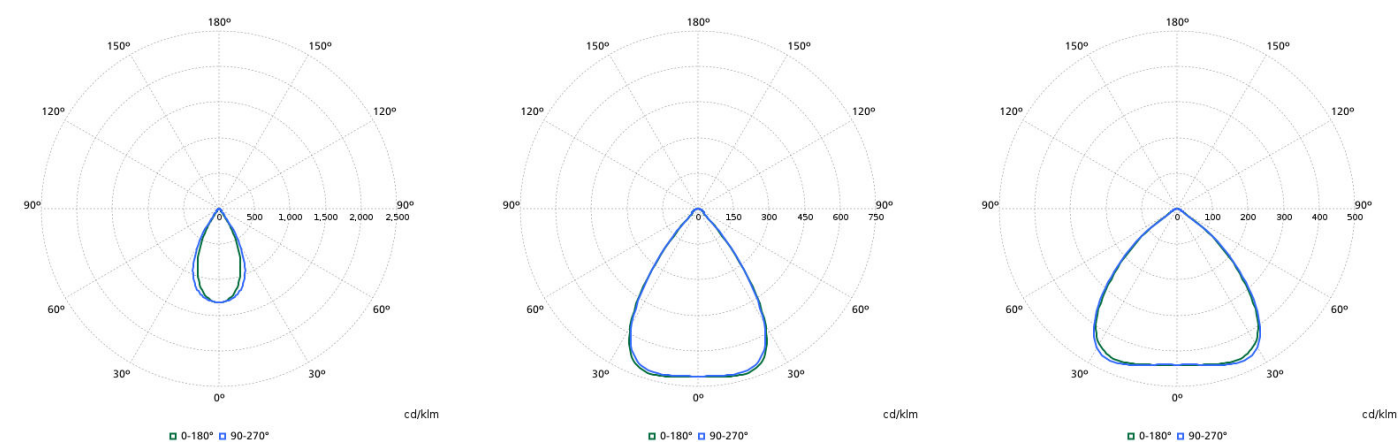
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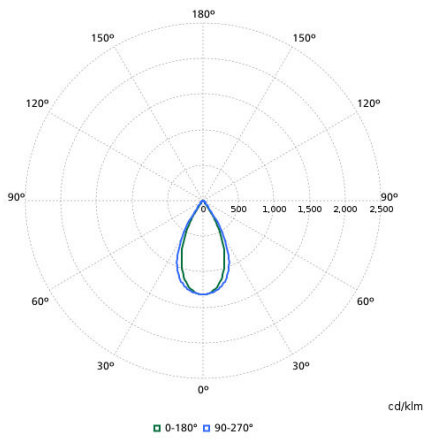
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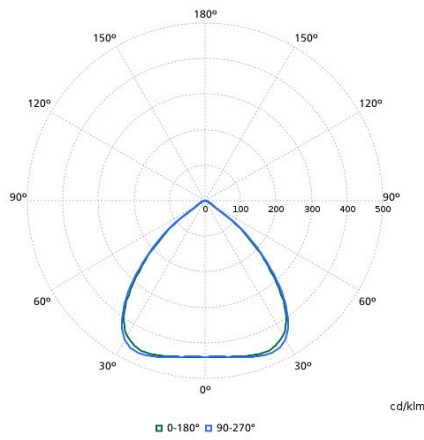
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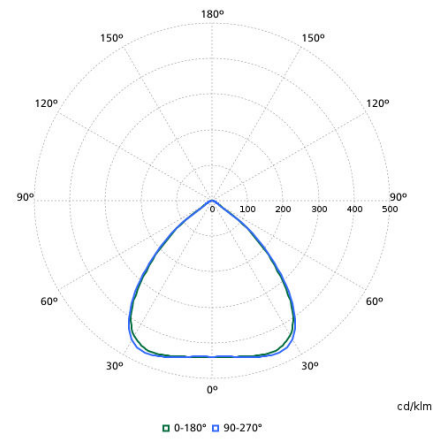
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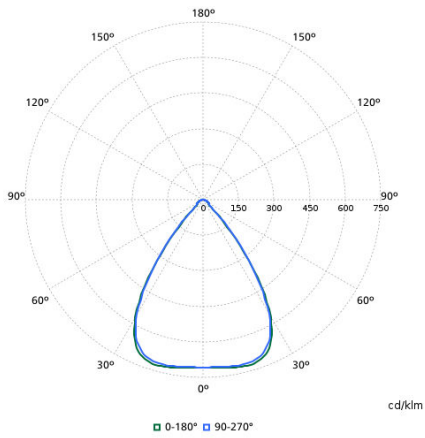
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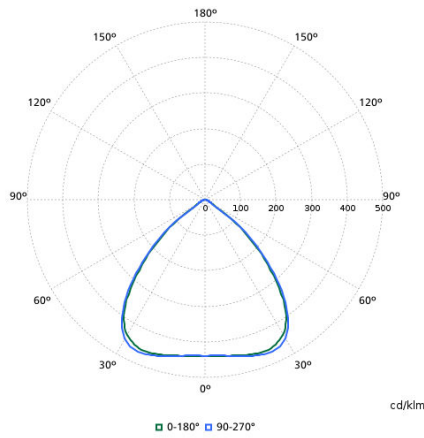
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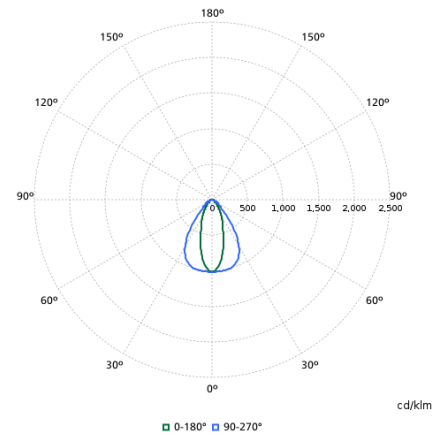
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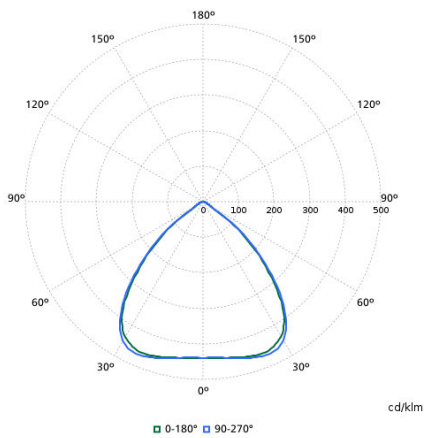
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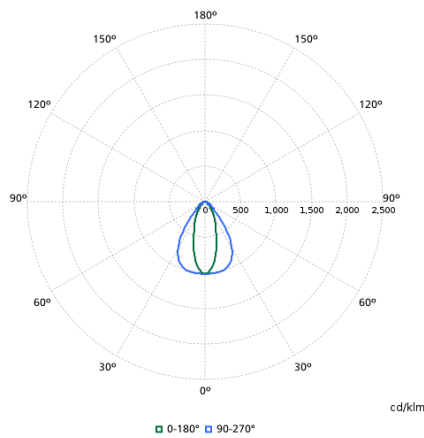
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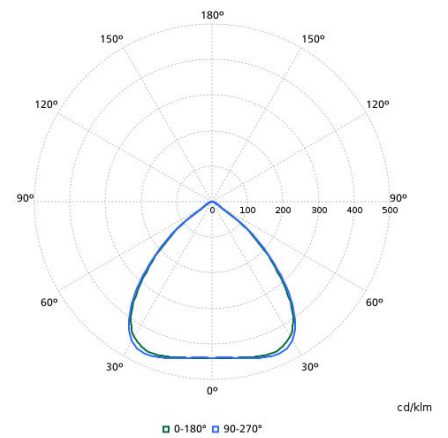
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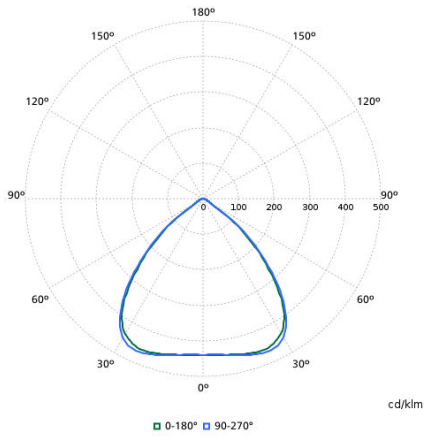
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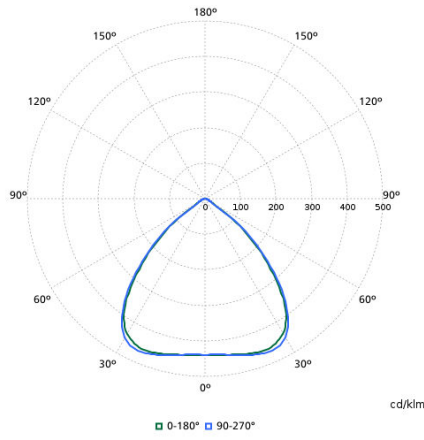
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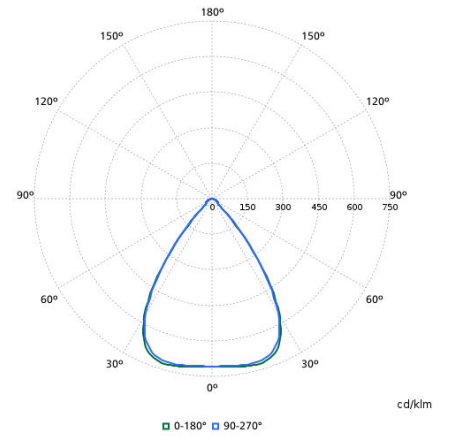
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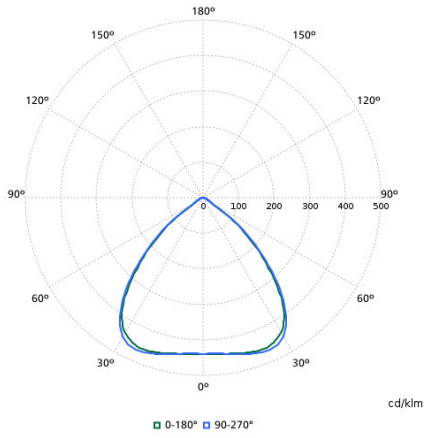
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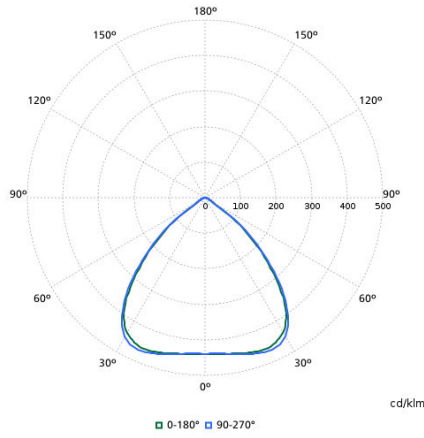
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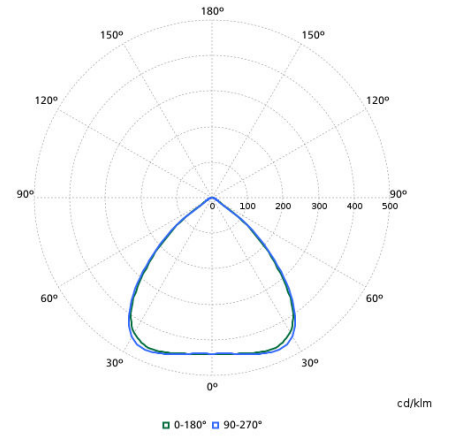
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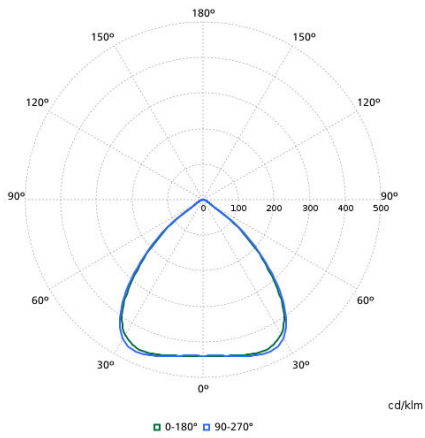
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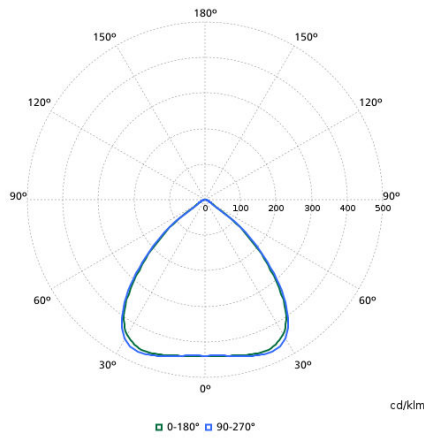
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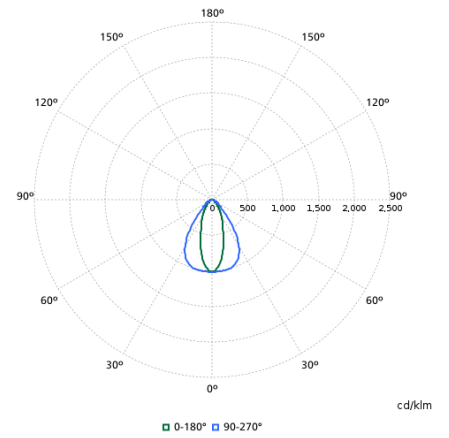
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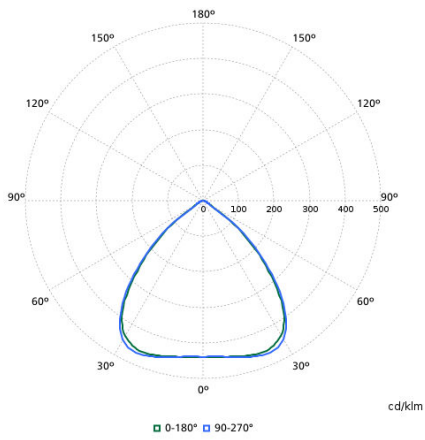
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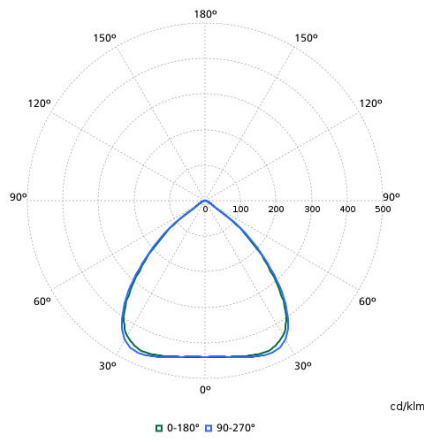
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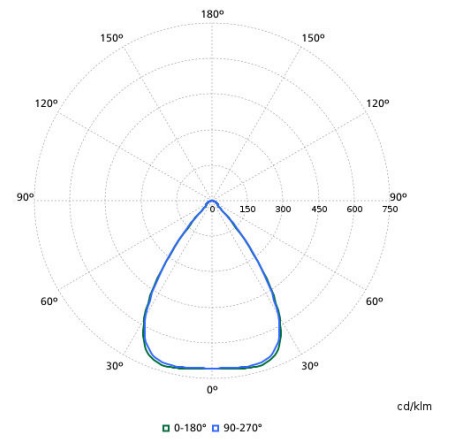
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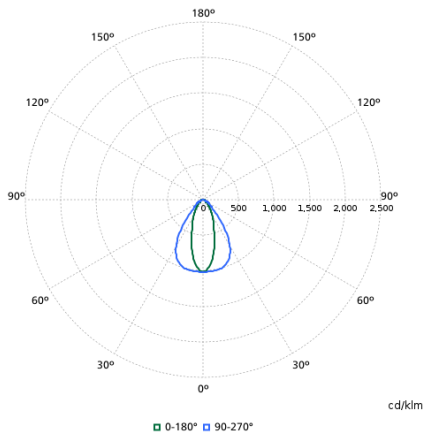
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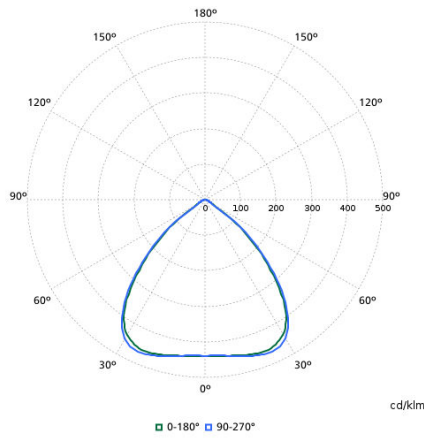
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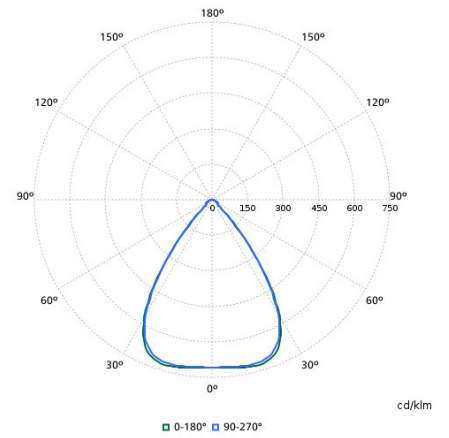
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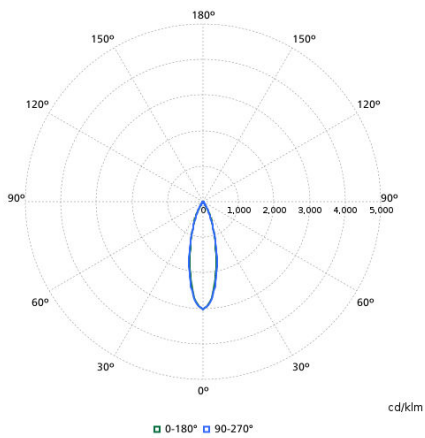
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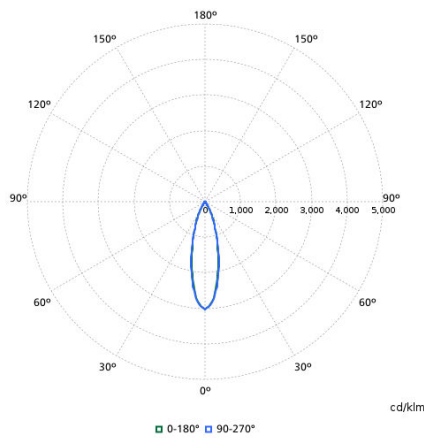
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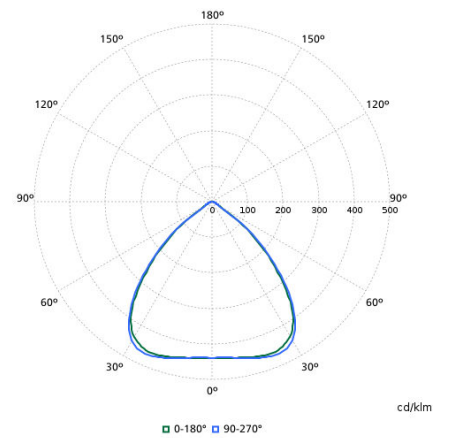
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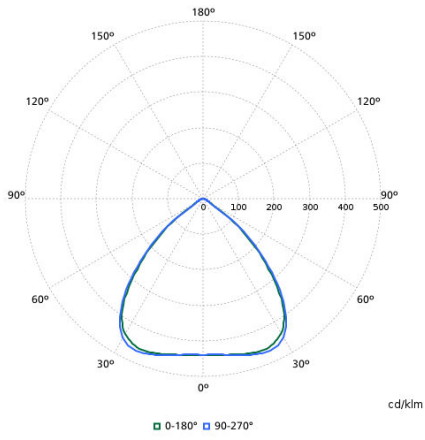
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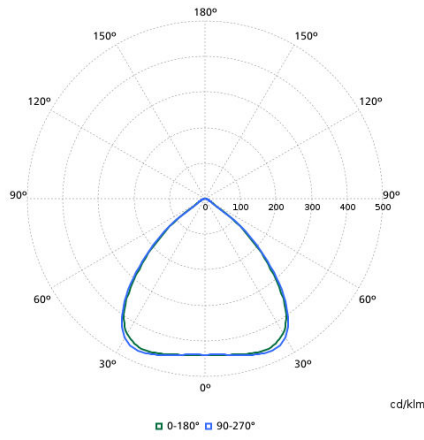
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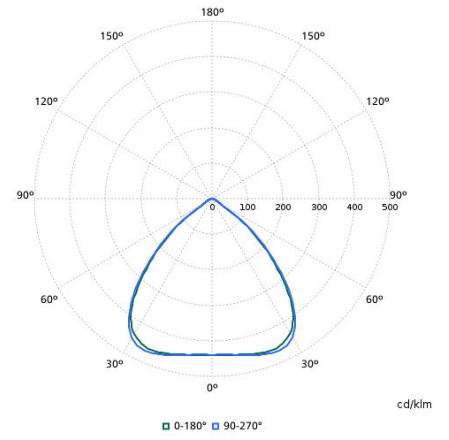
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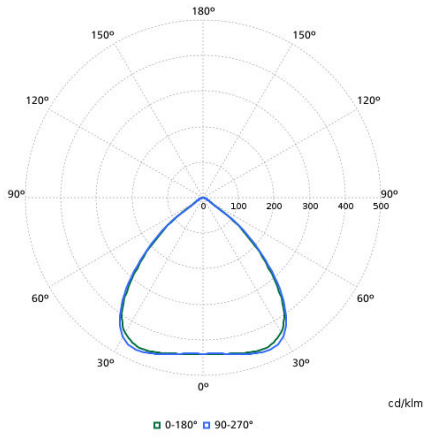
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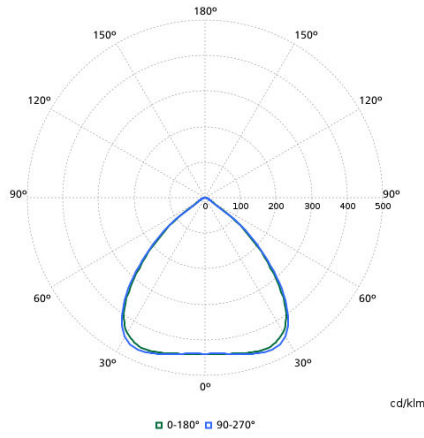
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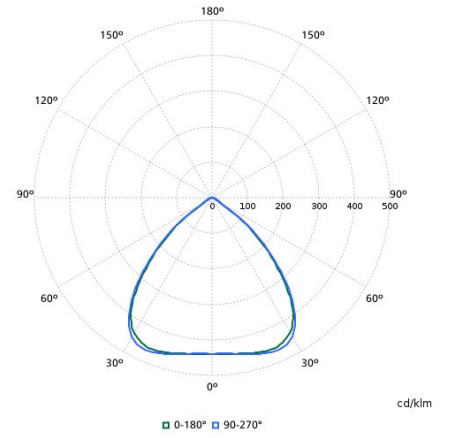
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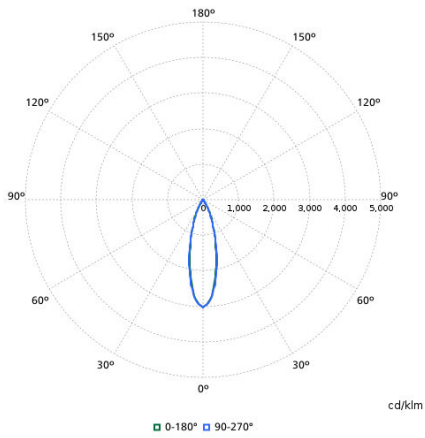
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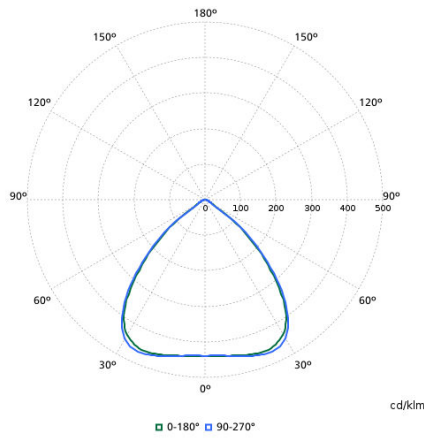
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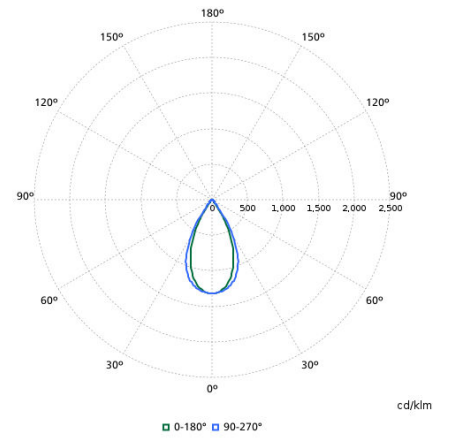
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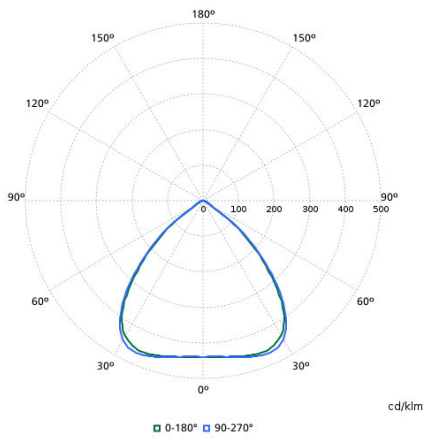
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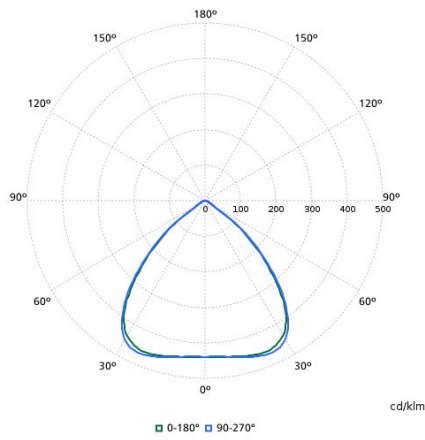
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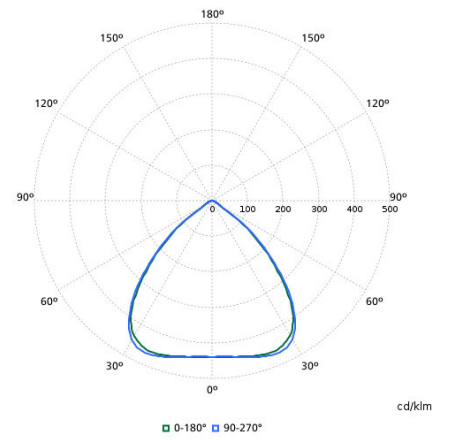
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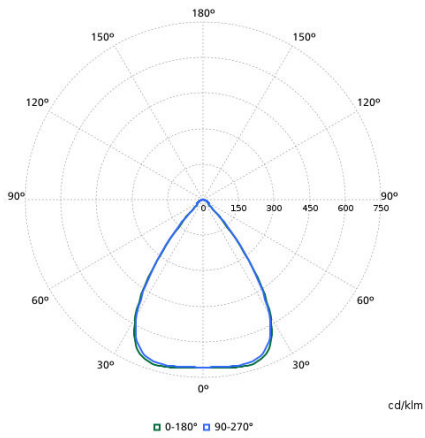
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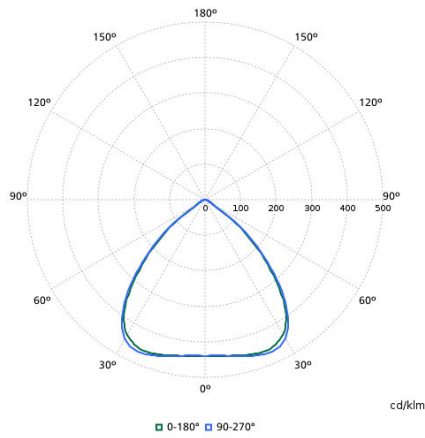
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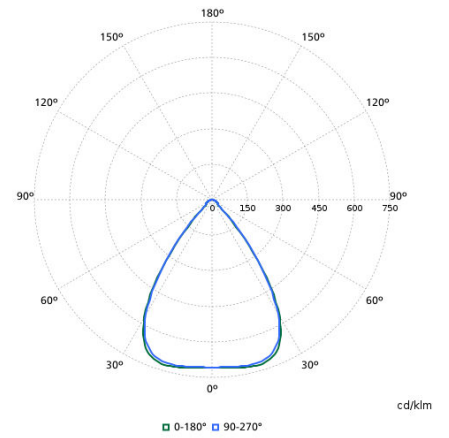
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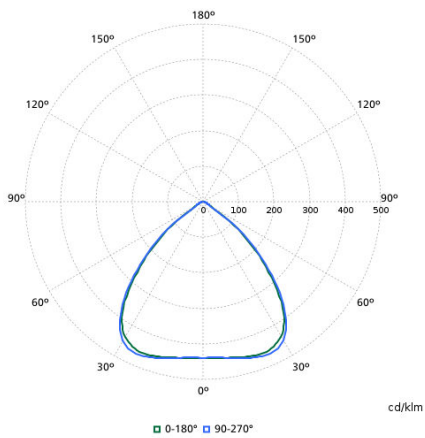
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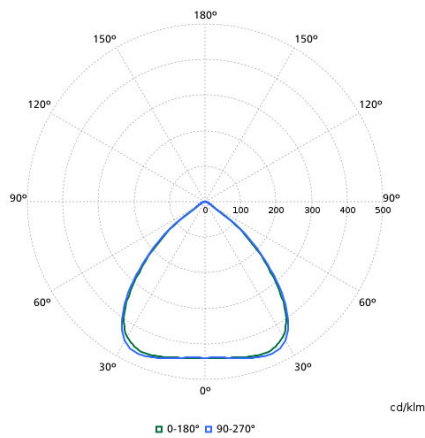
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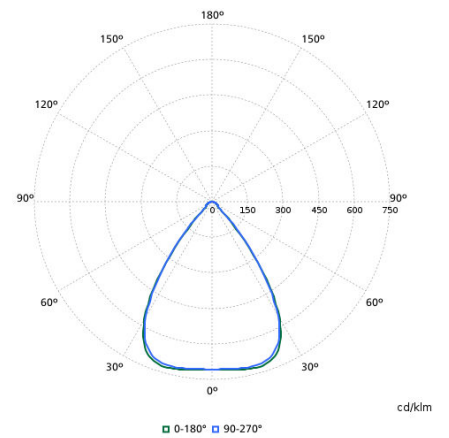
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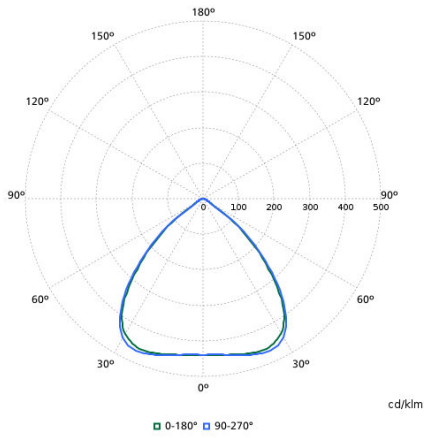
BY580PI - 910505102886



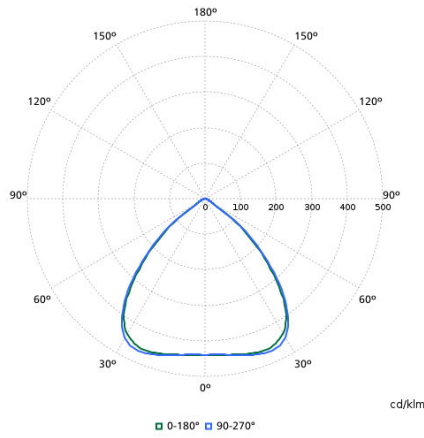
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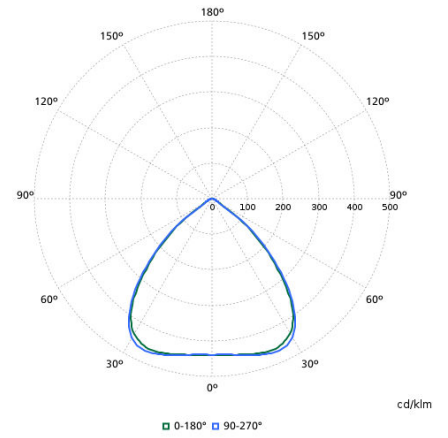
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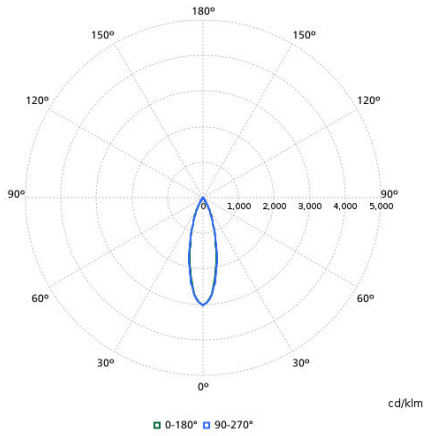
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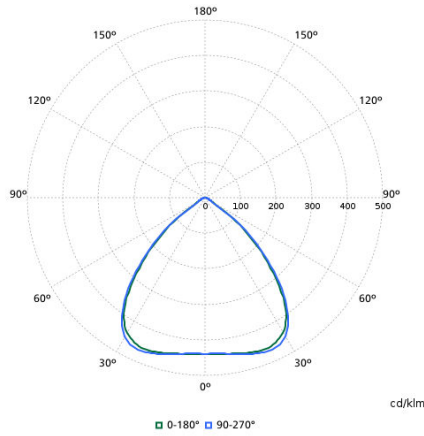
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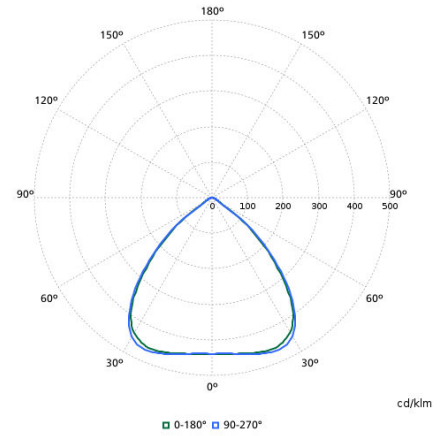
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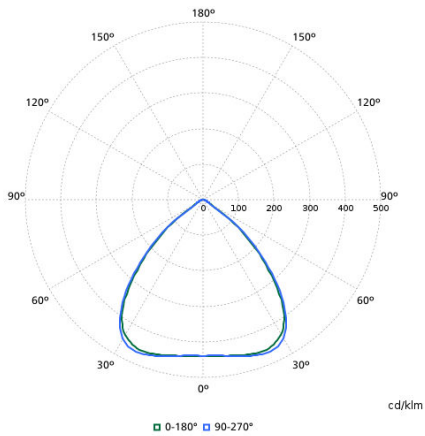
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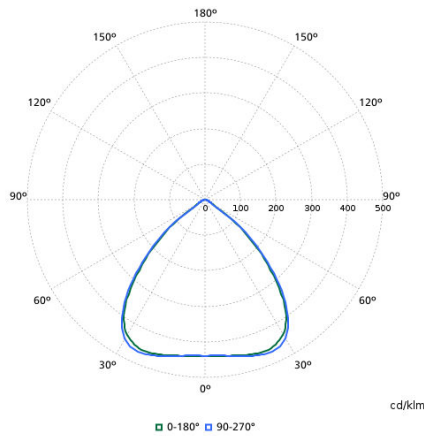
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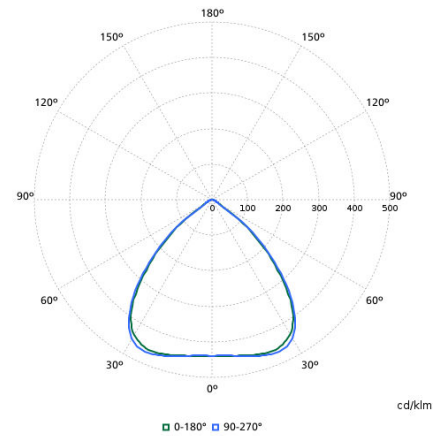
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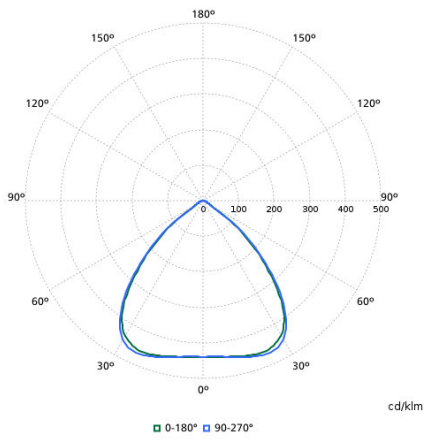
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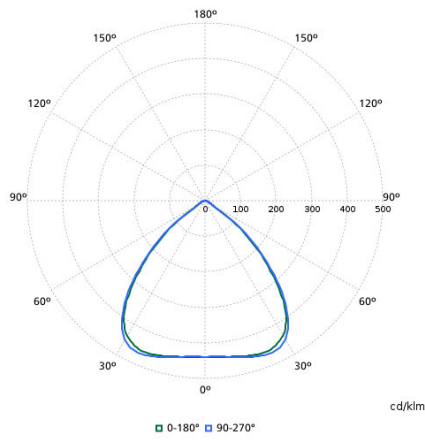
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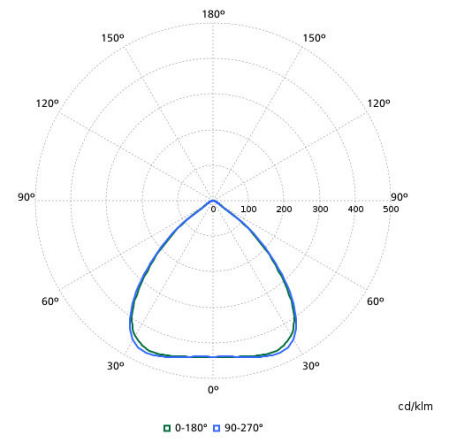
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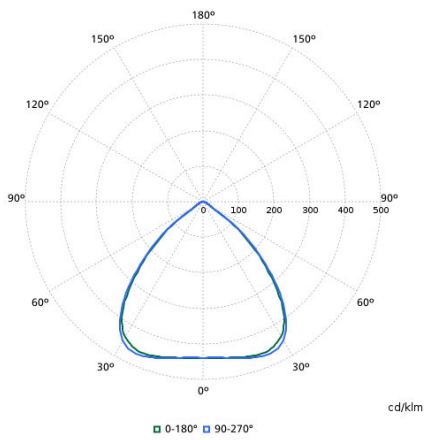
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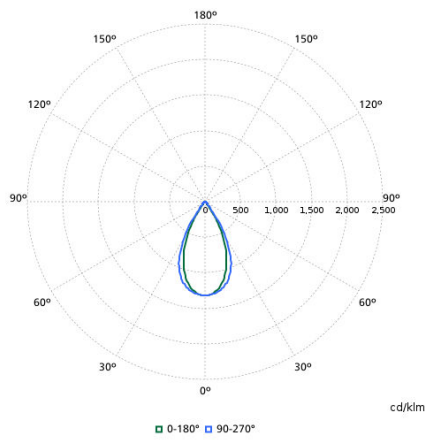
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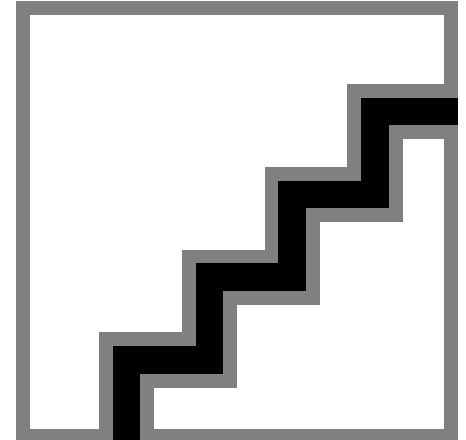
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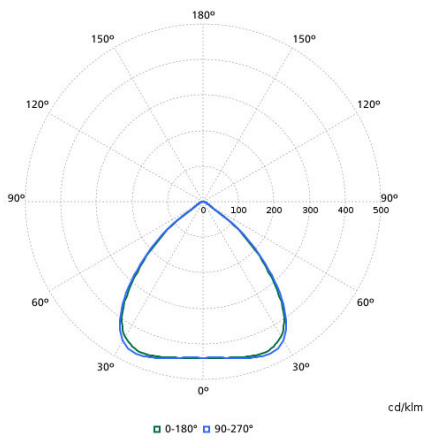
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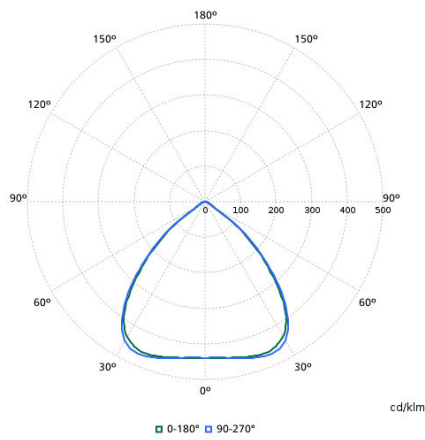
BY580PI - 910505102917



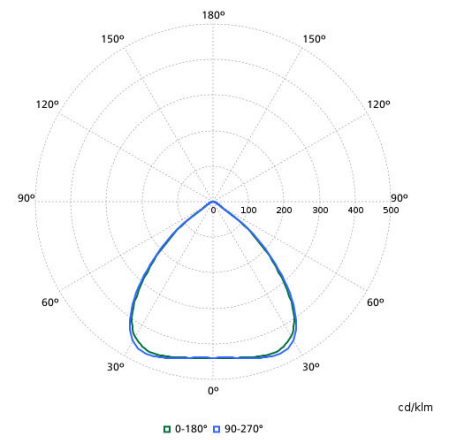
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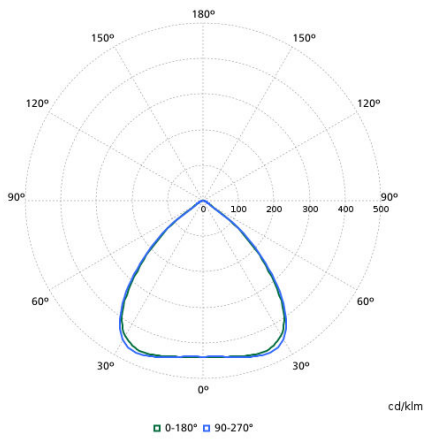
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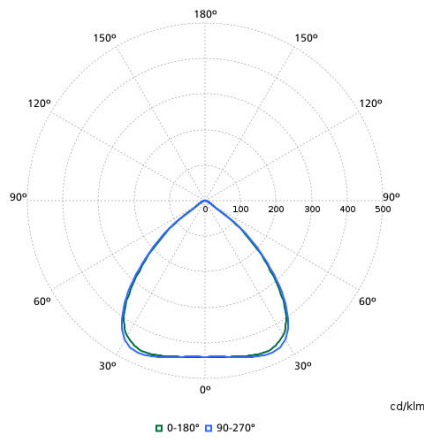
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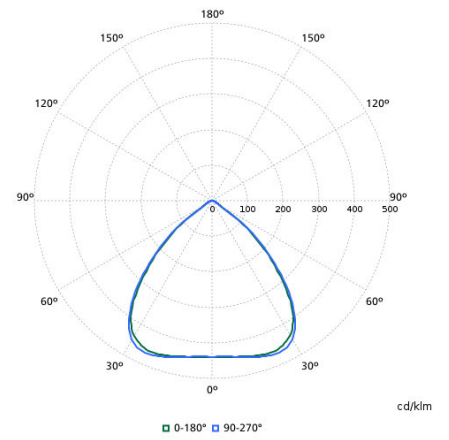
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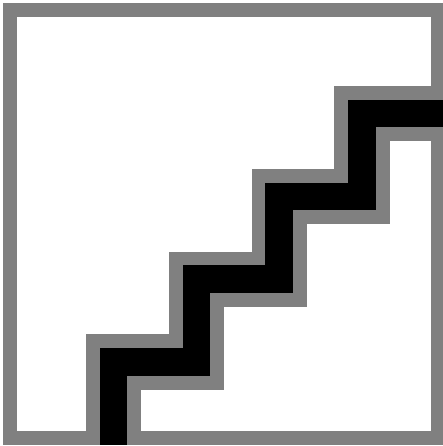
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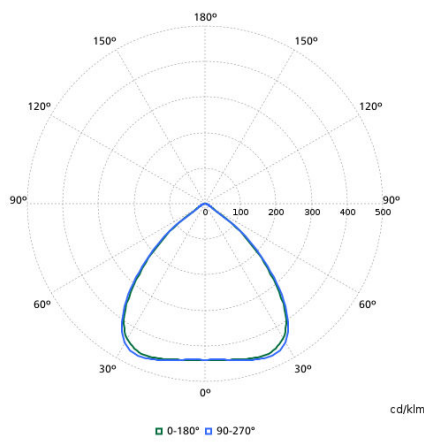
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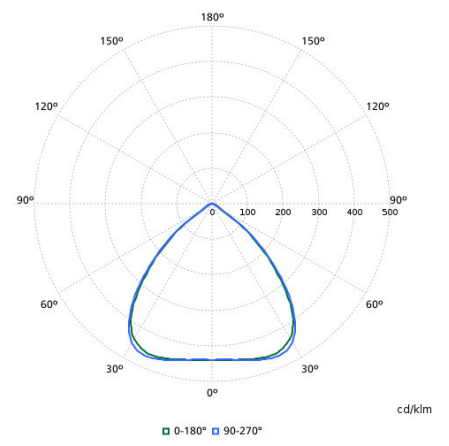
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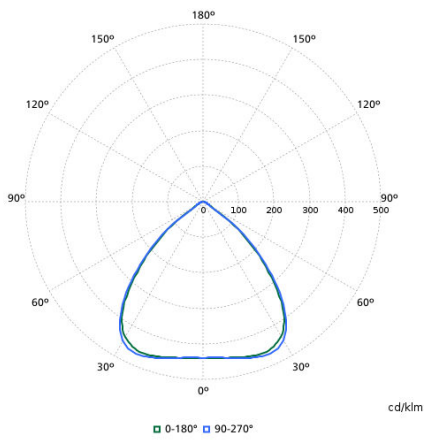
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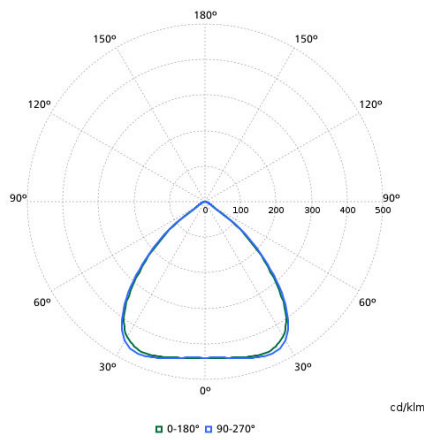
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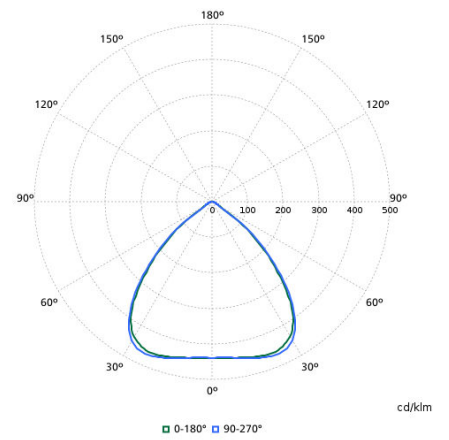
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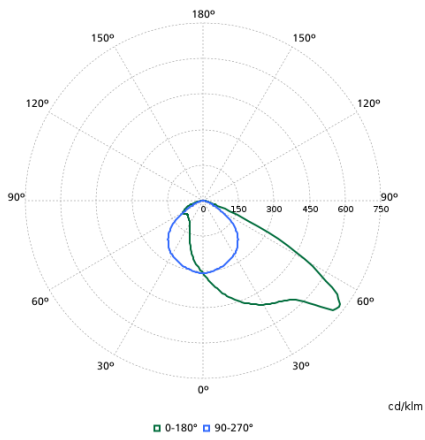
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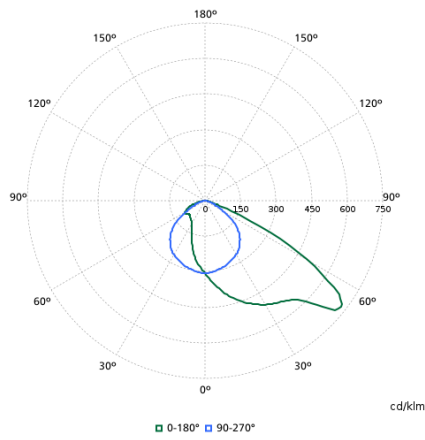
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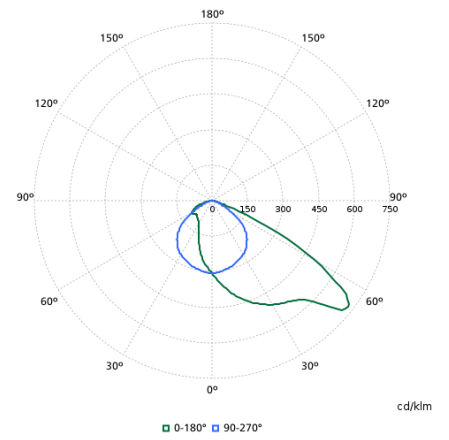
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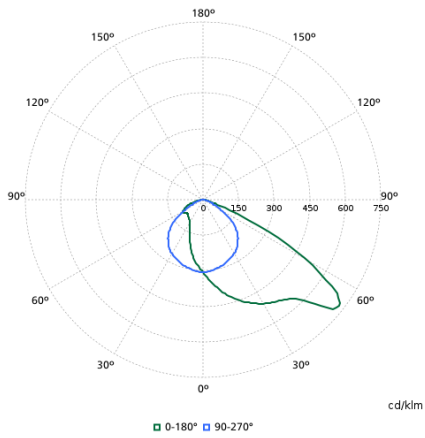
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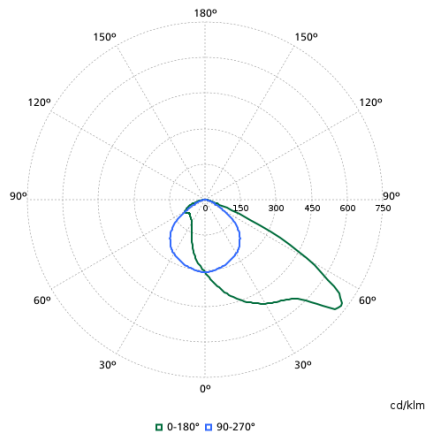
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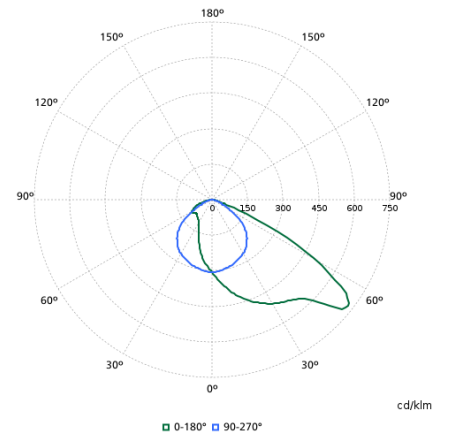
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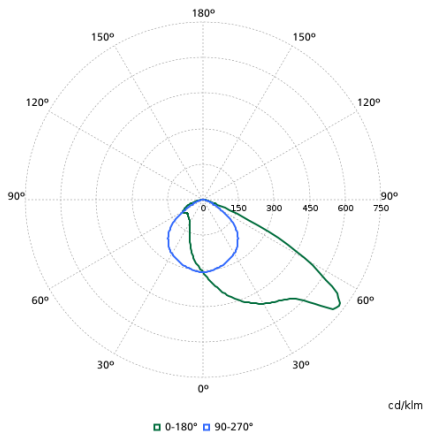
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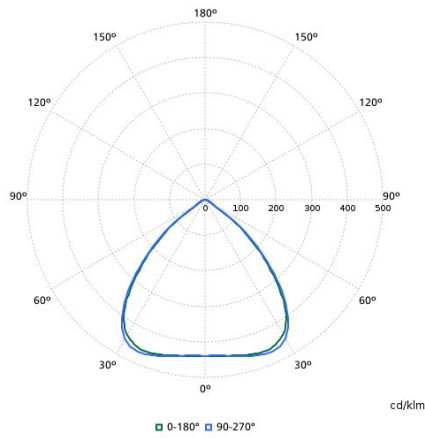
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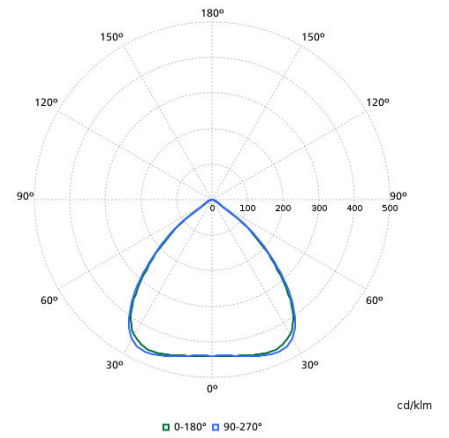
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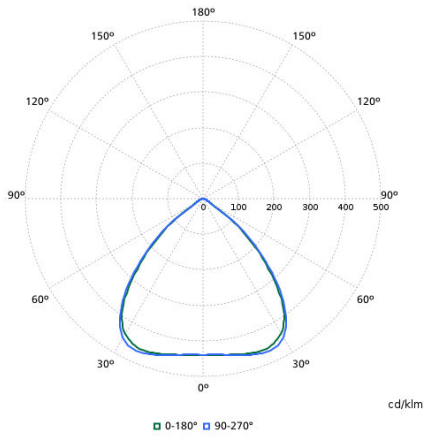
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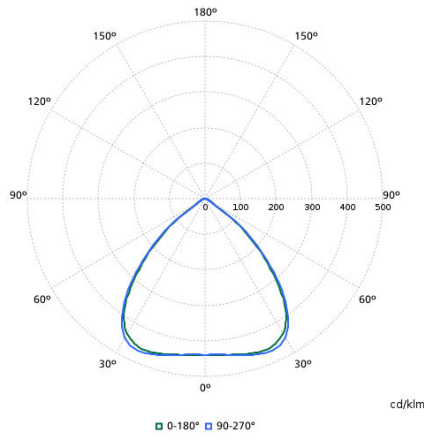
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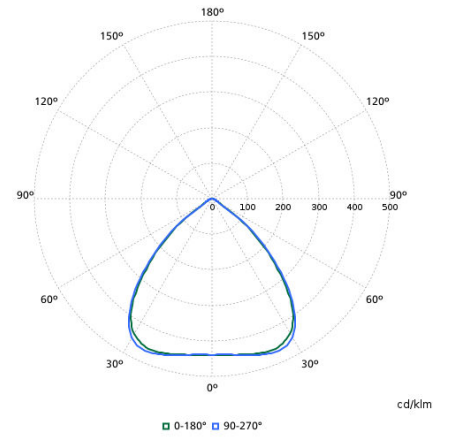
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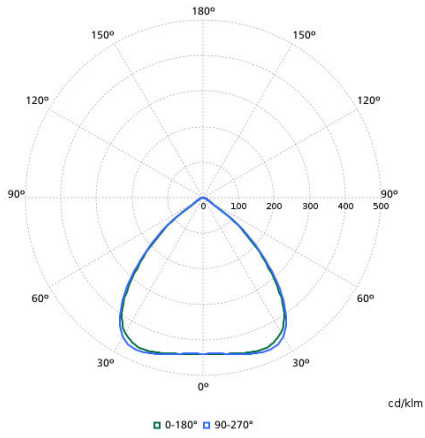
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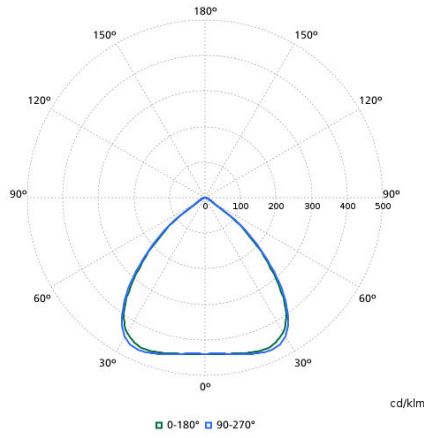
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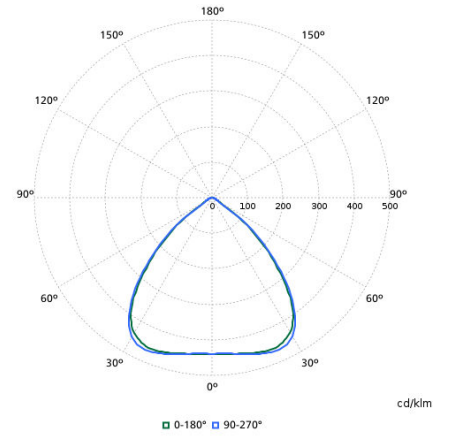
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