

FlexBlend, Surface Mounted

SM340C



FlexBlend heading the way to efficient and flexible furnished offices areas

Philips FlexBlend is an attractive family of surface mounted and suspended luminaires, next to Flexblend recessed. The luminaire range is enabling building owners to advance their lighting operations, by offering office-compliant lighting with a return on investment of less than 3 years. FlexBlend provides the required flexibility through the adaptability in design. This gives the possibility to install the luminaires easily in the field, at any moment. Even when today's luminaire is suspended, tomorrow this can be adapted to a surface mounted installation at the venue. And the other way around. . The surface mounted and suspended luminaire range fit to many different office spaces like open plan office, corridors, reception or meeting rooms. FlexBlend is offered in both lines and as standalone, using the same lighting module. This gives the option to the users to use FlexBlend as standalone now, and tomorrow, as line. The controller is integrated in the luminaire. As technology is changing fast, the ideal lighting solution is also expected to be ready to incorporate innovations that

can help optimize operations further. For this reason, FlexBlend holds all connectivity and future ready options available. As System Ready luminaire it can be paired with lighting management systems such as the Philips Interact Office wired (PoE) and Interact Office wireless and/or existing and upcoming sensor innovations. The luminaire range is therefore future ready and can be delivered without any system component, and in a next phase, in the field to be upgraded. An attractive opportunity for new installations and renovations.

Benefits

- Return of investment less than 3 years
- A flexible office, with application flexibility to the choice of luminaires to fit many office areas
- Future ready: scalable and ready to be connected to controls and lighting systems

Applications

- Offices
- Education
- Healthcare

Features

- Fully office compliant (UGR <19, L65 < 3000cd/sm) , light level according to office applications requirements
- Homogenous and uniform light effect

Versions

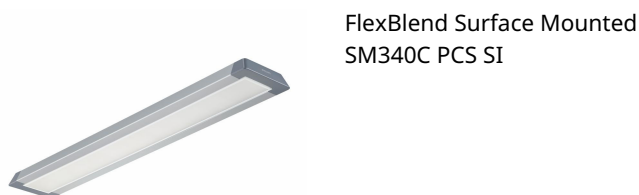
- Various mounting options, dimensional variety and local options
- Integrated sensors
- Ready to be connected to software based lighting systems such as Interact Office
- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- If The above advice is not taken and The luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void



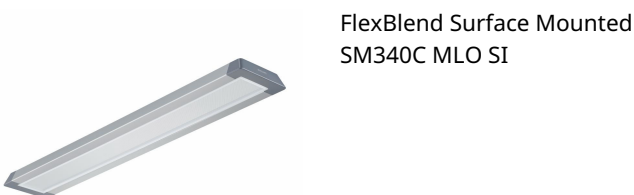
FlexBlend Surface Mounted
SM340C MLO WH



FlexBlend Surface Mounted
SM340C O WH



FlexBlend Surface Mounted
SM340C PCS SI



FlexBlend Surface Mounted
SM340C MLO SI



FlexBlend Surface Mounted
SM340C MLO BK



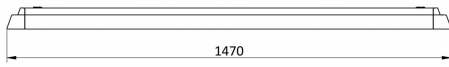
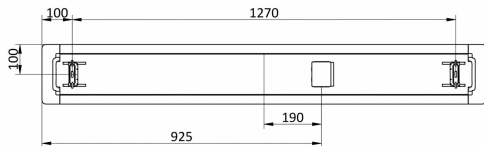
FlexBlend Surface Mounted
SM340C PCS WH



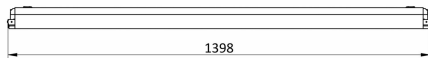
FlexBlend Surface Mounted
SM340C PCS BK

Dimensional drawing

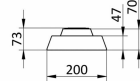
FlexBlend SM L150 DIR



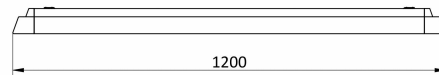
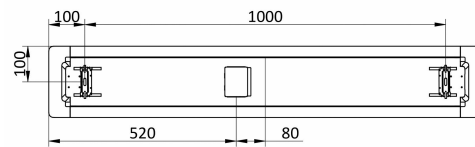
LINE
FlexBlend SM L150 DIR



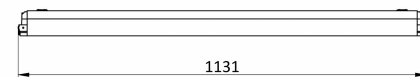
FLEXBLEND STAND-ALONE



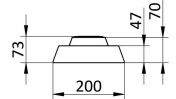
FlexBlend SM L120 DIR



LINE
FlexBlend SM L120 DIR



FLEXBLEND STAND-ALONE



Product details



FlexBlend Surface Mounted
SM340C WH



FlexBlend Surface Mounted
SM340C PCS BK



FlexBlend Surface Mounted
SM340C SI



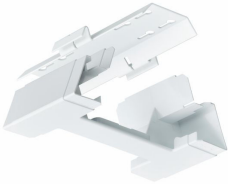
FlexBlend Surface Mounted
SM340C WH



FlexBlend Surface Mounted
SM340C BK



FlexBlend Surface Mounted
SM340C BK



FlexBlend Suspended SP340P
WH



FlexBlend Surface Mounted
SM340C BK



FlexBlend Surface Mounted
SM340C MLO BK



FlexBlend Surface Mounted
SM340C BK



FlexBlend Surface Mounted
SM340C brackets



FlexBlend Surface Mounted
SM340C SI

FlexBlend Suspended SP340P
BK



FlexBlend Surface Mounted
SM340C O BK



FlexBlend Suspended SP340P
SI



General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Color rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Optic type	Wide beam

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Maximum dim level	1%

Mechanical and Housing

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC plus mark
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Product Data

Product family code	SM340C [FLEXBLEND STAND-ALONE]
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
10369600	SM340C 35S/940 DEIA MLO L150 WH	3,500 lm	4000 K	101 lm/W
10397900	SM340C 36S/940 DEIA MLO L120 WH	3,600 lm	4000 K	95 lm/W
10398600	SM340C 40S/940 DEIA MLO L120 WH	4,000 lm	4000 K	94 lm/W
18244800	SM340C 50S/940 DEIA MLO L150 WH	5,000 lm	4000 K	96 lm/W
10377100	SM340C 35S/940 DEIA O L150 WH	3,500 lm	4000 K	129 lm/W
10362700	SM340C 35S/940 DEIA PCS L150 SI	3,500 lm	4000 K	140 lm/W
10370200	SM340C 35S/940 DEIA MLO L150 SI	3,500 lm	4000 K	101 lm/W
10371900	SM340C 35S/940 DEIA MLO L150 BK	3,500 lm	4000 K	101 lm/W
10361000	SM340C 35S/940 DEIA PCS L150 WH	3,500 lm	4000 K	140 lm/W
10395500	SM340C 36S/940 DEIA PCS L120 WH	3,600 lm	4000 K	138 lm/W
10396200	SM340C 42S/940 DEIA PCS L120 WH	4,200 lm	4000 K	138 lm/W
18228800	SM340C 28S/940 DEIA PCS L120 WH	2,800 lm	4000 K	136 lm/W
18232500	SM340C 36S/930 DEIA PCS L120 WH	3,600 lm	3000 K	138 lm/W

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
18241700	SM340C 45S/940 DEIA PCS L150 WH	4,500 lm	4000 K	140 lm/W
18242400	SM340C 52S/940 DEIA PCS L150 WH	5,200 lm	4000 K	137 lm/W
18245500	SM340C 35S/930 DEIA PCS L150 WH	3,500 lm	3000 K	140 lm/W
18246200	SM340C 45S/930 DEIA PCS L150 WH	4,500 lm	3000 K	140 lm/W
10363400	SM340C 35S/940 DEIA PCS L150 BK	3,500 lm	4000 K	140 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
10369600	SM340C 35S/940 DEIA MLO L150 WH	34.5 W
10397900	SM340C 36S/940 DEIA MLO L120 WH	38 W
10398600	SM340C 40S/940 DEIA MLO L120 WH	42.5 W
18244800	SM340C 50S/940 DEIA MLO L150 WH	52 W
10377100	SM340C 35S/940 DEIA O L150 WH	27 W
10362700	SM340C 35S/940 DEIA PCS L150 SI	25 W
10370200	SM340C 35S/940 DEIA MLO L150 SI	34.5 W
10371900	SM340C 35S/940 DEIA MLO L150 BK	34.5 W
10361000	SM340C 35S/940 DEIA PCS L150 WH	25 W
10395500	SM340C 36S/940 DEIA PCS L120 WH	26 W
10396200	SM340C 42S/940 DEIA PCS L120 WH	30.5 W
18228800	SM340C 28S/940 DEIA PCS L120 WH	20.5 W
18232500	SM340C 36S/930 DEIA PCS L120 WH	26 W
18241700	SM340C 45S/940 DEIA PCS L150 WH	32 W
18242400	SM340C 52S/940 DEIA PCS L150 WH	38 W
18245500	SM340C 35S/930 DEIA PCS L150 WH	25 W
18246200	SM340C 45S/930 DEIA PCS L150 WH	32 W
10363400	SM340C 35S/940 DEIA PCS L150 BK	25 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color
10369600	SM340C 35S/940 DEIA MLO L150 WH	White
10397900	SM340C 36S/940 DEIA MLO L120 WH	White
10398600	SM340C 40S/940 DEIA MLO L120 WH	White
18244800	SM340C 50S/940 DEIA MLO L150 WH	White
10377100	SM340C 35S/940 DEIA O L150 WH	White
10362700	SM340C 35S/940 DEIA PCS L150 SI	Silver
10370200	SM340C 35S/940 DEIA MLO L150 SI	Silver
10371900	SM340C 35S/940 DEIA MLO L150 BK	Black
10361000	SM340C 35S/940 DEIA PCS L150 WH	White
10395500	SM340C 36S/940 DEIA PCS L120 WH	White
10396200	SM340C 42S/940 DEIA PCS L120 WH	White

Order Code	Full Product Name	Housing Color
18228800	SM340C 28S/940 DEIA PCS L120 WH	White
18232500	SM340C 36S/930 DEIA PCS L120 WH	White
18241700	SM340C 45S/940 DEIA PCS L150 WH	White
18242400	SM340C 52S/940 DEIA PCS L150 WH	White
18245500	SM340C 35S/930 DEIA PCS L150 WH	White
18246200	SM340C 45S/930 DEIA PCS L150 WH	White
10363400	SM340C 35S/940 DEIA PCS L150 BK	Black

Approval and Application

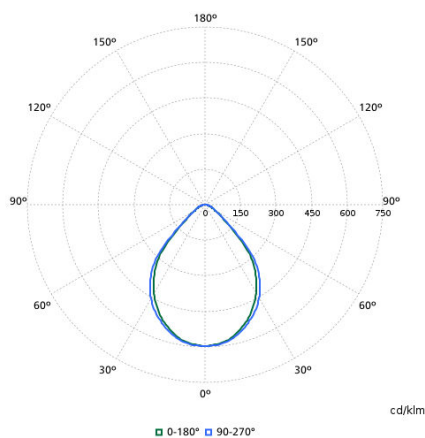
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10369600	SM340C 35S/940 DEIA MLO L150 WH	Temperature 650 °C, duration 30 s
10397900	SM340C 36S/940 DEIA MLO L120 WH	Temperature 650 °C, duration 30 s
10398600	SM340C 40S/940 DEIA MLO L120 WH	Temperature 650 °C, duration 30 s
18244800	SM340C 50S/940 DEIA MLO L150 WH	Temperature 650 °C, duration 30 s
10377100	SM340C 35S/940 DEIA O L150 WH	Temperature 850 °C, duration 30 s
10362700	SM340C 35S/940 DEIA PCS L150 SI	Temperature 850 °C, duration 30 s
10370200	SM340C 35S/940 DEIA MLO L150 SI	Temperature 650 °C, duration 30 s
10371900	SM340C 35S/940 DEIA MLO L150 BK	Temperature 650 °C, duration 30 s
10361000	SM340C 35S/940 DEIA PCS L150 WH	Temperature 850 °C, duration 30 s
10395500	SM340C 36S/940 DEIA PCS L120 WH	Temperature 850 °C, duration 30 s
10396200	SM340C 42S/940 DEIA PCS L120 WH	Temperature 850 °C, duration 30 s
18228800	SM340C 28S/940 DEIA PCS L120 WH	Temperature 850 °C, duration 30 s
18232500	SM340C 36S/930 DEIA PCS L120 WH	Temperature 850 °C, duration 30 s
18241700	SM340C 45S/940 DEIA PCS L150 WH	Temperature 850 °C, duration 30 s
18242400	SM340C 52S/940 DEIA PCS L150 WH	Temperature 850 °C, duration 30 s
18245500	SM340C 35S/930 DEIA PCS L150 WH	Temperature 850 °C, duration 30 s
18246200	SM340C 45S/930 DEIA PCS L150 WH	Temperature 850 °C, duration 30 s
10363400	SM340C 35S/940 DEIA PCS L150 BK	Temperature 850 °C, duration 30 s

Initial Performance (IEC Compliant)

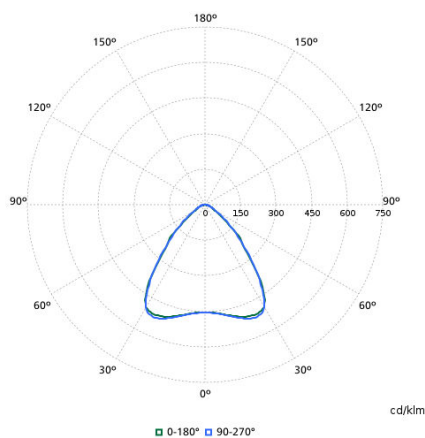
Order Code	Full Product Name	Initial chromaticity
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10397900	SM340C 36S/940 DEIA MLO L120 WH	(0.38, 0.38) SDCM <3
10398600	SM340C 40S/940 DEIA MLO L120 WH	(0.38, 0.38) SDCM <3
18244800	SM340C 50S/940 DEIA MLO L150 WH	(0.38, 0.38) SDCM <3
10377100	SM340C 35S/940 DEIA O L150 WH	(0.38, 0.38) SDCM <3
10362700	SM340C 35S/940 DEIA PCS L150 SI	(0.38, 0.38) SDCM <3
10370200	SM340C 35S/940 DEIA MLO L150 SI	(0.38, 0.38) SDCM <3
10371900	SM340C 35S/940 DEIA MLO L150 BK	(0.38, 0.38) SDCM <3
10361000	SM340C 35S/940 DEIA PCS L150 WH	(0.38, 0.38) SDCM <3

Order Code	Full Product Name	Initial chromaticity
10395500	SM340C 36S/940 DEIA PCS L120 WH	(0.38, 0.38) SDCM <3
10396200	SM340C 42S/940 DEIA PCS L120 WH	(0.38, 0.38) SDCM <3
18228800	SM340C 28S/940 DEIA PCS L120 WH	(0.38, 0.38) SDCM <3
18232500	SM340C 36S/930 DEIA PCS L120 WH	(0.43, 0.40) SDCM <3
18241700	SM340C 45S/940 DEIA PCS L150 WH	(0.38, 0.38) SDCM <3
18242400	SM340C 52S/940 DEIA PCS L150 WH	(0.38, 0.38) SDCM <3
18245500	SM340C 35S/930 DEIA PCS L150 WH	(0.43, 0.40) SDCM <3
18246200	SM340C 45S/930 DEIA PCS L150 WH	(0.43, 0.40) SDCM <3
10363400	SM340C 35S/940 DEIA PCS L150 BK	(0.38, 0.38) SDCM <3

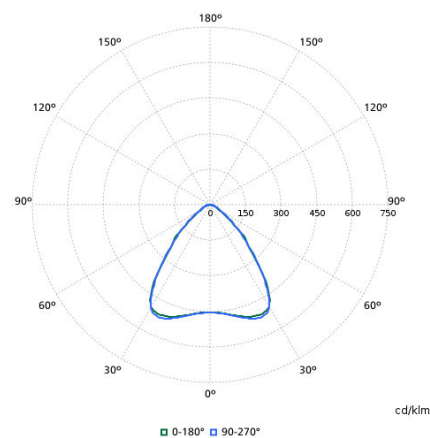
Polar normal diagrams



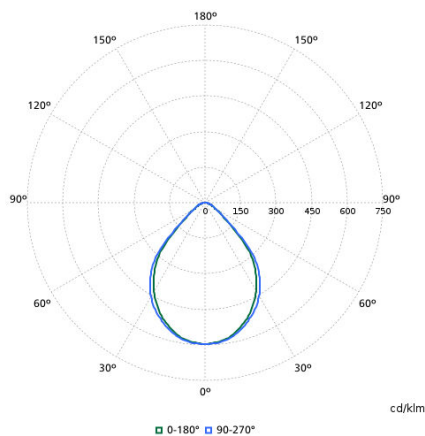
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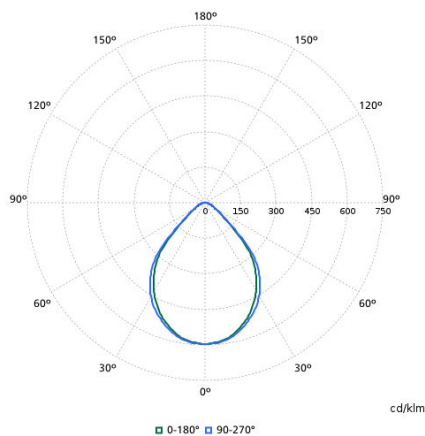
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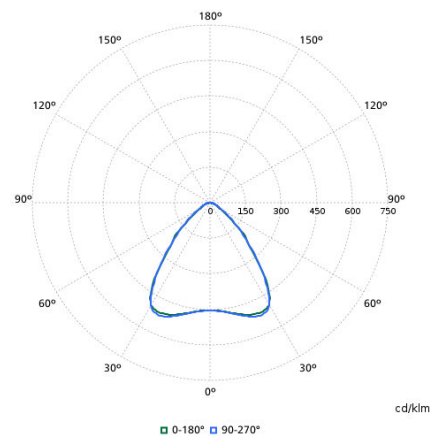
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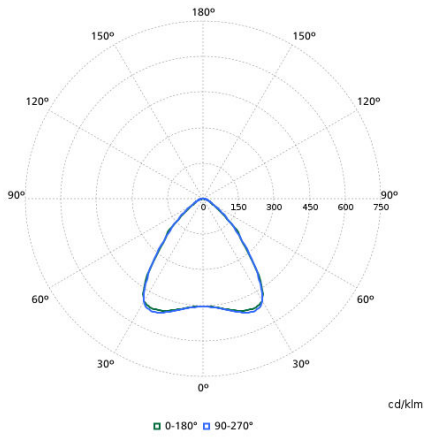
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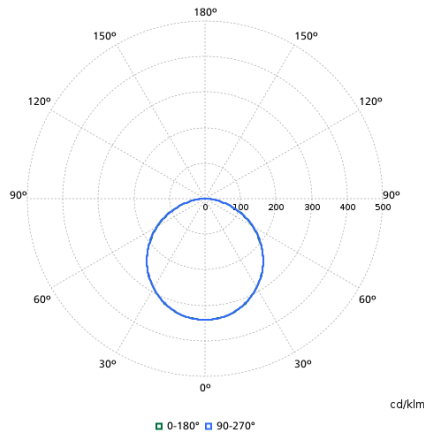
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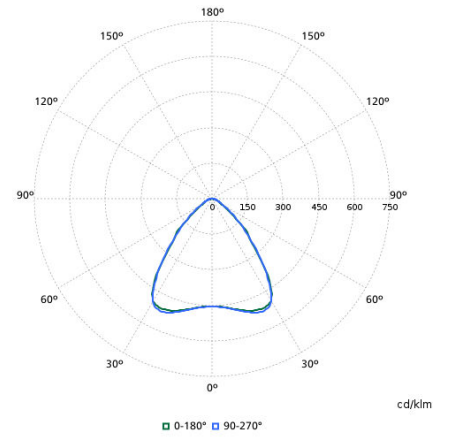
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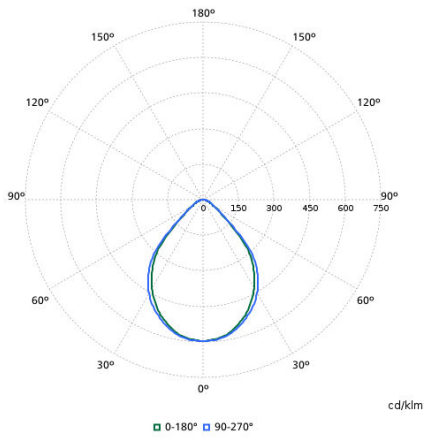
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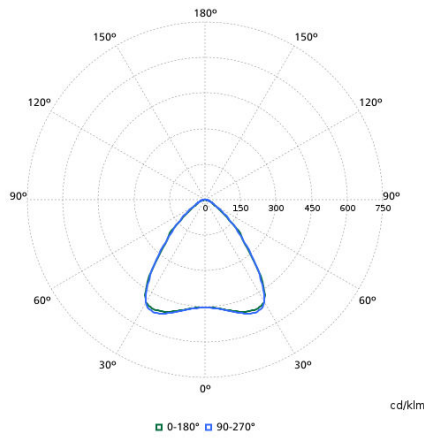
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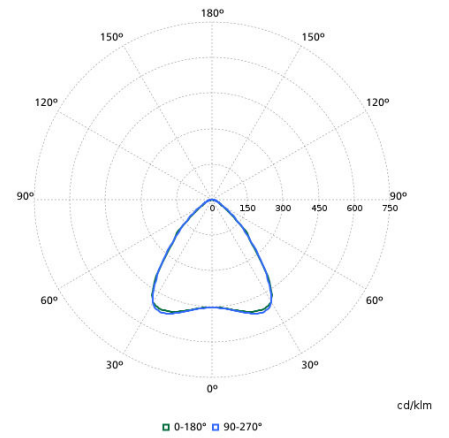
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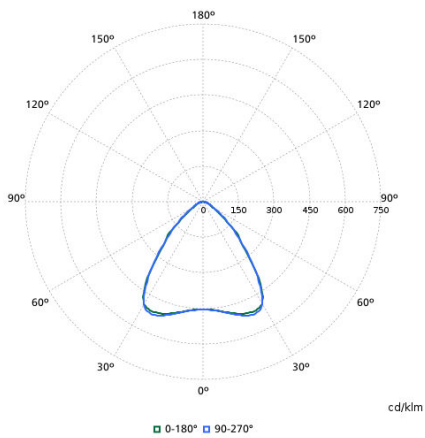
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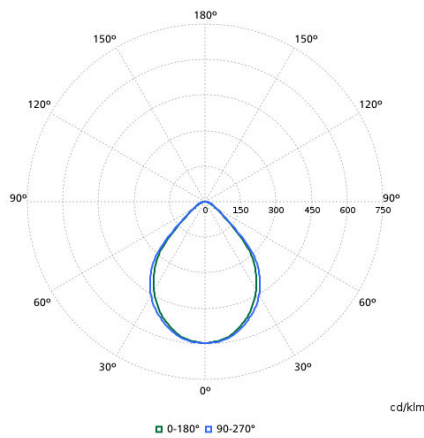
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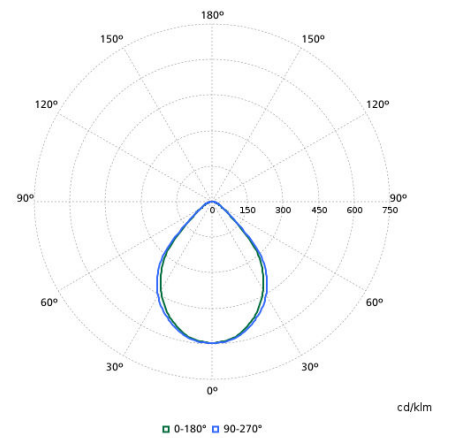
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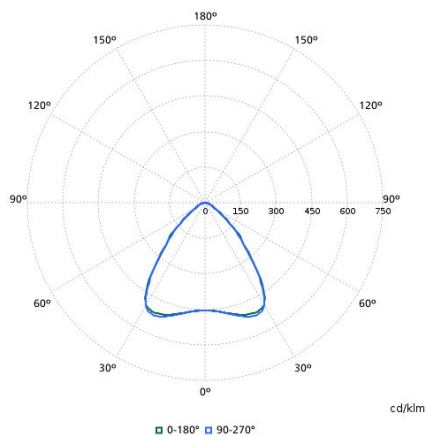
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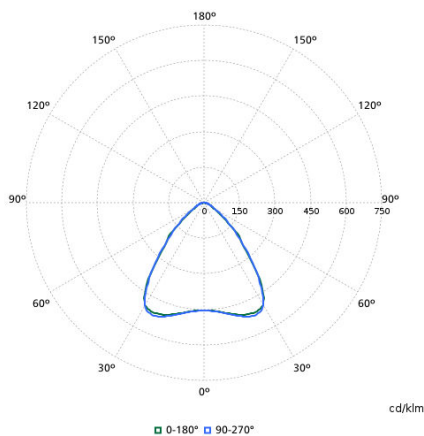
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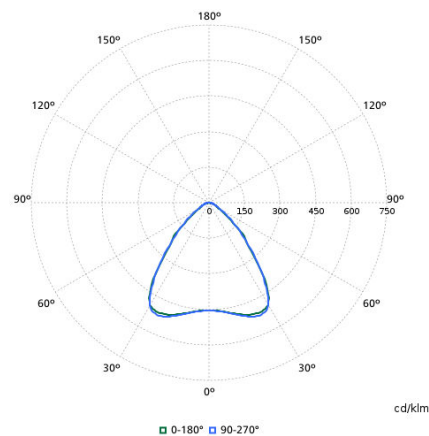
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