



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-small,
suspension



GentleSpace gen4-large,
bracket



GentleSpace gen4



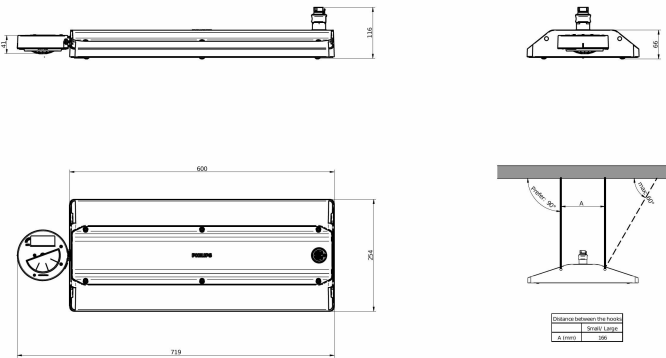
GentleSpace gen4-large,
suspension



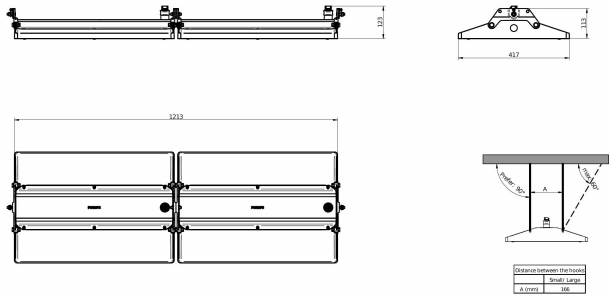
GentleSpace gen4, Interact
Ready

Dimensional drawing

BY580X suspended

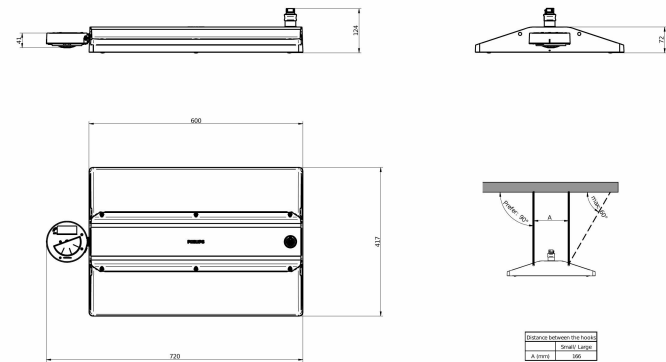


700s suspended

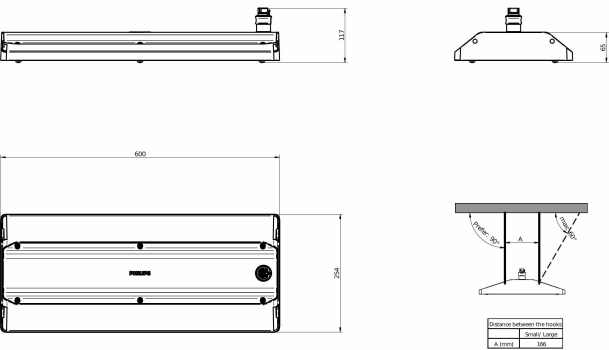


BY580X 170S/840 SIA WB GC SI H4

BY581X suspended



BY580P, BY582P suspended

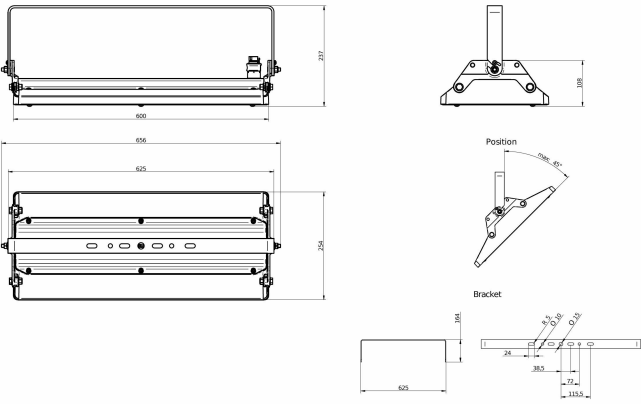
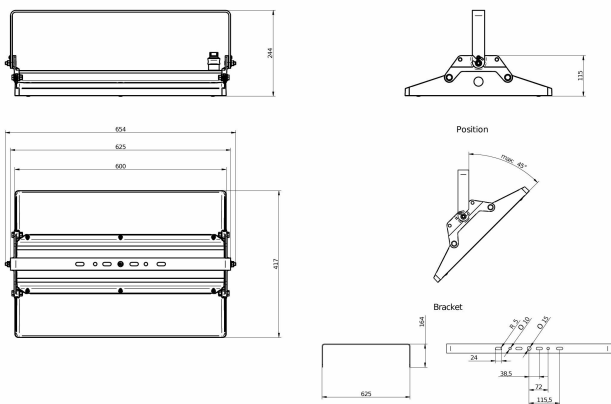


BY581X 250S/840 SIA HE WB GC SI ELW3 H4

BY580P 130S/840 DIA WB GC SI

BY581P, BY583P Bracket

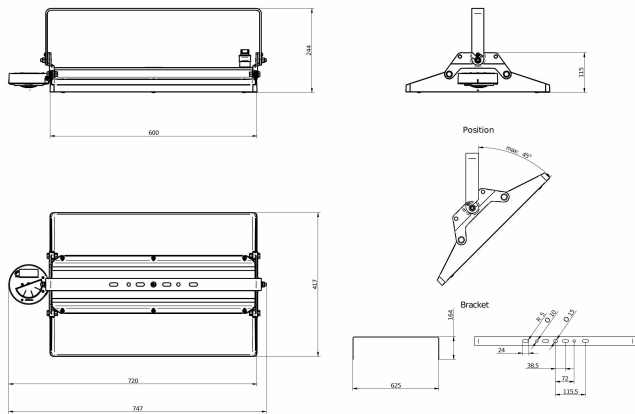
BY580P, BY582P Bracket



BY581P 250S/840 DIA HE WB GC SI BR

BY580P 170S/840 DIA HE WB GC SI BR

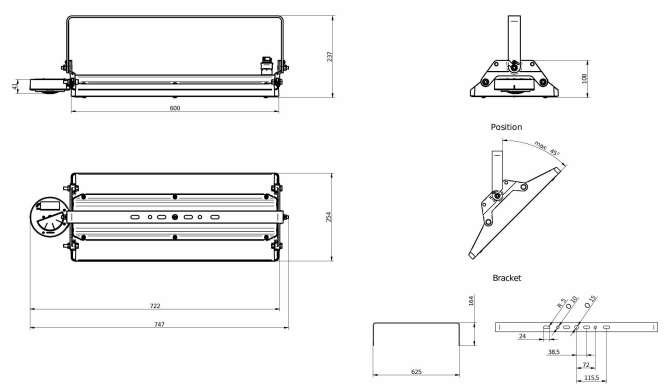
BY581X Bracket



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 HE WB GC SI H4 BR

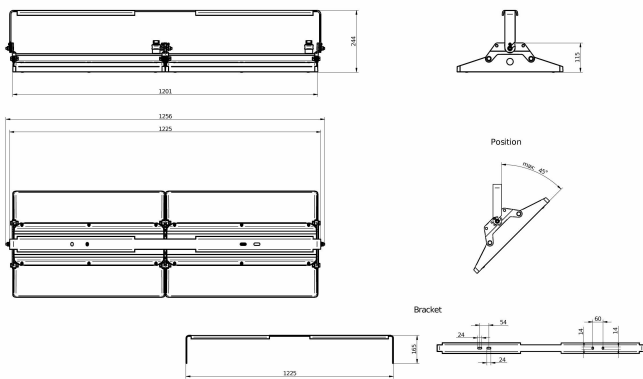
BY580X Bracket



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

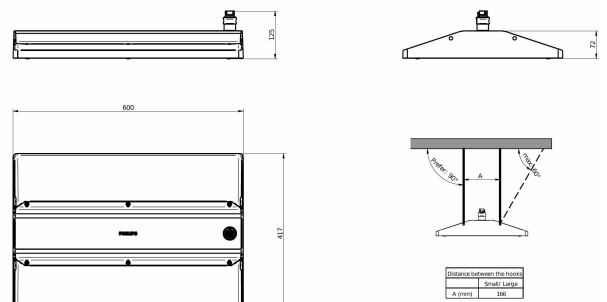
700S Bracket



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

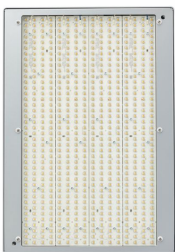
BY581P, BY583P suspended



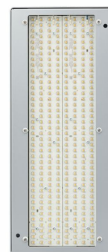
With Wieland connector on a cable or free cable finish, cable length is: 0.5m or 1m or 1.5m. or 2m

BY581P 250S/840 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)
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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

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]

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%
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)	Optic type
58949000	BY581P 700S/840 DIA WB GC SI	70,000 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
58950600	BY581P 700S/840 DIA HE WB GC SI	70,000 lm	4000 K	177 lm/W	>80	Wide beam
58951300	BY581P 700S/840 DIA WB GC SI BR	70,000 lm	4000 K	167 lm/W	>80	Wide beam
58952000	BY581P 700S/840 DIA HE WB GC SI BR	70,000 lm	4000 K	177 lm/W	>80	Wide beam
59401200	BY581X 250S/840 SIA WB GC SI H4 BR	25,000 lm	4000 K	174 lm/W	>80	Wide beam
59402900	BY581X 250S/840 SIA HE WB GC SI H4 BR	25,000 lm	4000 K	184 lm/W	>80	Wide beam
59394700	BY581X 250S/840 SIA WB GC SI H4	25,000 lm	4000 K	174 lm/W	>80	Wide beam
59395400	BY581X 350S/840 SIA WB GC SI H4	35,000 lm	4000 K	167 lm/W	>80	Wide beam
59398500	BY581X 250S/840 SIA HE WB GC SI H4	25,000 lm	4000 K	184 lm/W	>80	Wide beam
59399200	BY581X 350S/840 SIA HE WB GC SI H4	35,000 lm	4000 K	177 lm/W	>80	Wide beam
59404300	BY581X 250S/840 SIA WB GC SI ELP3 H4	25,000 lm	4000 K	174 lm/W	>80	Wide beam
59405000	BY581X 250S/840 SIA WB GC SI ELW3 H4	25,000 lm	4000 K	174 lm/W	>80	Wide beam
59406700	BY581X 250S/840 SIA HE WB GC SI ELP3 H4	25,000 lm	4000 K	184 lm/W	>80	Wide beam
59407400	BY581X 250S/840 SIA HE WB GC SI ELW3 H4	25,000 lm	4000 K	184 lm/W	>80	Wide beam
59400500	BY580X 170S/840 SIA WB GC SI H4 BR	17,000 lm	4000 K	167 lm/W	>80	Wide beam
59403600	BY580X 170S/840 SIA HE WB GC SI H4 BR	17,000 lm	4000 K	175 lm/W	>80	Wide beam
59408100	BY580P 170S/840 PSU WB GC SI	17,000 lm	4000 K	167 lm/W	>80	Wide beam
59410400	BY580P 170S/840 PSU HE WB GC SI	17,000 lm	4000 K	175 lm/W	>80	Wide beam
59414200	BY580P 130S/840 DIA WB GC SI	13,000 lm	4000 K	171 lm/W	>80	Wide beam
59415900	BY580P 170S/840 DIA WB GC SI	17,000 lm	4000 K	167 lm/W	>80	Wide beam
59418000	BY580P 130S/840 DIA HE WB GC SI	13,000 lm	4000 K	178 lm/W	>80	Wide beam
59419700	BY580P 170S/840 DIA HE WB GC SI	17,000 lm	4000 K	175 lm/W	>80	Wide beam
59422700	BY580P 170S/840 DIA WB PC SI	17,000 lm	4000 K	155 lm/W	>80	Wide beam
59426500	BY580P 170S/840 DIA HE WB PC SI	17,000 lm	4000 K	164 lm/W	>80	Wide beam
59430200	BY580P 170S/840 DIA WB GC SI ELP3	17,000 lm	4000 K	167 lm/W	>80	Wide beam
59432600	BY580P 170S/840 DIA HE WB GC SI ELP3	17,000 lm	4000 K	175 lm/W	>80	Wide beam
59434000	BY580P 130S/840 DIA MB GC SI	13,000 lm	4000 K	169 lm/W	>80	Medium beam
59435700	BY580P 170S/840 DIA MB GC SI	17,000 lm	4000 K	164 lm/W	>80	Medium beam
59438800	BY580P 130S/840 DIA HE MB GC SI	13,000 lm	4000 K	178 lm/W	>80	Medium beam
59439500	BY580P 170S/840 DIA HE MB GC SI	17,000 lm	4000 K	174 lm/W	>80	Medium beam
58908700	BY580P 170S/840 DIA NB GC SI	17,000 lm	4000 K	164 lm/W	>80	Narrow beam
58910000	BY580P 170S/840 DIA HE NB GC SI	17,000 lm	4000 K	174 lm/W	>80	Narrow beam
58912400	BY580P 170S/840 DIA XNB GC SI	17,000 lm	4000 K	164 lm/W	>80	Narrow beam
58914800	BY580P 170S/840 DIA HE XNB GC SI	17,000 lm	4000 K	174 lm/W	>80	Narrow beam
58916200	BY580P 170S/840 DIA HRO GC SI	17,000 lm	4000 K	164 lm/W	>80	High-rack optic
58918600	BY580P 170S/840 DIA HE HRO GC SI	17,000 lm	4000 K	174 lm/W	>80	High-rack optic
58920900	BY580P 170S/865 DIA WB GC SI	17,000 lm	6500 K	164 lm/W	>80	Wide beam
58922300	BY580P 170S/865 DIA HE WB GC SI	17,000 lm	6500 K	172 lm/W	>80	Wide beam
58924700	BY580P 170S/830 DIA WB GC SI	17,000 lm	3000 K	155 lm/W	>80	Wide beam
58926100	BY580P 170S/830 DIA HE WB GC SI	17,000 lm	3000 K	159 lm/W	>80	Wide beam
58928500	BY580P 170S/940 DIA WB GC SI	17,000 lm	4000 K	157 lm/W	>90	Wide beam
59425800	BY581P 250S/840 DIA WB GC SI BR	25,000 lm	4000 K	174 lm/W	>80	Wide beam
59429600	BY581P 250S/840 DIA HE WB GC SI 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
59047200	BY581P 250S/840 DIA HE WB GC SI MSP BR	25,000 lm	4000 K	181 lm/W	>80	Wide beam
59049600	BY581P 250S/840 PSD WB GC II SI BR	25,000 lm	4000 K	174 lm/W	>80	Wide beam
59424100	BY580P 170S/840 DIA WB GC SI BR	17,000 lm	4000 K	167 lm/W	>80	Wide beam
59428900	BY580P 170S/840 DIA HE WB GC SI BR	17,000 lm	4000 K	175 lm/W	>80	Wide beam
59046500	BY580P 170S/840 DIA HE WB GC SI MSP BR	17,000 lm	4000 K	175 lm/W	>80	Wide beam
59409800	BY581P 250S/840 PSU WB GC SI	25,000 lm	4000 K	174 lm/W	>80	Wide beam
59411100	BY581P 250S/840 PSU HE WB GC SI	25,000 lm	4000 K	184 lm/W	>80	Wide beam
59413500	BY581P 200S/840 DIA UE WB GC SI	20,000 lm	4000 K	189 lm/W	>80	Wide beam
59416600	BY581P 250S/840 DIA WB GC SI	25,000 lm	4000 K	174 lm/W	>80	Wide beam
59417300	BY581P 350S/840 DIA WB GC SI	35,000 lm	4000 K	167 lm/W	>80	Wide beam
59420300	BY581P 250S/840 DIA HE WB GC SI	25,000 lm	4000 K	181 lm/W	>80	Wide beam
59421000	BY581P 350S/840 DIA HE WB GC SI	35,000 lm	4000 K	177 lm/W	>80	Wide beam
59423400	BY581P 250S/840 DIA WB PC SI	25,000 lm	4000 K	162 lm/W	>80	Wide beam
59427200	BY581P 250S/840 DIA HE WB PC SI	25,000 lm	4000 K	171 lm/W	>80	Wide beam
59431900	BY581P 250S/840 DIA WB GC SI ELD3	25,000 lm	4000 K	174 lm/W	>80	Wide beam
59433300	BY581P 250S/840 DIA HE WB GC SI ELD3	25,000 lm	4000 K	181 lm/W	>80	Wide beam
59436400	BY581P 250S/840 DIA MB GC SI	25,000 lm	4000 K	171 lm/W	>80	Medium beam
59437100	BY581P 350S/840 DIA MB GC SI	35,000 lm	4000 K	167 lm/W	>80	Medium beam
59440100	BY581P 250S/840 DIA HE MB GC SI	25,000 lm	4000 K	181 lm/W	>80	Medium beam
59441800	BY581P 350S/840 DIA HE MB GC SI	35,000 lm	4000 K	175 lm/W	>80	Medium beam
58909400	BY581P 250S/840 DIA NB GC SI	25,000 lm	4000 K	171 lm/W	>80	Narrow beam
58911700	BY581P 250S/840 DIA HE NB GC SI	25,000 lm	4000 K	181 lm/W	>80	Narrow beam
58913100	BY581P 250S/840 DIA XNB GC SI	25,000 lm	4000 K	171 lm/W	>80	Narrow beam
58915500	BY581P 250S/840 DIA HE XNB GC SI	25,000 lm	4000 K	181 lm/W	>80	Narrow beam
58917900	BY581P 250S/840 DIA HRO GC SI	25,000 lm	4000 K	171 lm/W	>80	High-rack optic
58919300	BY581P 250S/840 DIA HE HRO GC SI	25,000 lm	4000 K	181 lm/W	>80	High-rack optic
58921600	BY581P 250S/865 DIA WB GC SI	25,000 lm	6500 K	171 lm/W	>80	Wide beam
58923000	BY581P 250S/865 DIA HE WB GC SI	25,000 lm	6500 K	179 lm/W	>80	Wide beam
58925400	BY581P 250S/830 DIA WB GC SI	25,000 lm	3000 K	162 lm/W	>80	Wide beam
58927800	BY581P 250S/830 DIA HE WB GC SI	25,000 lm	3000 K	171 lm/W	>80	Wide beam
58929200	BY581P 250S/940 DIA WB GC SI	25,000 lm	4000 K	165 lm/W	>90	Wide beam
59392300	BY580X 130S/840 SIA WB GC SI H4	13,000 lm	4000 K	171 lm/W	>80	Wide beam
59393000	BY580X 170S/840 SIA WB GC SI H4	17,000 lm	4000 K	167 lm/W	>80	Wide beam
59396100	BY580X 130S/840 SIA HE WB GC SI H4	13,000 lm	4000 K	178 lm/W	>80	Wide beam
59397800	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	Protection class IEC
58949000	BY581P 700S/840 DIA WB GC SI	420 W	No	Safety class I

Order Code	Full Product Name	Power Consumption	Suitable for random switching	Protection class IEC
58950600	BY581P 700S/840 DIA HE WB GC SI	397 W	No	Safety class I
58951300	BY581P 700S/840 DIA WB GC SI BR	420 W	No	Safety class I
58952000	BY581P 700S/840 DIA HE WB GC SI BR	397 W	No	Safety class I
59401200	BY581X 250S/840 SIA WB GC SI H4 BR	144 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59402900	BY581X 250S/840 SIA HE WB GC SI H4 BR	136 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59394700	BY581X 250S/840 SIA WB GC SI H4	144 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59395400	BY581X 350S/840 SIA WB GC SI H4	210 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59398500	BY581X 250S/840 SIA HE WB GC SI H4	136 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59399200	BY581X 350S/840 SIA HE WB GC SI H4	198 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59404300	BY581X 250S/840 SIA WB GC SI ELP3 H4	144 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59405000	BY581X 250S/840 SIA WB GC SI ELW3 H4	144 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59406700	BY581X 250S/840 SIA HE WB GC SI ELP3 H4	136 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59407400	BY581X 250S/840 SIA HE WB GC SI ELW3 H4	136 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59400500	BY580X 170S/840 SIA WB GC SI H4 BR	102 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59403600	BY580X 170S/840 SIA HE WB GC SI H4 BR	97 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59408100	BY580P 170S/840 PSU WB GC SI	102 W	No	Safety class I
59410400	BY580P 170S/840 PSU HE WB GC SI	97 W	No	Safety class I
59414200	BY580P 130S/840 DIA WB GC SI	76 W	No	Safety class I
59415900	BY580P 170S/840 DIA WB GC SI	102 W	No	Safety class I
59418000	BY580P 130S/840 DIA HE WB GC SI	73 W	No	Safety class I
59419700	BY580P 170S/840 DIA HE WB GC SI	97 W	No	Safety class I
59422700	BY580P 170S/840 DIA WB PC SI	110 W	No	Safety class I
59426500	BY580P 170S/840 DIA HE WB PC SI	104 W	No	Safety class I
59430200	BY580P 170S/840 DIA WB GC SI ELP3	102 W	No	Safety class I
59432600	BY580P 170S/840 DIA HE WB GC SI ELP3	97 W	No	Safety class I
59434000	BY580P 130S/840 DIA MB GC SI	77 W	No	Safety class I
59435700	BY580P 170S/840 DIA MB GC SI	104 W	No	Safety class I
59438800	BY580P 130S/840 DIA HE MB GC SI	73 W	No	Safety class I
59439500	BY580P 170S/840 DIA HE MB GC SI	98 W	No	Safety class I
58908700	BY580P 170S/840 DIA NB GC SI	104 W	No	Safety class I
58910000	BY580P 170S/840 DIA HE NB GC SI	98 W	No	Safety class I
58912400	BY580P 170S/840 DIA XNB GC SI	104 W	No	Safety class I
58914800	BY580P 170S/840 DIA HE XNB GC SI	98 W	No	Safety class I
58916200	BY580P 170S/840 DIA HRO GC SI	104 W	No	Safety class I

Order Code	Full Product Name	Power Consumption	Suitable for random switching	Protection class IEC
58918600	BY580P 170S/840 DIA HE HRO GC SI	98 W	No	Safety class I
58920900	BY580P 170S/865 DIA WB GC SI	104 W	No	Safety class I
58922300	BY580P 170S/865 DIA HE WB GC SI	99 W	No	Safety class I
58924700	BY580P 170S/830 DIA WB GC SI	110 W	No	Safety class I
58926100	BY580P 170S/830 DIA HE WB GC SI	104 W	No	Safety class I
58928500	BY580P 170S/940 DIA WB GC SI	108 W	No	Safety class I
59425800	BY581P 250S/840 DIA WB GC SI BR	144 W	No	Safety class I
59429600	BY581P 250S/840 DIA HE WB GC SI BR	138 W	No	Safety class I
59047200	BY581P 250S/840 DIA HE WB GC SI MSP BR	138 W	No	Safety class I
59049600	BY581P 250S/840 PSD WB GC II SI BR	144 W	No	Safety class II
59424100	BY580P 170S/840 DIA WB GC SI BR	102 W	No	Safety class I
59428900	BY580P 170S/840 DIA HE WB GC SI BR	97 W	No	Safety class I
59046500	BY580P 170S/840 DIA HE WB GC SI MSP BR	97 W	No	Safety class I
59409800	BY581P 250S/840 PSU WB GC SI	144 W	No	Safety class I
59411100	BY581P 250S/840 PSU HE WB GC SI	136 W	No	Safety class I
59413500	BY581P 200S/840 DIA UE WB GC SI	106 W	No	Safety class I
59416600	BY581P 250S/840 DIA WB GC SI	144 W	No	Safety class I
59417300	BY581P 350S/840 DIA WB GC SI	210 W	No	Safety class I
59420300	BY581P 250S/840 DIA HE WB GC SI	138 W	No	Safety class I
59421000	BY581P 350S/840 DIA HE WB GC SI	198 W	No	Safety class I
59423400	BY581P 250S/840 DIA WB PC SI	154 W	No	Safety class I
59427200	BY581P 250S/840 DIA HE WB PC SI	146 W	No	Safety class I
59431900	BY581P 250S/840 DIA WB GC SI ELD3	144 W	No	Safety class I
59433300	BY581P 250S/840 DIA HE WB GC SI ELD3	138 W	No	Safety class I
59436400	BY581P 250S/840 DIA MB GC SI	146 W	No	Safety class I
59437100	BY581P 350S/840 DIA MB GC SI	210 W	No	Safety class I
59440100	BY581P 250S/840 DIA HE MB GC SI	138 W	No	Safety class I
59441800	BY581P 350S/840 DIA HE MB GC SI	200 W	No	Safety class I
58909400	BY581P 250S/840 DIA NB GC SI	146 W	No	Safety class I
58911700	BY581P 250S/840 DIA HE NB GC SI	138 W	No	Safety class I
58913100	BY581P 250S/840 DIA XNB GC SI	146 W	No	Safety class I
58915500	BY581P 250S/840 DIA HE XNB GC SI	138 W	No	Safety class I
58917900	BY581P 250S/840 DIA HRO GC SI	146 W	No	Safety class I
58919300	BY581P 250S/840 DIA HE HRO GC SI	138 W	No	Safety class I
58921600	BY581P 250S/865 DIA WB GC SI	146 W	No	Safety class I
58923000	BY581P 250S/865 DIA HE WB GC SI	140 W	No	Safety class I
58925400	BY581P 250S/830 DIA WB GC SI	154 W	No	Safety class I
58927800	BY581P 250S/830 DIA HE WB GC SI	146 W	No	Safety class I
58929200	BY581P 250S/940 DIA WB GC SI	152 W	No	Safety class I
59392300	BY580X 130S/840 SIA WB GC SI H4	76 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I

Order Code	Full Product Name	Power Consumption	Suitable for random switching	Protection class IEC
59393000	BY580X 170S/840 SIA WB GC SI H4	102 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59396100	BY580X 130S/840 SIA HE WB GC SI H4	73 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I
59397800	BY580X 170S/840 SIA HE WB GC SI H4	97 W	Yes (relates to presence/ movement detection and daylight harvesting)	Safety class I

Controls and Dimming

Order Code	Full Product Name	Dimmable
58949000	BY581P 700S/840 DIA WB GC SI	Yes
58950600	BY581P 700S/840 DIA HE WB GC SI	Yes
58951300	BY581P 700S/840 DIA WB GC SI BR	Yes
58952000	BY581P 700S/840 DIA HE WB GC SI BR	Yes
59401200	BY581X 250S/840 SIA WB GC SI H4 BR	Yes
59402900	BY581X 250S/840 SIA HE WB GC SI H4 BR	Yes
59394700	BY581X 250S/840 SIA WB GC SI H4	Yes
59395400	BY581X 350S/840 SIA WB GC SI H4	Yes
59398500	BY581X 250S/840 SIA HE WB GC SI H4	Yes
59399200	BY581X 350S/840 SIA HE WB GC SI H4	Yes
59404300	BY581X 250S/840 SIA WB GC SI ELP3 H4	Yes
59405000	BY581X 250S/840 SIA WB GC SI ELW3 H4	Yes
59406700	BY581X 250S/840 SIA HE WB GC SI ELP3 H4	Yes
59407400	BY581X 250S/840 SIA HE WB GC SI ELW3 H4	Yes
59400500	BY580X 170S/840 SIA WB GC SI H4 BR	Yes
59403600	BY580X 170S/840 SIA HE WB GC SI H4 BR	Yes
59408100	BY580P 170S/840 PSU WB GC SI	No
59410400	BY580P 170S/840 PSU HE WB GC SI	No
59414200	BY580P 130S/840 DIA WB GC SI	Yes
59415900	BY580P 170S/840 DIA WB GC SI	Yes
59418000	BY580P 130S/840 DIA HE WB GC SI	Yes
59419700	BY580P 170S/840 DIA HE WB GC SI	Yes
59422700	BY580P 170S/840 DIA WB PC SI	Yes
59426500	BY580P 170S/840 DIA HE WB PC SI	Yes
59430200	BY580P 170S/840 DIA WB GC SI ELP3	Yes
59432600	BY580P 170S/840 DIA HE WB GC SI ELP3	Yes
59434000	BY580P 130S/840 DIA MB GC SI	Yes
59435700	BY580P 170S/840 DIA MB GC SI	Yes
59438800	BY580P 130S/840 DIA HE MB GC SI	Yes
59439500	BY580P 170S/840 DIA HE MB GC SI	Yes
58908700	BY580P 170S/840 DIA NB GC SI	Yes
58910000	BY580P 170S/840 DIA HE NB GC SI	Yes
58912400	BY580P 170S/840 DIA XNB GC SI	Yes

Order Code	Full Product Name	Dimmable
58914800	BY580P 170S/840 DIA HE XNB GC SI	Yes
58916200	BY580P 170S/840 DIA HRO GC SI	Yes
58918600	BY580P 170S/840 DIA HE HRO GC SI	Yes
58920900	BY580P 170S/865 DIA WB GC SI	Yes
58922300	BY580P 170S/865 DIA HE WB GC SI	Yes
58924700	BY580P 170S/830 DIA WB GC SI	Yes
58926100	BY580P 170S/830 DIA HE WB GC SI	Yes
58928500	BY580P 170S/940 DIA WB GC SI	Yes
59425800	BY581P 250S/840 DIA WB GC SI BR	Yes
59429600	BY581P 250S/840 DIA HE WB GC SI BR	Yes
59047200	BY581P 250S/840 DIA HE WB GC SI MSP BR	Yes
59049600	BY581P 250S/840 PSD WB GC II SI BR	Yes
59424100	BY580P 170S/840 DIA WB GC SI BR	Yes
59428900	BY580P 170S/840 DIA HE WB GC SI BR	Yes
59046500	BY580P 170S/840 DIA HE WB GC SI MSP BR	Yes
59409800	BY581P 250S/840 PSU WB GC SI	No
59411100	BY581P 250S/840 PSU HE WB GC SI	No
59413500	BY581P 200S/840 DIA UE WB GC SI	Yes
59416600	BY581P 250S/840 DIA WB GC SI	Yes
59417300	BY581P 350S/840 DIA WB GC SI	Yes
59420300	BY581P 250S/840 DIA HE WB GC SI	Yes
59421000	BY581P 350S/840 DIA HE WB GC SI	Yes
59423400	BY581P 250S/840 DIA WB PC SI	Yes
59427200	BY581P 250S/840 DIA HE WB PC SI	Yes
59431900	BY581P 250S/840 DIA WB GC SI ELD3	Yes
59433300	BY581P 250S/840 DIA HE WB GC SI ELD3	Yes
59436400	BY581P 250S/840 DIA MB GC SI	Yes
59437100	BY581P 350S/840 DIA MB GC SI	Yes
59440100	BY581P 250S/840 DIA HE MB GC SI	Yes
59441800	BY581P 350S/840 DIA HE MB GC SI	Yes
58909400	BY581P 250S/840 DIA NB GC SI	Yes
58911700	BY581P 250S/840 DIA HE NB GC SI	Yes
58913100	BY581P 250S/840 DIA XNB GC SI	Yes
58915500	BY581P 250S/840 DIA HE XNB GC SI	Yes
58917900	BY581P 250S/840 DIA HRO GC SI	Yes
58919300	BY581P 250S/840 DIA HE HRO GC SI	Yes
58921600	BY581P 250S/865 DIA WB GC SI	Yes
58923000	BY581P 250S/865 DIA HE WB GC SI	Yes
58925400	BY581P 250S/830 DIA WB GC SI	Yes
58927800	BY581P 250S/830 DIA HE WB GC SI	Yes
58929200	BY581P 250S/940 DIA WB GC SI	Yes
59392300	BY580X 130S/840 SIA WB GC SI H4	Yes

Order Code	Full Product Name	Dimmable
59393000	BY580X 170S/840 SIA WB GC SI H4	Yes
59396100	BY580X 130S/840 SIA HE WB GC SI H4	Yes
59397800	BY580X 170S/840 SIA HE WB GC SI H4	Yes

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
58949000	BY581P 700S/840 DIA WB GC SI	IK07
58950600	BY581P 700S/840 DIA HE WB GC SI	IK07
58951300	BY581P 700S/840 DIA WB GC SI BR	IK07
58952000	BY581P 700S/840 DIA HE WB GC SI BR	IK07
59401200	BY581X 250S/840 SIA WB GC SI H4 BR	IK03
59402900	BY581X 250S/840 SIA HE WB GC SI H4 BR	IK03
59394700	BY581X 250S/840 SIA WB GC SI H4	IK03
59395400	BY581X 350S/840 SIA WB GC SI H4	IK03
59398500	BY581X 250S/840 SIA HE WB GC SI H4	IK03
59399200	BY581X 350S/840 SIA HE WB GC SI H4	IK03
59404300	BY581X 250S/840 SIA WB GC SI ELP3 H4	IK03
59405000	BY581X 250S/840 SIA WB GC SI ELW3 H4	IK03
59406700	BY581X 250S/840 SIA HE WB GC SI ELP3 H4	IK03
59407400	BY581X 250S/840 SIA HE WB GC SI ELW3 H4	IK03
59400500	BY580X 170S/840 SIA WB GC SI H4 BR	IK03
59403600	BY580X 170S/840 SIA HE WB GC SI H4 BR	IK03
59408100	BY580P 170S/840 PSU WB GC SI	IK07
59410400	BY580P 170S/840 PSU HE WB GC SI	IK07
59414200	BY580P 130S/840 DIA WB GC SI	IK07
59415900	BY580P 170S/840 DIA WB GC SI	IK07
59418000	BY580P 130S/840 DIA HE WB GC SI	IK07
59419700	BY580P 170S/840 DIA HE WB GC SI	IK07
59422700	BY580P 170S/840 DIA WB PC SI	IK07
59426500	BY580P 170S/840 DIA HE WB PC SI	IK07
59430200	BY580P 170S/840 DIA WB GC SI ELP3	IK07
59432600	BY580P 170S/840 DIA HE WB GC SI ELP3	IK07
59434000	BY580P 130S/840 DIA MB GC SI	IK07
59435700	BY580P 170S/840 DIA MB GC SI	IK07
59438800	BY580P 130S/840 DIA HE MB GC SI	IK07
59439500	BY580P 170S/840 DIA HE MB GC SI	IK07
58908700	BY580P 170S/840 DIA NB GC SI	IK07
58910000	BY580P 170S/840 DIA HE NB GC SI	IK07
58912400	BY580P 170S/840 DIA XNB GC SI	IK07
58914800	BY580P 170S/840 DIA HE XNB GC SI	IK07
58916200	BY580P 170S/840 DIA HRO GC SI	IK07

Order Code	Full Product Name	Mech. impact protection code
58918600	BY580P 170S/840 DIA HE HRO GC SI	IK07
58920900	BY580P 170S/865 DIA WB GC SI	IK07
58922300	BY580P 170S/865 DIA HE WB GC SI	IK07
58924700	BY580P 170S/830 DIA WB GC SI	IK07
58926100	BY580P 170S/830 DIA HE WB GC SI	IK07
58928500	BY580P 170S/940 DIA WB GC SI	IK07
59425800	BY581P 250S/840 DIA WB GC SI BR	IK07
59429600	BY581P 250S/840 DIA HE WB GC SI BR	IK07
59047200	BY581P 250S/840 DIA HE WB GC SI MSP BR	IK07
59049600	BY581P 250S/840 PSD WB GC II SI BR	IK07
59424100	BY580P 170S/840 DIA WB GC SI BR	IK07
59428900	BY580P 170S/840 DIA HE WB GC SI BR	IK07
59046500	BY580P 170S/840 DIA HE WB GC SI MSP BR	IK07
59409800	BY581P 250S/840 PSU WB GC SI	IK07
59411100	BY581P 250S/840 PSU HE WB GC SI	IK07
59413500	BY581P 200S/840 DIA UE WB GC SI	IK07
59416600	BY581P 250S/840 DIA WB GC SI	IK07
59417300	BY581P 350S/840 DIA WB GC SI	IK07
59420300	BY581P 250S/840 DIA HE WB GC SI	IK07
59421000	BY581P 350S/840 DIA HE WB GC SI	IK07
59423400	BY581P 250S/840 DIA WB PC SI	IK07
59427200	BY581P 250S/840 DIA HE WB PC SI	IK07
59431900	BY581P 250S/840 DIA WB GC SI ELD3	IK07
59433300	BY581P 250S/840 DIA HE WB GC SI ELD3	IK07
59436400	BY581P 250S/840 DIA MB GC SI	IK07
59437100	BY581P 350S/840 DIA MB GC SI	IK07
59440100	BY581P 250S/840 DIA HE MB GC SI	IK07
59441800	BY581P 350S/840 DIA HE MB GC SI	IK07
58909400	BY581P 250S/840 DIA NB GC SI	IK07
58911700	BY581P 250S/840 DIA HE NB GC SI	IK07
58913100	BY581P 250S/840 DIA XNB GC SI	IK07
58915500	BY581P 250S/840 DIA HE XNB GC SI	IK07
58917900	BY581P 250S/840 DIA HRO GC SI	IK07
58919300	BY581P 250S/840 DIA HE HRO GC SI	IK07
58921600	BY581P 250S/865 DIA WB GC SI	IK07
58923000	BY581P 250S/865 DIA HE WB GC SI	IK07
58925400	BY581P 250S/830 DIA WB GC SI	IK07
58927800	BY581P 250S/830 DIA HE WB GC SI	IK07
58929200	BY581P 250S/940 DIA WB GC SI	IK07
59392300	BY580X 130S/840 SIA WB GC SI H4	IK03
59393000	BY580X 170S/840 SIA WB GC SI H4	IK03
59396100	BY580X 130S/840 SIA HE WB GC SI H4	IK03
59397800	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
58949000	BY581P 700S/840 DIA WB GC SI	-	-	-
58950600	BY581P 700S/840 DIA HE WB GC SI	-	-	-
58951300	BY581P 700S/840 DIA WB GC SI BR	-	-	-
58952000	BY581P 700S/840 DIA HE WB GC SI BR	-	-	-
59401200	BY581X 250S/840 SIA WB GC SI H4 BR	-	-	-
59402900	BY581X 250S/840 SIA HE WB GC SI H4 BR	-	-	-
59394700	BY581X 250S/840 SIA WB GC SI H4	-	-	-
59395400	BY581X 350S/840 SIA WB GC SI H4	-	-	-
59398500	BY581X 250S/840 SIA HE WB GC SI H4	-	-	-
59399200	BY581X 350S/840 SIA HE WB GC SI H4	-	-	-
59404300	BY581X 250S/840 SIA WB GC SI ELP3 H4	850 lm	5 W	Emergency lighting 3 hours duration Pro version
59405000	BY581X 250S/840 SIA WB GC SI ELW3 H4	850 lm	5 W	Emergency lighting 3 hours duration with Wireless Interface
59406700	BY581X 250S/840 SIA HE WB GC SI ELP3 H4	850 lm	5 W	Emergency lighting 3 hours duration Pro version
59407400	BY581X 250S/840 SIA HE WB GC SI ELW3 H4	850 lm	5 W	Emergency lighting 3 hours duration with Wireless Interface
59400500	BY580X 170S/840 SIA WB GC SI H4 BR	-	-	-
59403600	BY580X 170S/840 SIA HE WB GC SI H4 BR	-	-	-
59408100	BY580P 170S/840 PSU WB GC SI	-	-	-
59410400	BY580P 170S/840 PSU HE WB GC SI	-	-	-
59414200	BY580P 130S/840 DIA WB GC SI	-	-	-
59415900	BY580P 170S/840 DIA WB GC SI	-	-	-
59418000	BY580P 130S/840 DIA HE WB GC SI	-	-	-
59419700	BY580P 170S/840 DIA HE WB GC SI	-	-	-
59422700	BY580P 170S/840 DIA WB PC SI	-	-	-
59426500	BY580P 170S/840 DIA HE WB PC SI	-	-	-
59430200	BY580P 170S/840 DIA WB GC SI ELP3	450 lm	3 W	Emergency lighting 3 hours duration Pro version
59432600	BY580P 170S/840 DIA HE WB GC SI ELP3	450 lm	3 W	Emergency lighting 3 hours duration Pro version
59434000	BY580P 130S/840 DIA MB GC SI	-	-	-
59435700	BY580P 170S/840 DIA MB GC SI	-	-	-
59438800	BY580P 130S/840 DIA HE MB GC SI	-	-	-
59439500	BY580P 170S/840 DIA HE MB GC SI	-	-	-
58908700	BY580P 170S/840 DIA NB GC SI	-	-	-
58910000	BY580P 170S/840 DIA HE NB GC SI	-	-	-
58912400	BY580P 170S/840 DIA XNB GC SI	-	-	-
58914800	BY580P 170S/840 DIA HE XNB GC SI	-	-	-
58916200	BY580P 170S/840 DIA HRO GC SI	-	-	-

Order Code	Full Product Name	Emergency flux	Power consumption during Central DC emergency mode	Emergency lighting
58918600	BY580P 170S/840 DIA HE HRO GC SI	-	-	-
58920900	BY580P 170S/865 DIA WB GC SI	-	-	-
58922300	BY580P 170S/865 DIA HE WB GC SI	-	-	-
58924700	BY580P 170S/830 DIA WB GC SI	-	-	-
58926100	BY580P 170S/830 DIA HE WB GC SI	-	-	-
58928500	BY580P 170S/940 DIA WB GC SI	-	-	-
59425800	BY581P 250S/840 DIA WB GC SI BR	-	-	-
59429600	BY581P 250S/840 DIA HE WB GC SI BR	-	-	-
59047200	BY581P 250S/840 DIA HE WB GC SI MSP BR	-	-	-
59049600	BY581P 250S/840 PSD WB GC II SI BR	-	-	-
59424100	BY580P 170S/840 DIA WB GC SI BR	-	-	-
59428900	BY580P 170S/840 DIA HE WB GC SI BR	-	-	-
59046500	BY580P 170S/840 DIA HE WB GC SI MSP BR	-	-	-
59409800	BY581P 250S/840 PSU WB GC SI	-	-	-
59411100	BY581P 250S/840 PSU HE WB GC SI	-	-	-
59413500	BY581P 200S/840 DIA UE WB GC SI	-	-	-
59416600	BY581P 250S/840 DIA WB GC SI	-	-	-
59417300	BY581P 350S/840 DIA WB GC SI	-	-	-
59420300	BY581P 250S/840 DIA HE WB GC SI	-	-	-
59421000	BY581P 350S/840 DIA HE WB GC SI	-	-	-
59423400	BY581P 250S/840 DIA WB PC SI	-	-	-
59427200	BY581P 250S/840 DIA HE WB PC SI	-	-	-
59431900	BY581P 250S/840 DIA WB GC SI ELD3	850 lm	5 W	Emergency lighting 3 hours duration with DALI interface
59433300	BY581P 250S/840 DIA HE WB GC SI ELD3	850 lm	5 W	Emergency lighting 3 hours duration with DALI interface
59436400	BY581P 250S/840 DIA MB GC SI	-	-	-
59437100	BY581P 350S/840 DIA MB GC SI	-	-	-
59440100	BY581P 250S/840 DIA HE MB GC SI	-	-	-
59441800	BY581P 350S/840 DIA HE MB GC SI	-	-	-
58909400	BY581P 250S/840 DIA NB GC SI	-	-	-
58911700	BY581P 250S/840 DIA HE NB GC SI	-	-	-
58913100	BY581P 250S/840 DIA XNB GC SI	-	-	-
58915500	BY581P 250S/840 DIA HE XNB GC SI	-	-	-
58917900	BY581P 250S/840 DIA HRO GC SI	-	-	-
58919300	BY581P 250S/840 DIA HE HRO GC SI	-	-	-
58921600	BY581P 250S/865 DIA WB GC SI	-	-	-
58923000	BY581P 250S/865 DIA HE WB GC SI	-	-	-
58925400	BY581P 250S/830 DIA WB GC SI	-	-	-
58927800	BY581P 250S/830 DIA HE WB GC SI	-	-	-
58929200	BY581P 250S/940 DIA WB GC SI	-	-	-
59392300	BY580X 130S/840 SIA WB GC SI H4	-	-	-

Order Code	Full Product Name	Emergency flux	Power consumption during Central DC emergency mode	Emergency lighting
59393000	BY580X 170S/840 SIA WB GC SI H4	-	-	-
59396100	BY580X 130S/840 SIA HE WB GC SI H4	-	-	-
59397800	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	Stroboscopic effect visibility measure (SVM)	Ambient temperature range
58949000	BY581P 700S/840 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.22	0.01	-30 to +55 °C
58950600	BY581P 700S/840 DIA HE WB GC SI	Temperature 650 °C, duration 30 s	0.22	0.01	-30 to +55 °C
58951300	BY581P 700S/840 DIA WB GC SI BR	Temperature 650 °C, duration 30 s	0.22	0.01	-30 to +55 °C
58952000	BY581P 700S/840 DIA HE WB GC SI BR	Temperature 650 °C, duration 30 s	0.22	0.01	-30 to +55 °C
59401200	BY581X 250S/840 SIA WB GC SI H4 BR	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59402900	BY581X 250S/840 SIA HE WB GC SI H4 BR	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59394700	BY581X 250S/840 SIA WB GC SI H4	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59395400	BY581X 350S/840 SIA WB GC SI H4	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59398500	BY581X 250S/840 SIA HE WB GC SI H4	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59399200	BY581X 350S/840 SIA HE WB GC SI H4	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59404300	BY581X 250S/840 SIA WB GC SI ELP3 H4	Temperature 850 °C, duration 30 s	1	0.4	0 °C to 25 °C
59405000	BY581X 250S/840 SIA WB GC SI ELW3 H4	Temperature 850 °C, duration 30 s	1	0.4	0 °C to 25 °C
59406700	BY581X 250S/840 SIA HE WB GC SI ELP3 H4	Temperature 850 °C, duration 30 s	1	0.4	0 °C to 25 °C
59407400	BY581X 250S/840 SIA HE WB GC SI ELW3 H4	Temperature 850 °C, duration 30 s	1	0.4	0 °C to 25 °C
59400500	BY580X 170S/840 SIA WB GC SI H4 BR	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59403600	BY580X 170S/840 SIA HE WB GC SI H4 BR	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59408100	BY580P 170S/840 PSU WB GC SI	Temperature 650 °C, duration 30 s	0.04	0.07	-30 to +55 °C
59410400	BY580P 170S/840 PSU HE WB GC SI	Temperature 650 °C, duration 30 s	0.04	0.07	-30 to +55 °C
59414200	BY580P 130S/840 DIA WB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
59415900	BY580P 170S/840 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59418000	BY580P 130S/840 DIA HE WB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
59419700	BY580P 170S/840 DIA HE WB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
59422700	BY580P 170S/840 DIA WB PC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59426500	BY580P 170S/840 DIA HE WB PC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
59430200	BY580P 170S/840 DIA WB GC SI ELP3	Temperature 850 °C, duration 30 s	0.12	0.07	0 °C to 25 °C
59432600	BY580P 170S/840 DIA HE WB GC SI ELP3	Temperature 850 °C, duration 30 s	-	-	0 °C to 25 °C
59434000	BY580P 130S/840 DIA MB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
59435700	BY580P 170S/840 DIA MB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59438800	BY580P 130S/840 DIA HE MB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
59439500	BY580P 170S/840 DIA HE MB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
58908700	BY580P 170S/840 DIA NB GC SI	Temperature 650 °C, duration 30 s	-	-	-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
58910000	BY580P 170S/840 DIA HE NB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
58912400	BY580P 170S/840 DIA XNB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58914800	BY580P 170S/840 DIA HE XNB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
58916200	BY580P 170S/840 DIA HRO GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58918600	BY580P 170S/840 DIA HE HRO GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
58920900	BY580P 170S/865 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58922300	BY580P 170S/865 DIA HE WB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
58924700	BY580P 170S/830 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58926100	BY580P 170S/830 DIA HE WB GC SI	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
58928500	BY580P 170S/940 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59425800	BY581P 250S/840 DIA WB GC SI BR	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59429600	BY581P 250S/840 DIA HE WB GC SI BR	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59047200	BY581P 250S/840 DIA HE WB GC SI MSP BR	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59049600	BY581P 250S/840 PSD WB GC II SI BR	Temperature 650 °C, duration 30 s	0.35	0.07	-30 to +55 °C
59424100	BY580P 170S/840 DIA WB GC SI BR	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59428900	BY580P 170S/840 DIA HE WB GC SI BR	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
59046500	BY580P 170S/840 DIA HE WB GC SI MSP BR	Temperature 650 °C, duration 30 s	-	-	-30 to +55 °C
59409800	BY581P 250S/840 PSU WB GC SI	Temperature 650 °C, duration 30 s	0.04	0.07	-30 to +55 °C
59411100	BY581P 250S/840 PSU HE WB GC SI	Temperature 650 °C, duration 30 s	0.04	0.07	-30 to +55 °C
59413500	BY581P 200S/840 DIA UE WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59416600	BY581P 250S/840 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59417300	BY581P 350S/840 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.22	0.01	-30 to +55 °C
59420300	BY581P 250S/840 DIA HE WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59421000	BY581P 350S/840 DIA HE WB GC SI	Temperature 650 °C, duration 30 s	0.22	0.01	-30 to +55 °C
59423400	BY581P 250S/840 DIA WB PC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59427200	BY581P 250S/840 DIA HE WB PC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59431900	BY581P 250S/840 DIA WB GC SI ELD3	Temperature 850 °C, duration 30 s	0.12	0.07	0 °C to 25 °C
59433300	BY581P 250S/840 DIA HE WB GC SI ELD3	Temperature 850 °C, duration 30 s	0.12	0.07	0 °C to 25 °C
59436400	BY581P 250S/840 DIA MB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59437100	BY581P 350S/840 DIA MB GC SI	Temperature 650 °C, duration 30 s	0.22	0.01	-30 to +55 °C
59440100	BY581P 250S/840 DIA HE MB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59441800	BY581P 350S/840 DIA HE MB GC SI	Temperature 650 °C, duration 30 s	0.22	0.01	-30 to +55 °C
58909400	BY581P 250S/840 DIA NB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58911700	BY581P 250S/840 DIA HE NB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58913100	BY581P 250S/840 DIA XNB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58915500	BY581P 250S/840 DIA HE XNB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58917900	BY581P 250S/840 DIA HRO GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58919300	BY581P 250S/840 DIA HE HRO 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
58921600	BY581P 250S/865 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58923000	BY581P 250S/865 DIA HE WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58925400	BY581P 250S/830 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58927800	BY581P 250S/830 DIA HE WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
58929200	BY581P 250S/940 DIA WB GC SI	Temperature 650 °C, duration 30 s	0.12	0.07	-30 to +55 °C
59392300	BY580X 130S/840 SIA WB GC SI H4	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59393000	BY580X 170S/840 SIA WB GC SI H4	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59396100	BY580X 130S/840 SIA HE WB GC SI H4	Temperature 650 °C, duration 30 s	1	0.4	-30 to +55 °C
59397800	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
58949000	BY581P 700S/840 DIA WB GC SI	(0.380, 0.375) SDCM 3
58950600	BY581P 700S/840 DIA HE WB GC SI	(0.383, 0.377) SDCM 3
58951300	BY581P 700S/840 DIA WB GC SI BR	(0.380, 0.375) SDCM 3
58952000	BY581P 700S/840 DIA HE WB GC SI BR	(0.383, 0.377) SDCM 3
59401200	BY581X 250S/840 SIA WB GC SI H4 BR	(0.380, 0.375) SDCM 3
59402900	BY581X 250S/840 SIA HE WB GC SI H4 BR	(0.383, 0.377) SDCM 3
59394700	BY581X 250S/840 SIA WB GC SI H4	(0.380, 0.375) SDCM 3
59395400	BY581X 350S/840 SIA WB GC SI H4	(0.380, 0.375) SDCM 3
59398500	BY581X 250S/840 SIA HE WB GC SI H4	(0.383, 0.377) SDCM 3
59399200	BY581X 350S/840 SIA HE WB GC SI H4	(0.383, 0.377) SDCM 3
59404300	BY581X 250S/840 SIA WB GC SI ELP3 H4	(0.380, 0.375) SDCM 3
59405000	BY581X 250S/840 SIA WB GC SI ELW3 H4	(0.380, 0.375) SDCM 3
59406700	BY581X 250S/840 SIA HE WB GC SI ELP3 H4	(0.383, 0.377) SDCM 3
59407400	BY581X 250S/840 SIA HE WB GC SI ELW3 H4	(0.383, 0.377) SDCM 3
59400500	BY580X 170S/840 SIA WB GC SI H4 BR	(0.380, 0.375) SDCM 3
59403600	BY580X 170S/840 SIA HE WB GC SI H4 BR	(0.383, 0.377) SDCM 3
59408100	BY580P 170S/840 PSU WB GC SI	(0.380, 0.375) SDCM 3
59410400	BY580P 170S/840 PSU HE WB GC SI	(0.383, 0.377) SDCM 3
59414200	BY580P 130S/840 DIA WB GC SI	(0.380, 0.375) SDCM 3
59415900	BY580P 170S/840 DIA WB GC SI	(0.380, 0.375) SDCM 3
59418000	BY580P 130S/840 DIA HE WB GC SI	(0.383, 0.377) SDCM 3
59419700	BY580P 170S/840 DIA HE WB GC SI	(0.383, 0.377) SDCM 3
59422700	BY580P 170S/840 DIA WB PC SI	(0.380, 0.375) SDCM 3
59426500	BY580P 170S/840 DIA HE WB PC SI	(0.383, 0.377) SDCM 3
59430200	BY580P 170S/840 DIA WB GC SI ELP3	(0.380, 0.375) SDCM 3
59432600	BY580P 170S/840 DIA HE WB GC SI ELP3	(0.383, 0.377) SDCM 3
59434000	BY580P 130S/840 DIA MB GC SI	(0.380, 0.375) SDCM 3

Order Code	Full Product Name	Initial chromaticity
59435700	BY580P 170S/840 DIA MB GC SI	(0.380, 0.375) SDCM 3
59438800	BY580P 130S/840 DIA HE MB GC SI	(0.383, 0.377) SDCM 3
59439500	BY580P 170S/840 DIA HE MB GC SI	(0.383, 0.377) SDCM 3
58908700	BY580P 170S/840 DIA NB GC SI	(0.380, 0.375) SDCM 3
58910000	BY580P 170S/840 DIA HE NB GC SI	(0.383, 0.377) SDCM 3
58912400	BY580P 170S/840 DIA XNB GC SI	(0.380, 0.375) SDCM 3
58914800	BY580P 170S/840 DIA HE XNB GC SI	(0.383, 0.377) SDCM 3
58916200	BY580P 170S/840 DIA HRO GC SI	(0.380, 0.375) SDCM 3
58918600	BY580P 170S/840 DIA HE HRO GC SI	(0.383, 0.377) SDCM 3
58920900	BY580P 170S/865 DIA WB GC SI	(0.312, 0.327) SDCM 3
58922300	BY580P 170S/865 DIA HE WB GC SI	(0.312, 0.325) SDCM 3
58924700	BY580P 170S/830 DIA WB GC SI	(0.432, 0.400) SDCM 3
58926100	BY580P 170S/830 DIA HE WB GC SI	(0.435, 0.401) SDCM 3
58928500	BY580P 170S/940 DIA WB GC SI	(0.380, 0.375) SDCM 3
59425800	BY581P 250S/840 DIA WB GC SI BR	(0.380, 0.375) SDCM 3
59429600	BY581P 250S/840 DIA HE WB GC SI BR	(0.383, 0.377) SDCM 3
59047200	BY581P 250S/840 DIA HE WB GC SI MSP BR	(0.383, 0.377) SDCM 3
59049600	BY581P 250S/840 PSD WB GC II SI BR	(0.380, 0.375) SDCM 3
59424100	BY580P 170S/840 DIA WB GC SI BR	(0.380, 0.375) SDCM 3
59428900	BY580P 170S/840 DIA HE WB GC SI BR	(0.383, 0.377) SDCM 3
59046500	BY580P 170S/840 DIA HE WB GC SI MSP BR	(0.383, 0.377) SDCM 3
59409800	BY581P 250S/840 PSU WB GC SI	(0.380, 0.375) SDCM 3
59411100	BY581P 250S/840 PSU HE WB GC SI	(0.383, 0.377) SDCM 3
59413500	BY581P 200S/840 DIA UE WB GC SI	(0.383, 0.377) SDCM 3
59416600	BY581P 250S/840 DIA WB GC SI	(0.380, 0.375) SDCM 3
59417300	BY581P 350S/840 DIA WB GC SI	(0.380, 0.375) SDCM 3
59420300	BY581P 250S/840 DIA HE WB GC SI	(0.383, 0.377) SDCM 3
59421000	BY581P 350S/840 DIA HE WB GC SI	(0.383, 0.377) SDCM 3
59423400	BY581P 250S/840 DIA WB PC SI	(0.380, 0.375) SDCM 3
59427200	BY581P 250S/840 DIA HE WB PC SI	(0.383, 0.377) SDCM 3
59431900	BY581P 250S/840 DIA WB GC SI ELD3	(0.380, 0.375) SDCM 3
59433300	BY581P 250S/840 DIA HE WB GC SI ELD3	(0.383, 0.377) SDCM 3
59436400	BY581P 250S/840 DIA MB GC SI	(0.380, 0.375) SDCM 3
59437100	BY581P 350S/840 DIA MB GC SI	(0.380, 0.375) SDCM 3
59440100	BY581P 250S/840 DIA HE MB GC SI	(0.383, 0.377) SDCM 3
59441800	BY581P 350S/840 DIA HE MB GC SI	(0.383, 0.377) SDCM 3
58909400	BY581P 250S/840 DIA NB GC SI	(0.380, 0.375) SDCM 3
58911700	BY581P 250S/840 DIA HE NB GC SI	(0.383, 0.377) SDCM 3
58913100	BY581P 250S/840 DIA XNB GC SI	(0.380, 0.375) SDCM 3
58915500	BY581P 250S/840 DIA HE XNB GC SI	(0.383, 0.377) SDCM 3
58917900	BY581P 250S/840 DIA HRO GC SI	(0.380, 0.375) SDCM 3
58919300	BY581P 250S/840 DIA HE HRO GC SI	(0.383, 0.377) SDCM 3

Order Code	Full Product Name	Initial chromaticity
58921600	BY581P 250S/865 DIA WB GC SI	(0.312, 0.327) SDCM 3
58923000	BY581P 250S/865 DIA HE WB GC SI	(0.312, 0.325) SDCM 3
58925400	BY581P 250S/830 DIA WB GC SI	(0.432, 0.400) SDCM 3
58927800	BY581P 250S/830 DIA HE WB GC SI	(0.435, 0.401) SDCM 3
58929200	BY581P 250S/940 DIA WB GC SI	(0.380, 0.375) SDCM 3
59392300	BY580X 130S/840 SIA WB GC SI H4	(0.380, 0.375) SDCM 3
59393000	BY580X 170S/840 SIA WB GC SI H4	(0.380, 0.375) SDCM 3
59396100	BY580X 130S/840 SIA HE WB GC SI H4	(0.383, 0.377) SDCM 3
59397800	BY580X 170S/840 SIA HE WB GC SI H4	(0.383, 0.377) SDCM 3

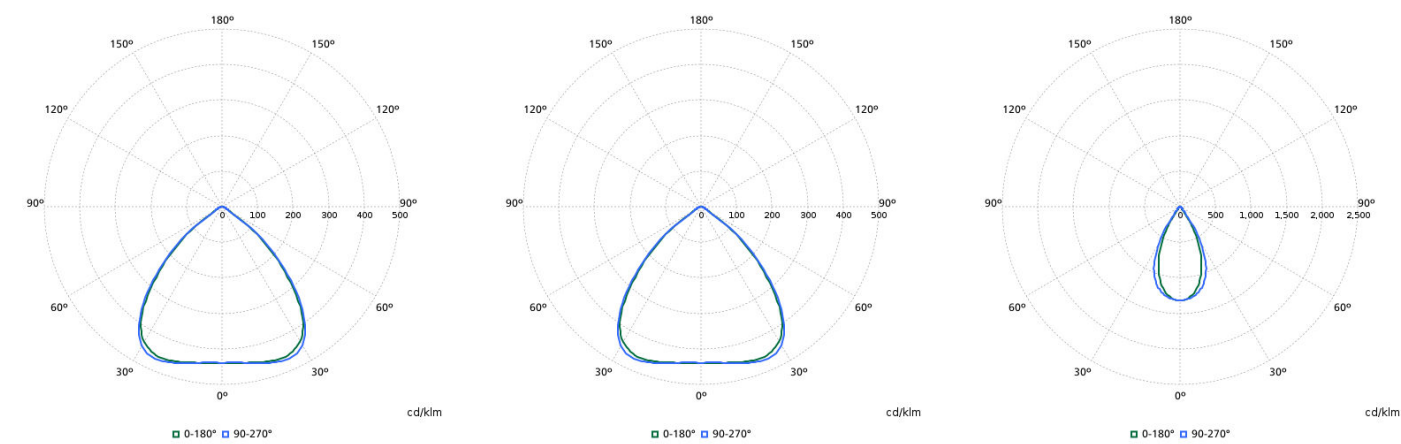
Product Data

Order Code	Full Product Name	Product family code
58949000	BY581P 700S/840 DIA WB GC SI	BY581P
58950600	BY581P 700S/840 DIA HE WB GC SI	BY581P
58951300	BY581P 700S/840 DIA WB GC SI BR	BY581P
58952000	BY581P 700S/840 DIA HE WB GC SI BR	BY581P
59401200	BY581X 250S/840 SIA WB GC SI H4 BR	BY580X
59402900	BY581X 250S/840 SIA HE WB GC SI H4 BR	BY581X
59394700	BY581X 250S/840 SIA WB GC SI H4	BY580X
59395400	BY581X 350S/840 SIA WB GC SI H4	BY581X
59398500	BY581X 250S/840 SIA HE WB GC SI H4	BY581X
59399200	BY581X 350S/840 SIA HE WB GC SI H4	BY581X
59404300	BY581X 250S/840 SIA WB GC SI ELP3 H4	BY581X
59405000	BY581X 250S/840 SIA WB GC SI ELW3 H4	BY581X
59406700	BY581X 250S/840 SIA HE WB GC SI ELP3 H4	BY581X
59407400	BY581X 250S/840 SIA HE WB GC SI ELW3 H4	BY581X
59400500	BY580X 170S/840 SIA WB GC SI H4 BR	BY580X
59403600	BY580X 170S/840 SIA HE WB GC SI H4 BR	BY580X
59408100	BY580P 170S/840 PSU WB GC SI	BY580P
59410400	BY580P 170S/840 PSU HE WB GC SI	BY580P
59414200	BY580P 130S/840 DIA WB GC SI	BY580P
59415900	BY580P 170S/840 DIA WB GC SI	BY580P
59418000	BY580P 130S/840 DIA HE WB GC SI	BY580P
59419700	BY580P 170S/840 DIA HE WB GC SI	BY580P
59422700	BY580P 170S/840 DIA WB PC SI	BY580P
59426500	BY580P 170S/840 DIA HE WB PC SI	BY580P
59430200	BY580P 170S/840 DIA WB GC SI ELP3	BY580P
59432600	BY580P 170S/840 DIA HE WB GC SI ELP3	BY580P
59434000	BY580P 130S/840 DIA MB GC SI	BY580P
59435700	BY580P 170S/840 DIA MB GC SI	BY580P
59438800	BY580P 130S/840 DIA HE MB GC SI	BY580P

Order Code	Full Product Name	Product family code
59439500	BY580P 170S/840 DIA HE MB GC SI	BY580P
58908700	BY580P 170S/840 DIA NB GC SI	BY580P
58910000	BY580P 170S/840 DIA HE NB GC SI	BY580P
58912400	BY580P 170S/840 DIA XNB GC SI	BY580P
58914800	BY580P 170S/840 DIA HE XNB GC SI	BY580P
58916200	BY580P 170S/840 DIA HRO GC SI	BY580P
58918600	BY580P 170S/840 DIA HE HRO GC SI	BY580P
58920900	BY580P 170S/865 DIA WB GC SI	BY580P
58922300	BY580P 170S/865 DIA HE WB GC SI	BY580P
58924700	BY580P 170S/830 DIA WB GC SI	BY580P
58926100	BY580P 170S/830 DIA HE WB GC SI	BY580P
58928500	BY580P 170S/940 DIA WB GC SI	BY580P
59425800	BY581P 250S/840 DIA WB GC SI BR	BY581P
59429600	BY581P 250S/840 DIA HE WB GC SI BR	BY581P
59047200	BY581P 250S/840 DIA HE WB GC SI MSP BR	BY581P
59049600	BY581P 250S/840 PSD WB GC II SI BR	BY581P
59424100	BY580P 170S/840 DIA WB GC SI BR	BY580P
59428900	BY580P 170S/840 DIA HE WB GC SI BR	BY580P
59046500	BY580P 170S/840 DIA HE WB GC SI MSP BR	BY580P
59409800	BY581P 250S/840 PSU WB GC SI	BY581P
59411100	BY581P 250S/840 PSU HE WB GC SI	BY581P
59413500	BY581P 200S/840 DIA UE WB GC SI	BY581P
59416600	BY581P 250S/840 DIA WB GC SI	BY581P
59417300	BY581P 350S/840 DIA WB GC SI	BY581P
59420300	BY581P 250S/840 DIA HE WB GC SI	BY581P
59421000	BY581P 350S/840 DIA HE WB GC SI	BY581P
59423400	BY581P 250S/840 DIA WB PC SI	BY581P
59427200	BY581P 250S/840 DIA HE WB PC SI	BY581P
59431900	BY581P 250S/840 DIA WB GC SI ELD3	BY581P
59433300	BY581P 250S/840 DIA HE WB GC SI ELD3	BY581P
59436400	BY581P 250S/840 DIA MB GC SI	BY581P
59437100	BY581P 350S/840 DIA MB GC SI	BY581P
59440100	BY581P 250S/840 DIA HE MB GC SI	BY581P
59441800	BY581P 350S/840 DIA HE MB GC SI	BY581P
58909400	BY581P 250S/840 DIA NB GC SI	BY581P
58911700	BY581P 250S/840 DIA HE NB GC SI	BY581P
58913100	BY581P 250S/840 DIA XNB GC SI	BY581P
58915500	BY581P 250S/840 DIA HE XNB GC SI	BY581P
58917900	BY581P 250S/840 DIA HRO GC SI	BY581P
58919300	BY581P 250S/840 DIA HE HRO GC SI	BY581P
58921600	BY581P 250S/865 DIA WB GC SI	BY581P
58923000	BY581P 250S/865 DIA HE WB GC SI	BY581P

Order Code	Full Product Name	Product family code
58925400	BY581P 250S/830 DIA WB GC SI	BY581P
58927800	BY581P 250S/830 DIA HE WB GC SI	BY581P
58929200	BY581P 250S/940 DIA WB GC SI	BY581P
59392300	BY580X 130S/840 SIA WB GC SI H4	BY580X
59393000	BY580X 170S/840 SIA WB GC SI H4	BY580X
59396100	BY580X 130S/840 SIA HE WB GC SI H4	BY580X
59397800	BY580X 170S/840 SIA HE WB GC SI H4	BY580X

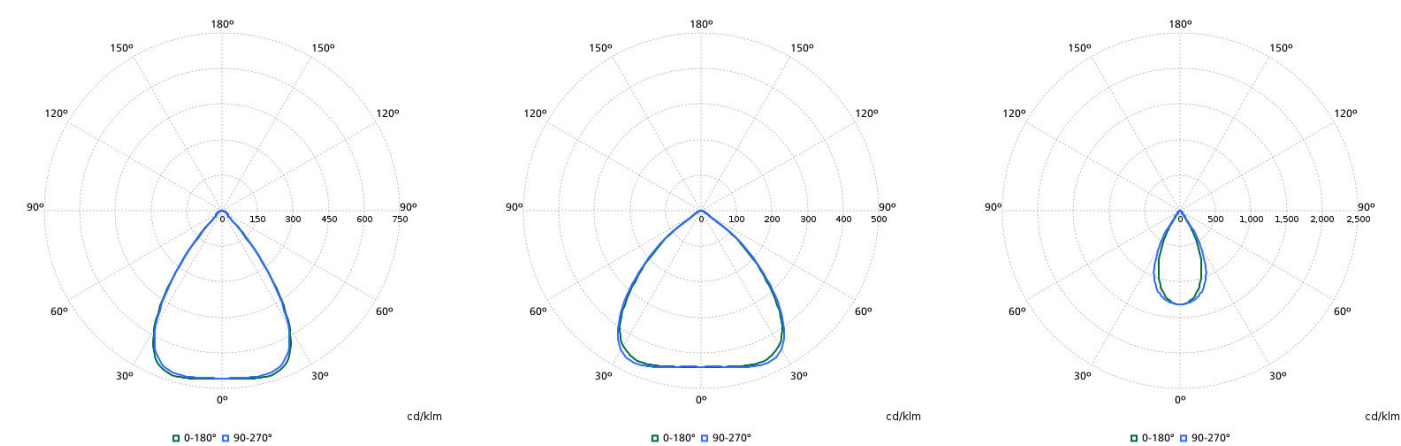
Polar normal diagrams



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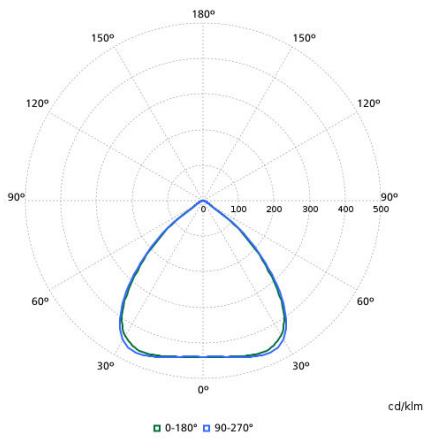
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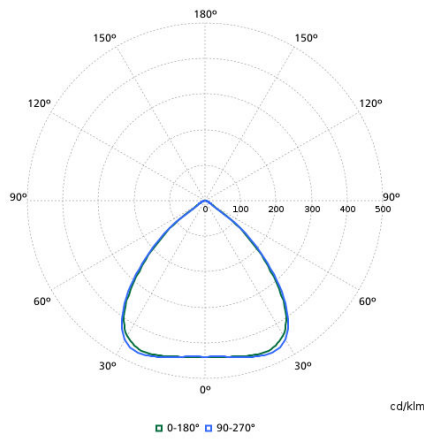
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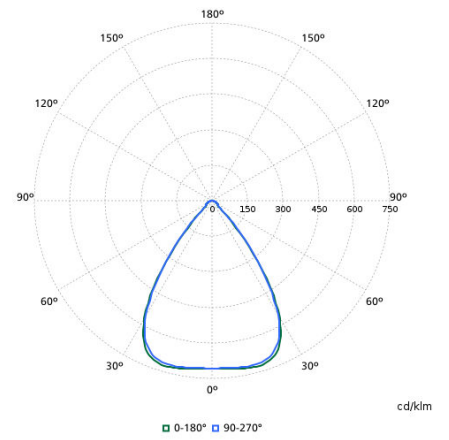
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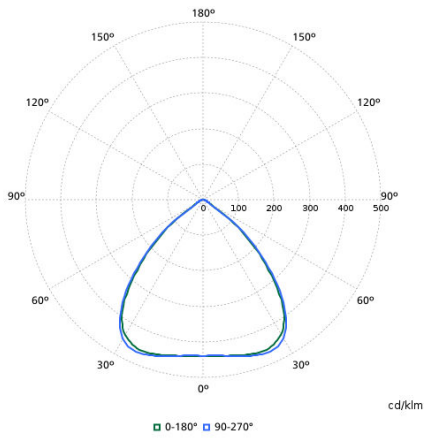
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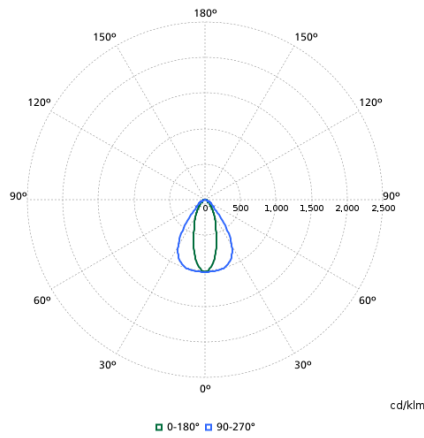
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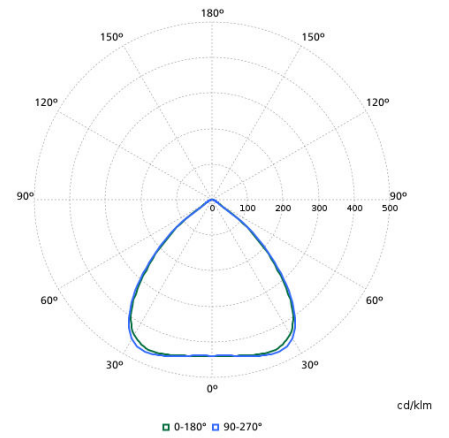
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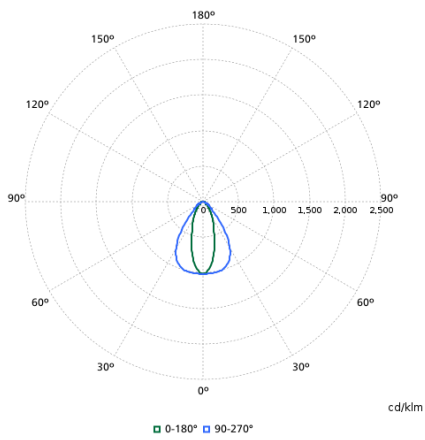
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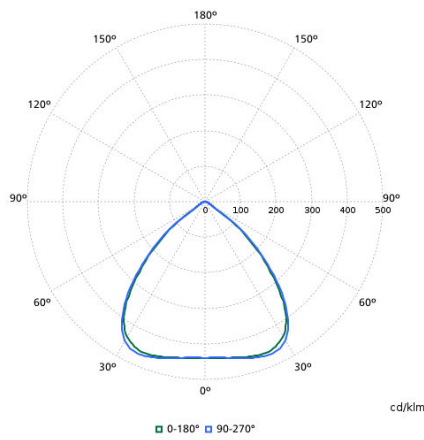
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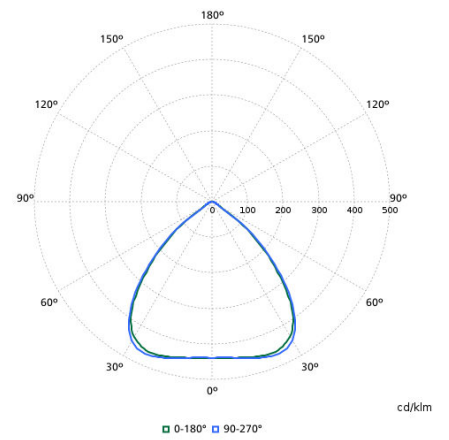
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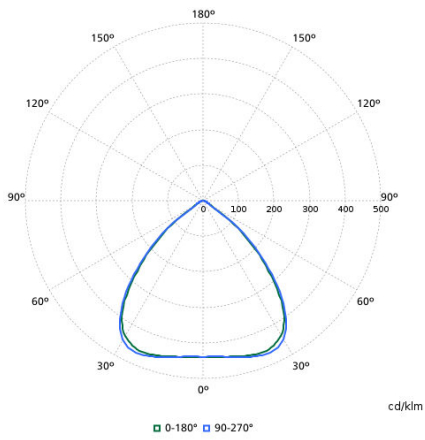
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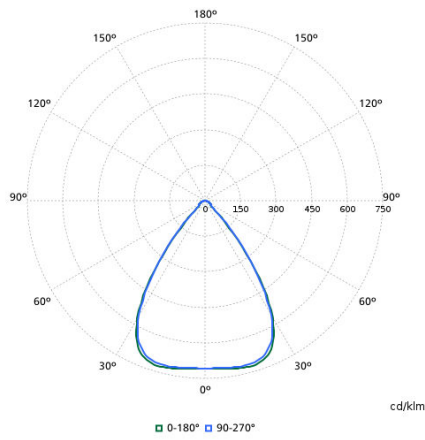
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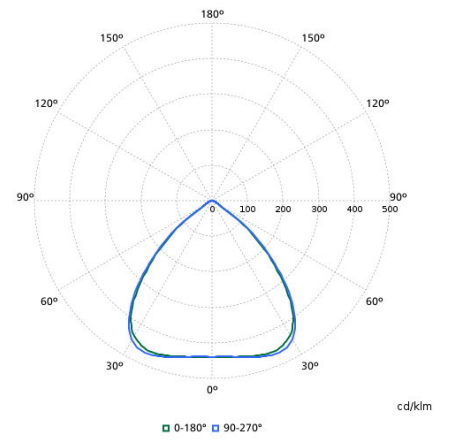
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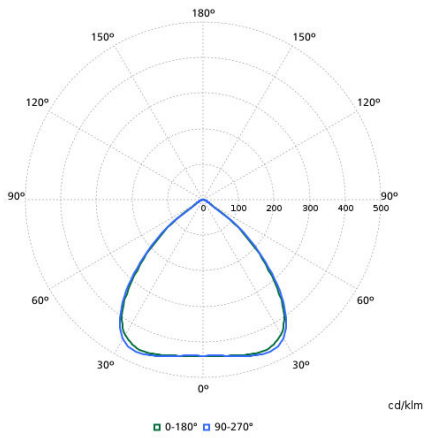
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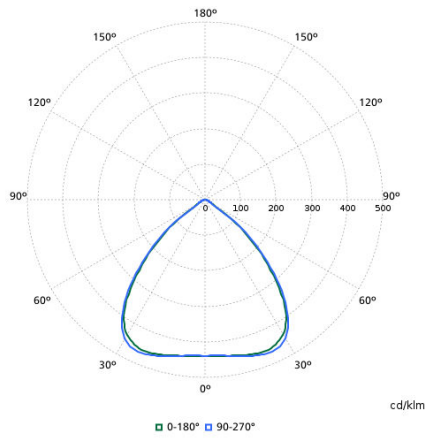
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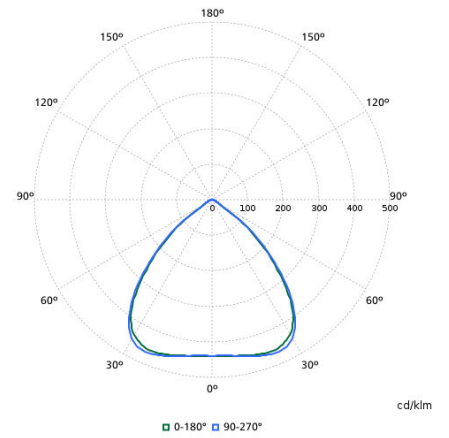
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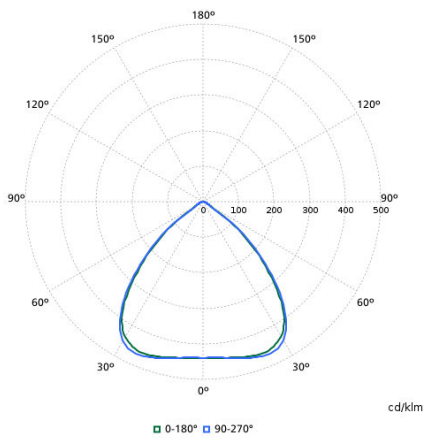
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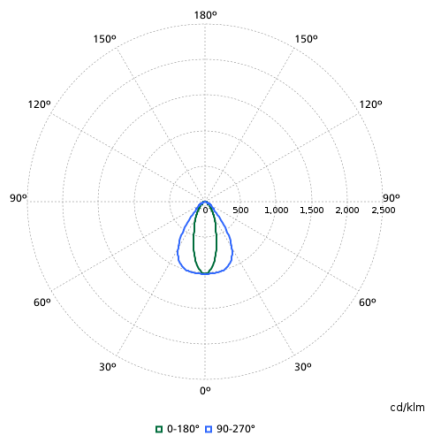
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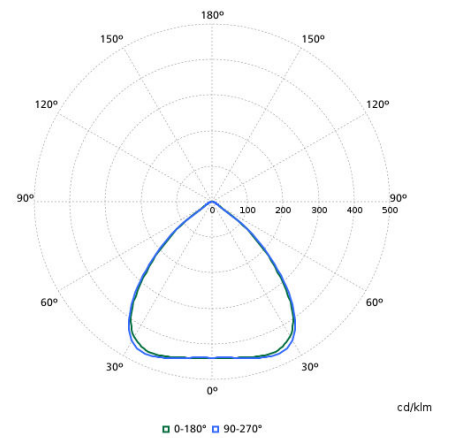
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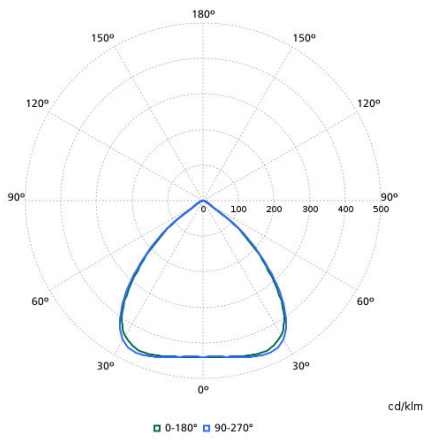
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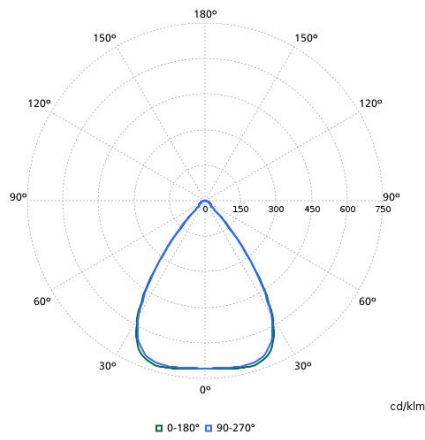
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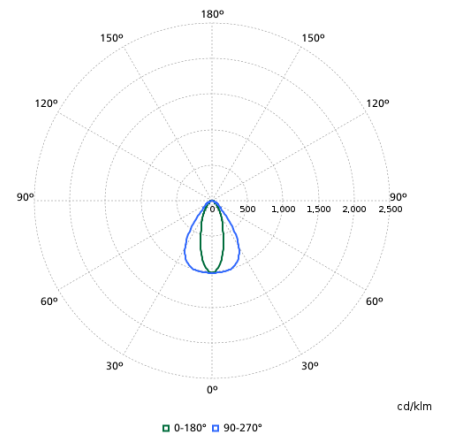
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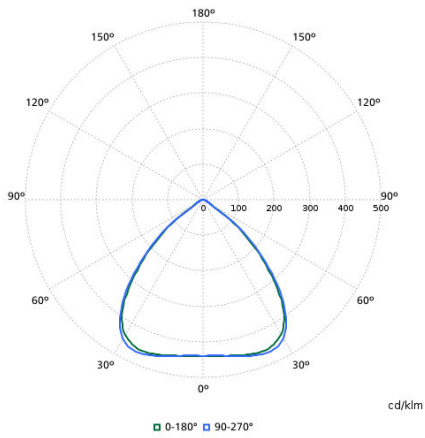
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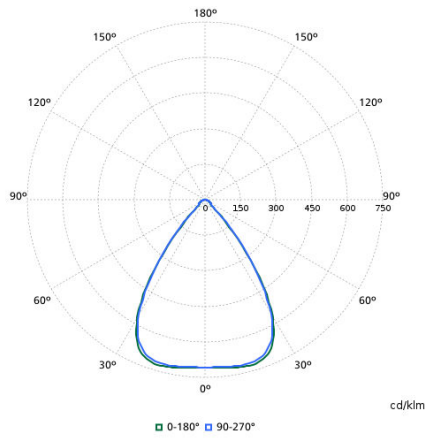
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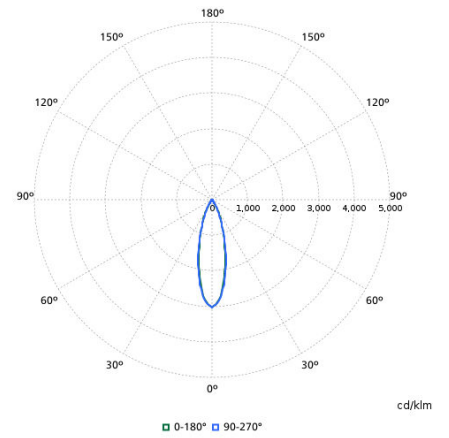
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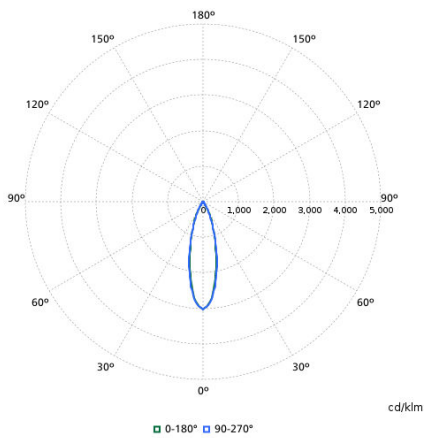
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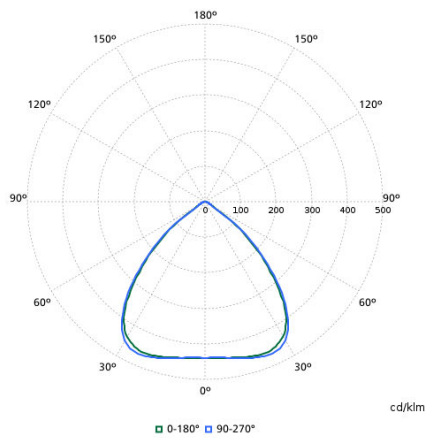
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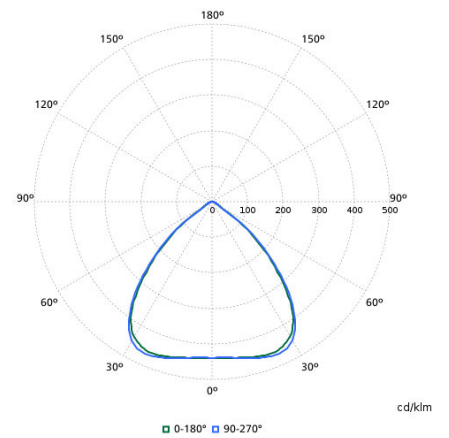
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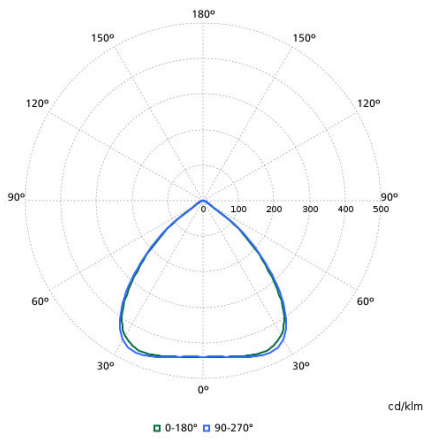
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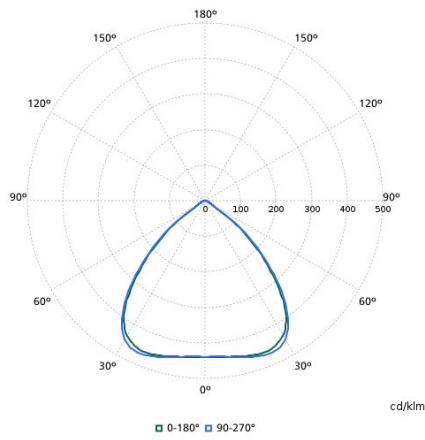
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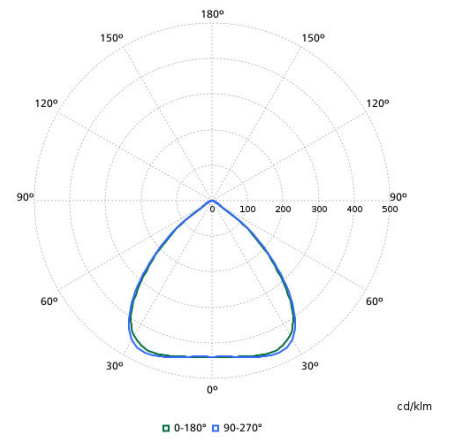
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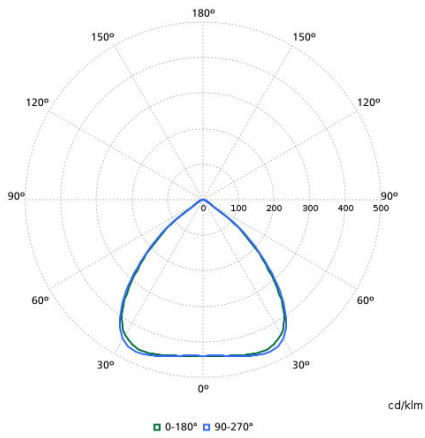
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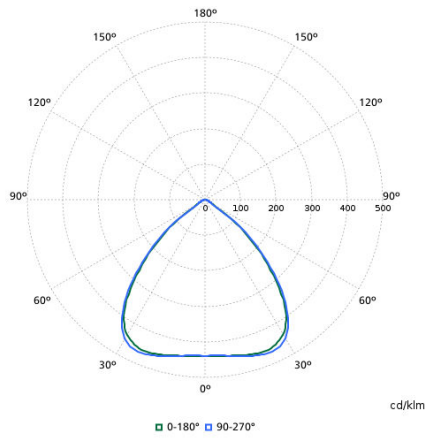
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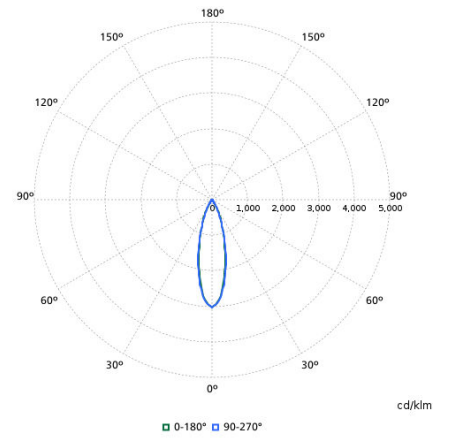
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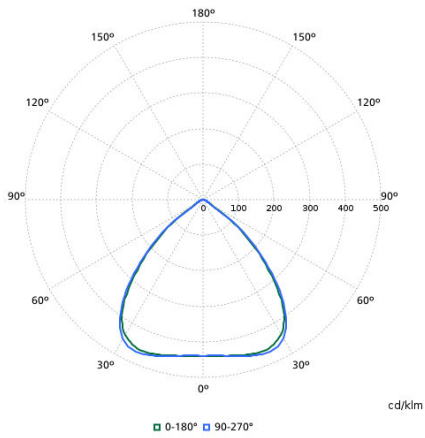
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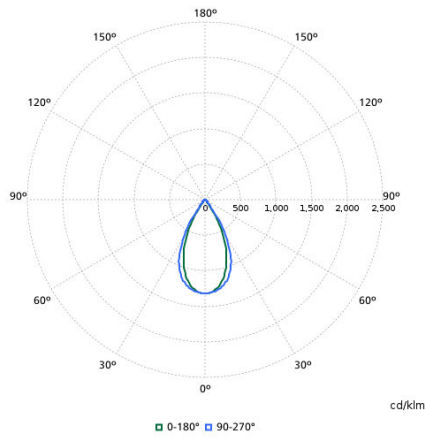
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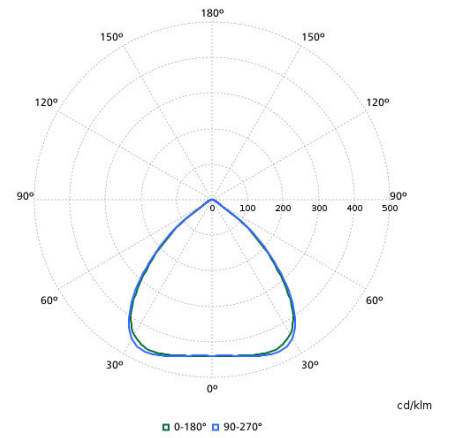
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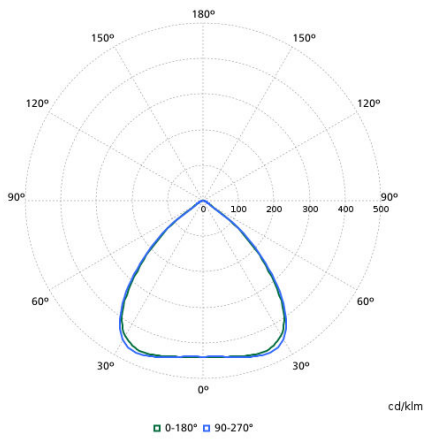
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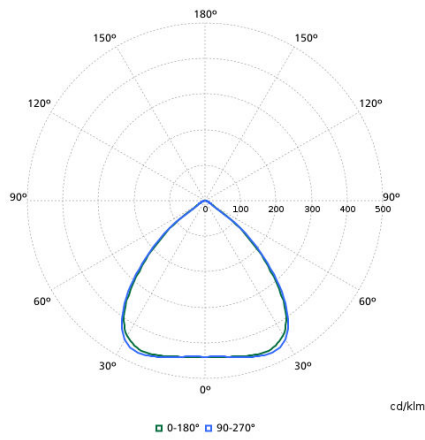
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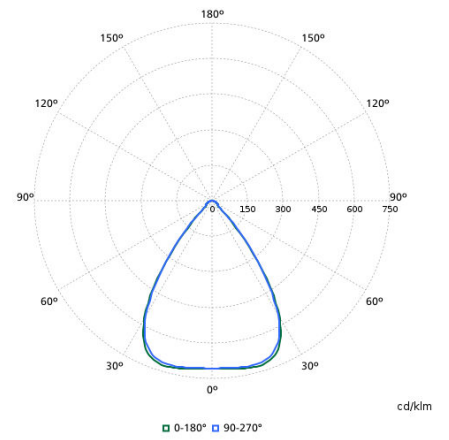
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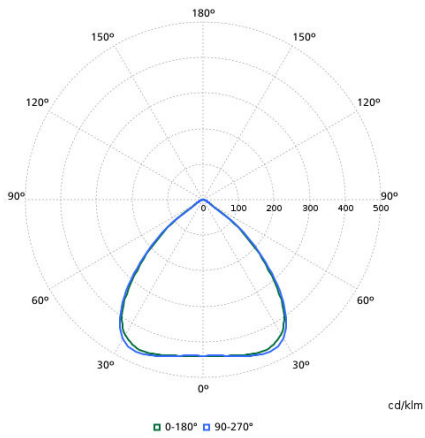
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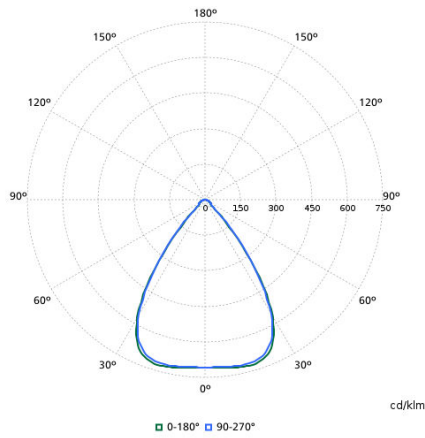
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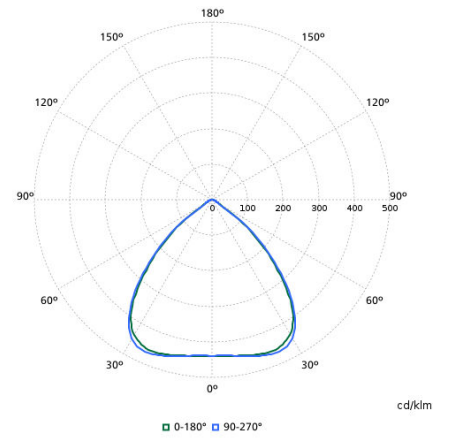
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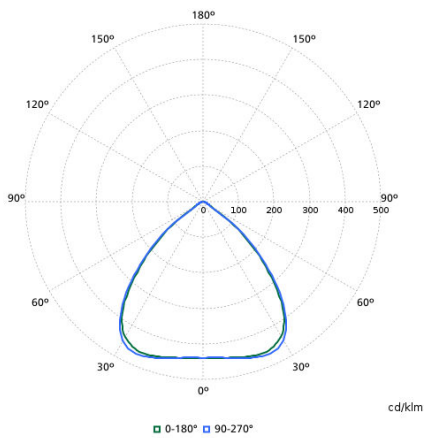
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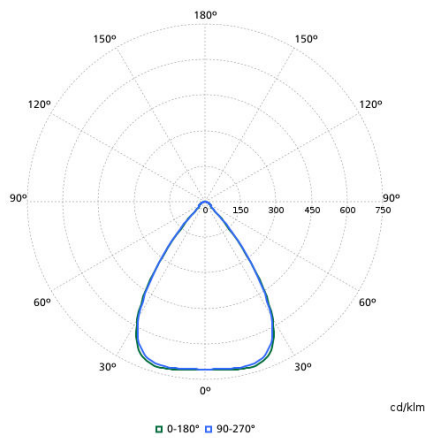
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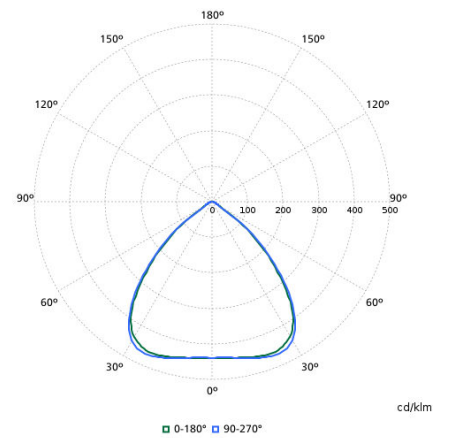
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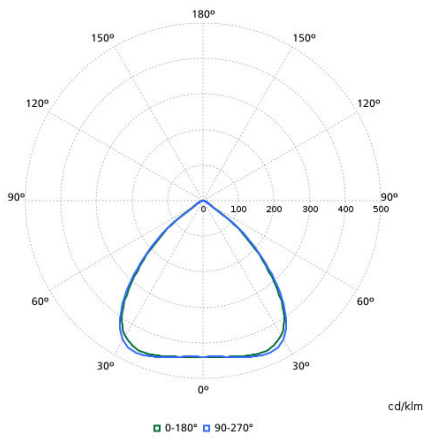
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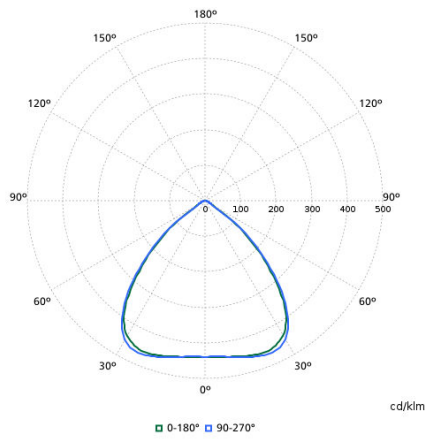
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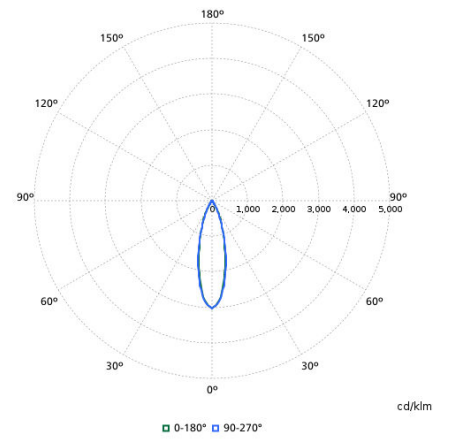
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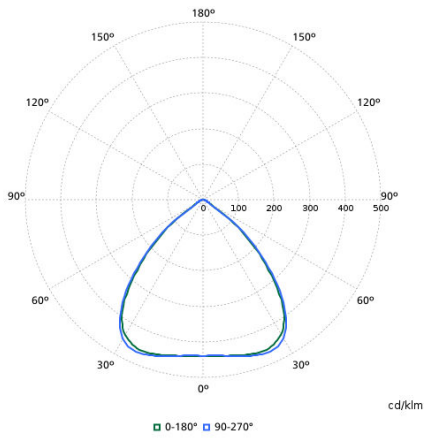
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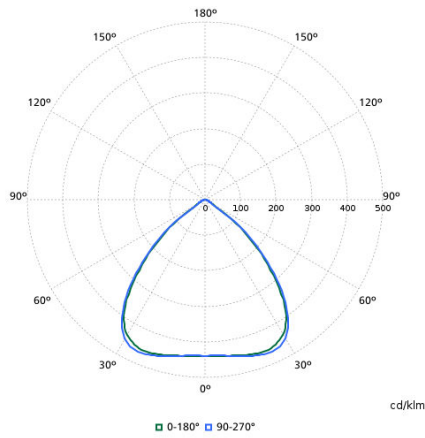
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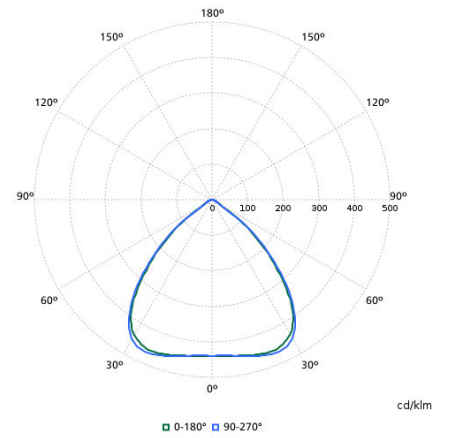
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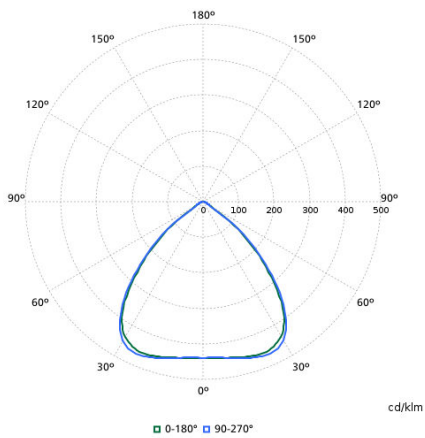
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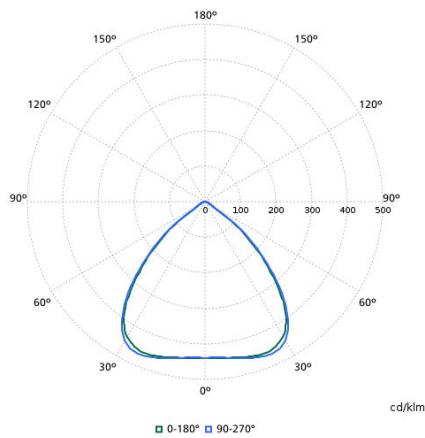
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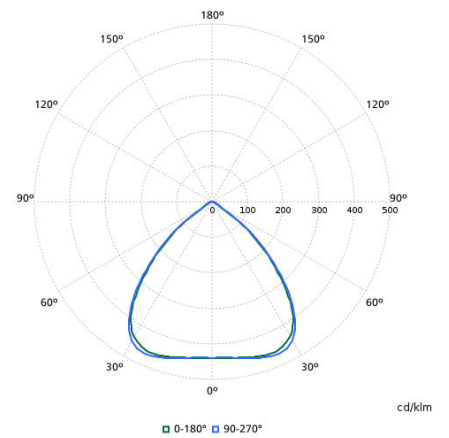
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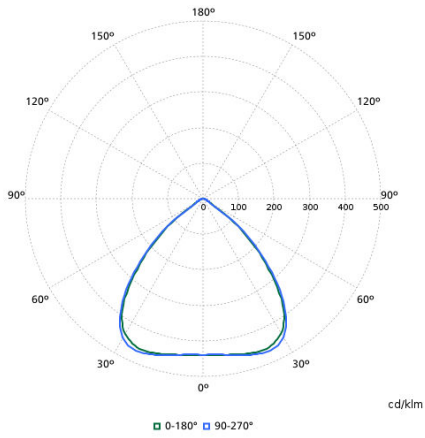
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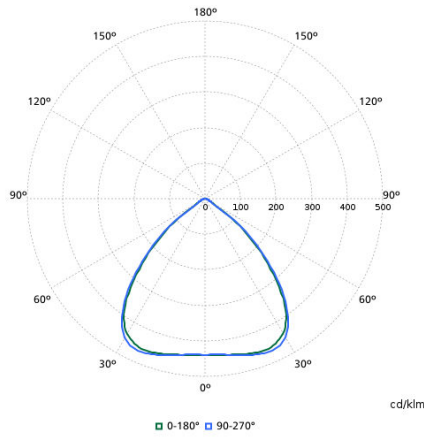
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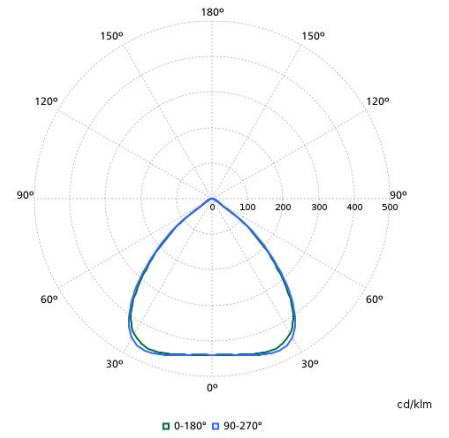
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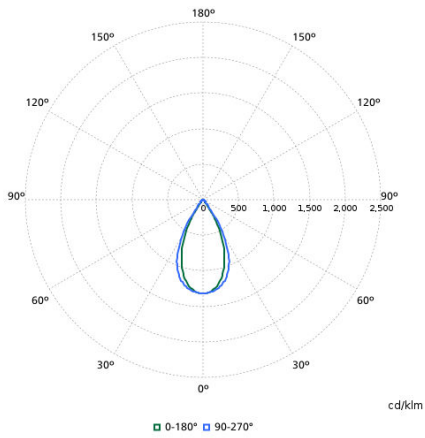
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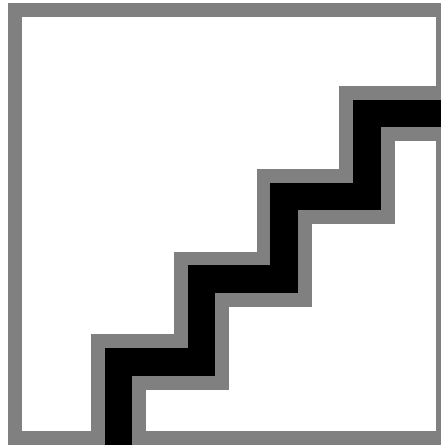
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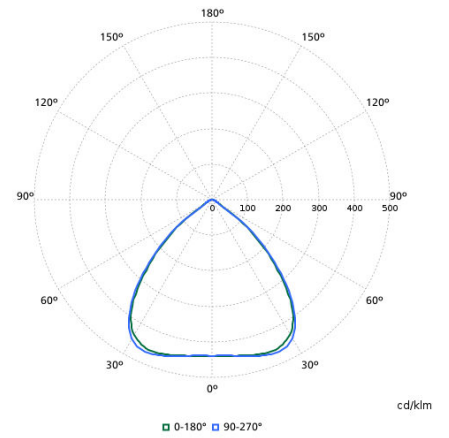
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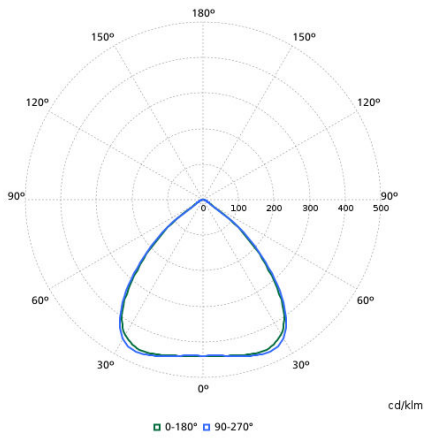
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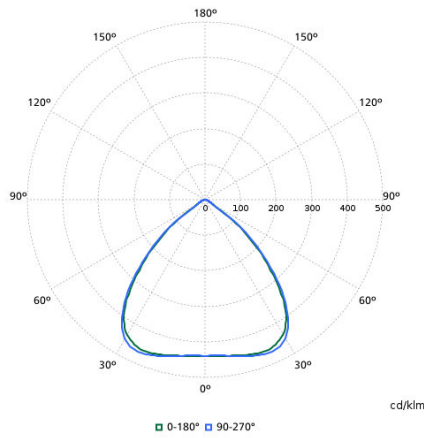
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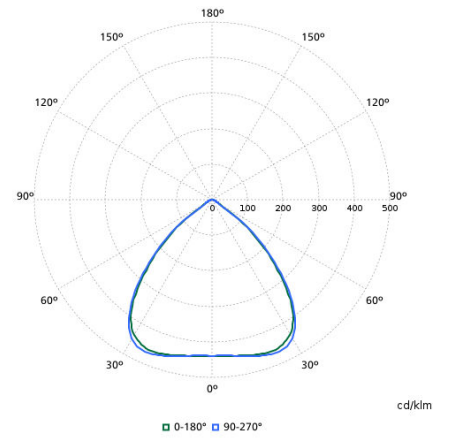
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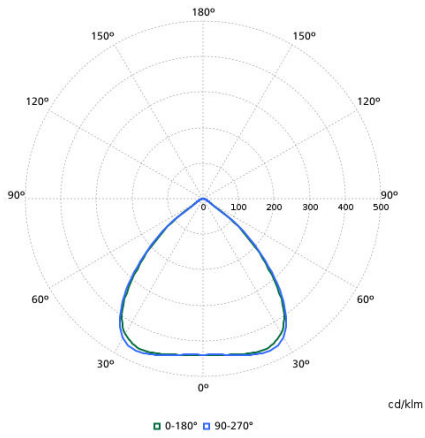
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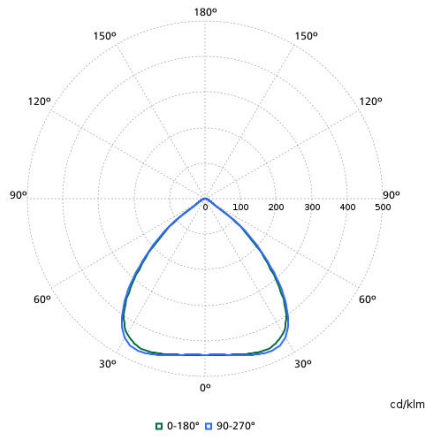
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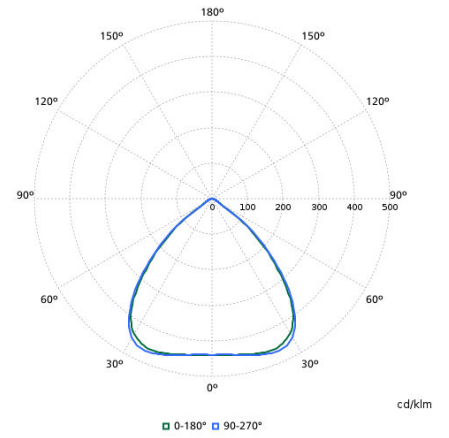
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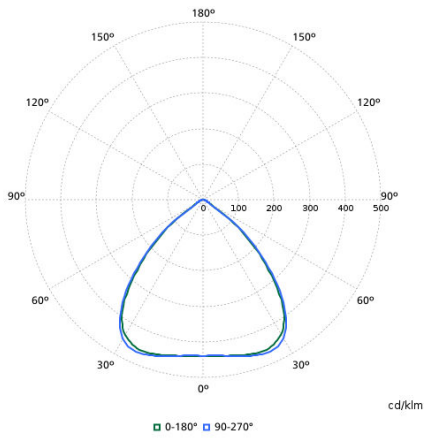
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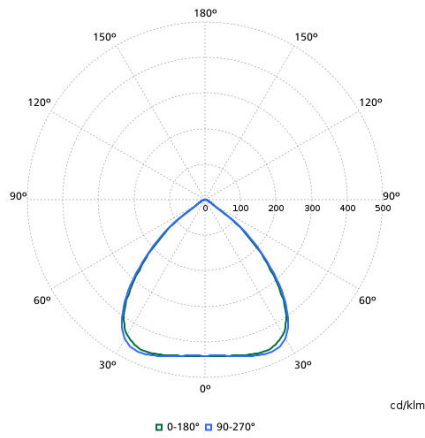
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BY580PI - 910505104550



BY580PI - 910505104551



BY580PI - 910505104553