

FlexBlend, Suspended

SP340P



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 to 4 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 SpaceWise, and to software-based lighting systems as 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



FlexBlend Suspended SP340P
O WH



FlexBlend Suspended SP340P
PCS BK



FlexBlend Suspended SP340P
PCS WH



FlexBlend Suspended SP340P
MLO BK



FlexBlend Suspended SP340P
PCS SI



FlexBlend Suspended SP340P
MLO SI



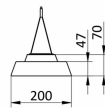
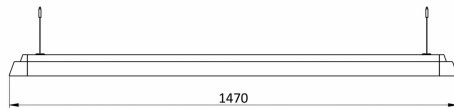
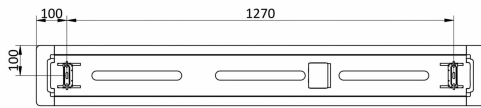
FlexBlend Suspended SP340P
MLO WH



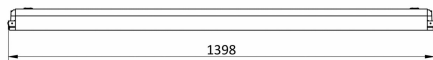
FlexBlend Suspended SP340P
O BK

Dimensional drawing

FlexBlend SS L150 DIR IND

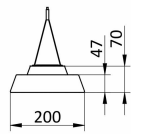
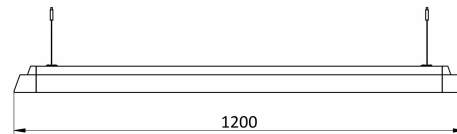
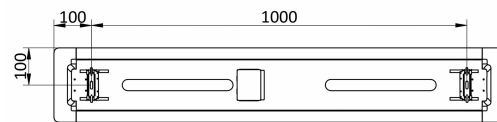


LINE
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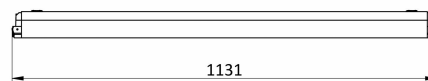


FLEXBLEND SUSPENDED D/I STAND-ALONE

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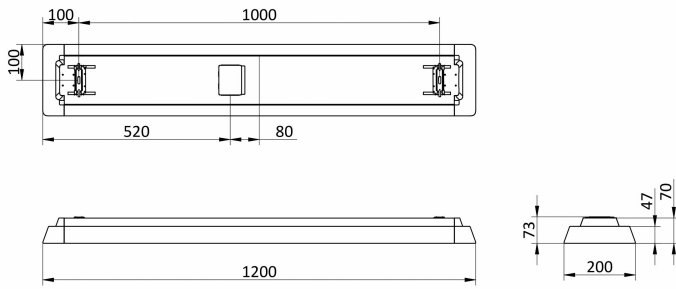


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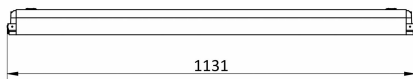


FLEXBLEND SUSPENDED D/I STAND-ALONE

FlexBlend SM L120 DIR



LINE FlexBlend SM L120 DIR



FLEXBLEND SUSPENDED D STAND-ALONE

Product details



FlexBlend Suspended SP340P
WH



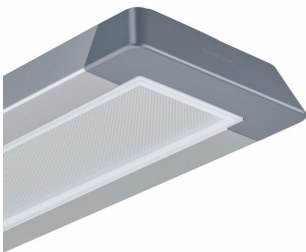
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FlexBlend Suspended SP340P
O BK



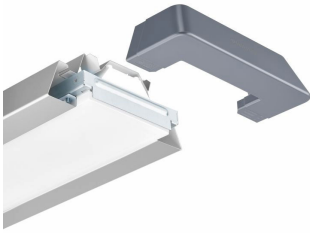
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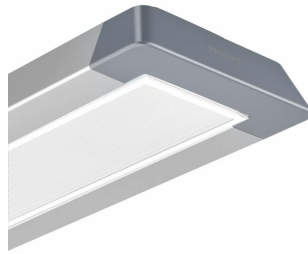
FlexBlend Suspended SP340P
MLO SI



FlexBlend Suspended SP340P
PCS WH



FlexBlend Suspended SP340P
O SI



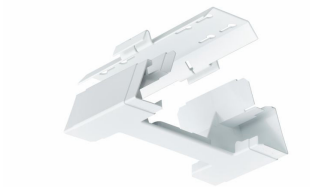
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PCS SI



FlexBlend Suspended SP340P
PCS BK



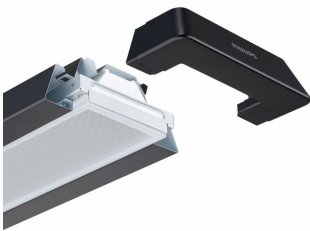
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SI



FlexBlend Suspended SP340P
WH



FlexBlend Suspended SP340P
BK



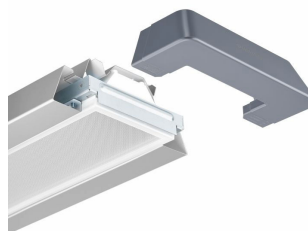
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MLO BK



FlexBlend Suspended SP340P
MLO BK



FlexBlend Suspended SP340P
BK



FlexBlend Suspended SP340P
MLO SI



FlexBlend Surface Mounted
SM340C



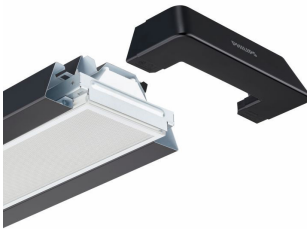
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O WH



FlexBlend Suspended SP340P
MLO WH



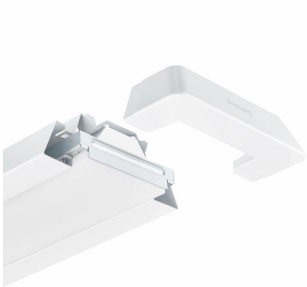
FlexBlend Suspended SP340P
SI



FlexBlend Suspended SP340P
PCS BK



FlexBlend Suspended SP340P
BK



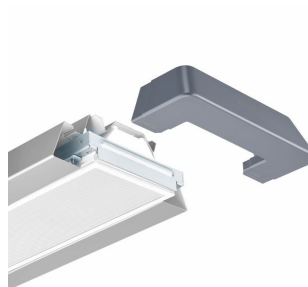
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O WH



FlexBlend Suspended SP340P
WH



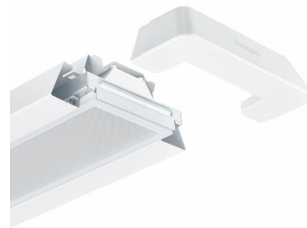
FlexBlend Suspended SP340P
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PCS SI



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MLO WH



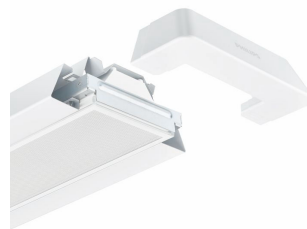
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BK



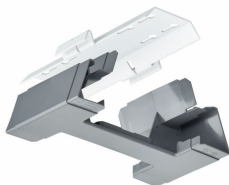
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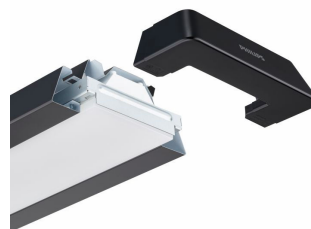
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General Information

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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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
10378800	SP342P 45S/940 DEIA O SMT L150 WH	4,500 lm	4000 K	136 lm/W
18286800	SP342P 36S/940 DEIA O SMT L120 WH	3,600 lm	4000 K	128 lm/W
10367200	SP342P 45S/940 DEIA PCS SMT L150 BK	4,500 lm	4000 K	145 lm/W
10365800	SP342P 45S/940 DEIA PCS SMT L150 WH	4,500 lm	4000 K	145 lm/W
10387000	SP340P 36S/940 DEIA PCS SMT L120 WH	3,600 lm	4000 K	138 lm/W

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
10388700	SP340P 42S/940 DEIA PCS SMT L120 WH	4,200 lm	4000 K	143 lm/W
10391700	SP342P 48S/940 DEIA PCS SMT L120 WH	4,800 lm	4000 K	141 lm/W
18294300	SP342P 60S/940 DEIA PCS SMT L150 WH	6,000 lm	4000 K	140 lm/W
18295000	SP342P 70S/940 DEIA PCS SMT L150 WH	7,000 lm	4000 K	137 lm/W
18299800	SP342P 60S/930 DEIA PCS SMT L150 WH	6,000 lm	3000 K	140 lm/W
18316200	SP343P 35S/940 DEIA PCS SMT L150 WH	3,500 lm	4000 K	140 lm/W
10375700	SP342P 45S/940 DEIA MLO SMT L150 BK	4,500 lm	4000 K	112 lm/W
10366500	SP342P 45S/940 DEIA PCS SMT L150 SI	4,500 lm	4000 K	145 lm/W
10374000	SP342P 45S/940 DEIA MLO SMT L150 SI	4,500 lm	4000 K	112 lm/W
10373300	SP342P 45S/940 DEIA MLO SMT L150 WH	4,500 lm	4000 K	112 lm/W
10389400	SP340P 36S/940 DEIA MLO SMT L120 WH	3,600 lm	4000 K	95 lm/W
10390000	SP340P 40S/940 DEIA MLO SMT L120 WH	4,000 lm	4000 K	94 lm/W
10393100	SP342P 48S/940 DEIA MLO SMT L120 WH	4,800 lm	4000 K	109 lm/W
10394800	SP342P 52S/940 DEIA MLO SMT L120 WH	5,200 lm	4000 K	108 lm/W
18307000	SP342P 45S/940 DEIA O SMT L150 BK	4,500 lm	4000 K	136 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
10378800	SP342P 45S/940 DEIA O SMT L150 WH	37.5 W
18286800	SP342P 36S/940 DEIA O SMT L120 WH	29 W
10367200	SP342P 45S/940 DEIA PCS SMT L150 BK	35 W
10365800	SP342P 45S/940 DEIA PCS SMT L150 WH	35 W
10387000	SP340P 36S/940 DEIA PCS SMT L120 WH	26.5 W
10388700	SP340P 42S/940 DEIA PCS SMT L120 WH	32 W
10391700	SP342P 48S/940 DEIA PCS SMT L120 WH	36 W
18294300	SP342P 60S/940 DEIA PCS SMT L150 WH	46.5 W
18295000	SP342P 70S/940 DEIA PCS SMT L150 WH	52 W
18299800	SP342P 60S/930 DEIA PCS SMT L150 WH	49.5 W
18316200	SP343P 35S/940 DEIA PCS SMT L150 WH	27.5 W
10375700	SP342P 45S/940 DEIA MLO SMT L150 BK	42.5 W
10366500	SP342P 45S/940 DEIA PCS SMT L150 SI	35 W
10374000	SP342P 45S/940 DEIA MLO SMT L150 SI	42.5 W
10373300	SP342P 45S/940 DEIA MLO SMT L150 WH	42.5 W
10389400	SP340P 36S/940 DEIA MLO SMT L120 WH	35 W
10390000	SP340P 40S/940 DEIA MLO SMT L120 WH	39 W
10393100	SP342P 48S/940 DEIA MLO SMT L120 WH	44.5 W
10394800	SP342P 52S/940 DEIA MLO SMT L120 WH	48.5 W
18307000	SP342P 45S/940 DEIA O SMT L150 BK	37.5 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color
10378800	SP342P 45S/940 DEIA O SMT L150 WH	White
18286800	SP342P 36S/940 DEIA O SMT L120 WH	White
10367200	SP342P 45S/940 DEIA PCS SMT L150 BK	Black
10365800	SP342P 45S/940 DEIA PCS SMT L150 WH	White
10387000	SP340P 36S/940 DEIA PCS SMT L120 WH	White
10388700	SP340P 42S/940 DEIA PCS SMT L120 WH	White
10391700	SP342P 48S/940 DEIA PCS SMT L120 WH	White
18294300	SP342P 60S/940 DEIA PCS SMT L150 WH	White
18295000	SP342P 70S/940 DEIA PCS SMT L150 WH	White
18299800	SP342P 60S/930 DEIA PCS SMT L150 WH	White
18316200	SP343P 35S/940 DEIA PCS SMT L150 WH	White
10375700	SP342P 45S/940 DEIA MLO SMT L150 BK	Black
10366500	SP342P 45S/940 DEIA PCS SMT L150 SI	Silver
10374000	SP342P 45S/940 DEIA MLO SMT L150 SI	Silver
10373300	SP342P 45S/940 DEIA MLO SMT L150 WH	White
10389400	SP340P 36S/940 DEIA MLO SMT L120 WH	White
10390000	SP340P 40S/940 DEIA MLO SMT L120 WH	White
10393100	SP342P 48S/940 DEIA MLO SMT L120 WH	White
10394800	SP342P 52S/940 DEIA MLO SMT L120 WH	White
18307000	SP342P 45S/940 DEIA O SMT L150 BK	Black

Approval and Application

Order Code	Full Product Name	Glow-wire test
10378800	SP342P 45S/940 DEIA O SMT L150 WH	Temperature 850 °C, duration 30 s
18286800	SP342P 36S/940 DEIA O SMT L120 WH	Temperature 850 °C, duration 30 s
10367200	SP342P 45S/940 DEIA PCS SMT L150 BK	Temperature 850 °C, duration 30 s
10365800	SP342P 45S/940 DEIA PCS SMT L150 WH	Temperature 850 °C, duration 30 s
10387000	SP340P 36S/940 DEIA PCS SMT L120 WH	Temperature 850 °C, duration 30 s
10388700	SP340P 42S/940 DEIA PCS SMT L120 WH	Temperature 850 °C, duration 30 s
10391700	SP342P 48S/940 DEIA PCS SMT L120 WH	Temperature 850 °C, duration 30 s
18294300	SP342P 60S/940 DEIA PCS SMT L150 WH	Temperature 850 °C, duration 30 s
18295000	SP342P 70S/940 DEIA PCS SMT L150 WH	Temperature 850 °C, duration 30 s
18299800	SP342P 60S/930 DEIA PCS SMT L150 WH	Temperature 850 °C, duration 30 s
18316200	SP343P 35S/940 DEIA PCS SMT L150 WH	Temperature 850 °C, duration 30 s
10375700	SP342P 45S/940 DEIA MLO SMT L150 BK	Temperature 650 °C, duration 30 s
10366500	SP342P 45S/940 DEIA PCS SMT L150 SI	Temperature 850 °C, duration 30 s
10374000	SP342P 45S/940 DEIA MLO SMT L150 SI	Temperature 650 °C, duration 30 s
10373300	SP342P 45S/940 DEIA MLO SMT L150 WH	Temperature 650 °C, duration 30 s
10389400	SP340P 36S/940 DEIA MLO SMT L120 WH	Temperature 650 °C, duration 30 s
10390000	SP340P 40S/940 DEIA MLO SMT L120 WH	Temperature 650 °C, duration 30 s

Order Code	Full Product Name	Glow-wire test
10393100	SP342P 48S/940 DEIA MLO SMT L120 WH	Temperature 650 °C, duration 30 s
10394800	SP342P 52S/940 DEIA MLO SMT L120 WH	Temperature 650 °C, duration 30 s
18307000	SP342P 45S/940 DEIA O SMT L150 BK	Temperature 850 °C, duration 30 s

Initial Performance (IEC Compliant)

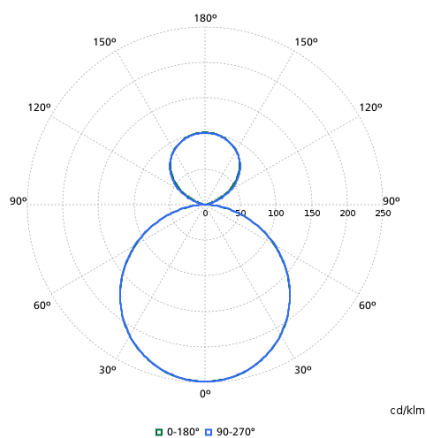
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18286800	SP342P 36S/940 DEIA O SMT L120 WH	(0.38, 0.38) SDCM <3
10367200	SP342P 45S/940 DEIA PCS SMT L150 BK	(0.38, 0.38) SDCM <3
10365800	SP342P 45S/940 DEIA PCS SMT L150 WH	(0.38, 0.38) SDCM <3
10387000	SP340P 36S/940 DEIA PCS SMT L120 WH	(0.38, 0.38) SDCM <3
10388700	SP340P 42S/940 DEIA PCS SMT L120 WH	(0.38, 0.38) SDCM <3
10391700	SP342P 48S/940 DEIA PCS SMT L120 WH	(0.38, 0.38) SDCM <3
18294300	SP342P 60S/940 DEIA PCS SMT L150 WH	(0.38, 0.38) SDCM <3
18295000	SP342P 70S/940 DEIA PCS SMT L150 WH	(0.38, 0.38) SDCM <3
18299800	SP342P 60S/930 DEIA PCS SMT L150 WH	(0.43, 0.40) SDCM <3
18316200	SP343P 35S/940 DEIA PCS SMT L150 WH	(0.38, 0.38) SDCM <3
10375700	SP342P 45S/940 DEIA MLO SMT L150 BK	(0.38, 0.38) SDCM <3
10366500	SP342P 45S/940 DEIA PCS SMT L150 SI	(0.38, 0.38) SDCM <3
10374000	SP342P 45S/940 DEIA MLO SMT L150 SI	(0.38, 0.38) SDCM <3
10373300	SP342P 45S/940 DEIA MLO SMT L150 WH	(0.38, 0.38) SDCM <3
10389400	SP340P 36S/940 DEIA MLO SMT L120 WH	(0.38, 0.38) SDCM <3
10390000	SP340P 40S/940 DEIA MLO SMT L120 WH	(0.38, 0.38) SDCM <3
10393100	SP342P 48S/940 DEIA MLO SMT L120 WH	(0.38, 0.38) SDCM <3
10394800	SP342P 52S/940 DEIA MLO SMT L120 WH	(0.38, 0.38) SDCM <3
18307000	SP342P 45S/940 DEIA O SMT L150 BK	(0.38, 0.38) SDCM <3

Product Data

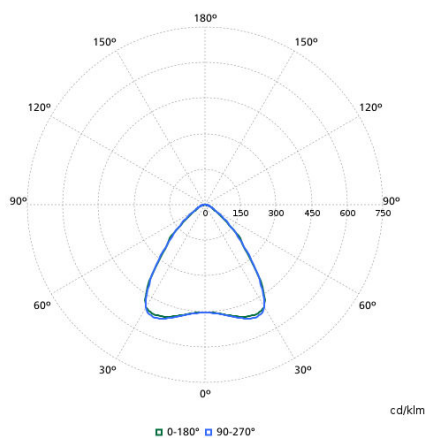
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10367200	SP342P 45S/940 DEIA PCS SMT L150 BK	SP342P
10365800	SP342P 45S/940 DEIA PCS SMT L150 WH	SP342P
10387000	SP340P 36S/940 DEIA PCS SMT L120 WH	SP340P
10388700	SP340P 42S/940 DEIA PCS SMT L120 WH	SP340P
10391700	SP342P 48S/940 DEIA PCS SMT L120 WH	SP342P
18294300	SP342P 60S/940 DEIA PCS SMT L150 WH	SP342P
18295000	SP342P 70S/940 DEIA PCS SMT L150 WH	SP342P
18299800	SP342P 60S/930 DEIA PCS SMT L150 WH	SP342P
18316200	SP343P 35S/940 DEIA PCS SMT L150 WH	SP343P

Order Code	Full Product Name	Product family code
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10366500	SP342P 45S/940 DEIA PCS SMT L150 SI	SP342P
10374000	SP342P 45S/940 DEIA MLO SMT L150 SI	SP342P
10373300	SP342P 45S/940 DEIA MLO SMT L150 WH	SP342P
10389400	SP340P 36S/940 DEIA MLO SMT L120 WH	SP340P
10390000	SP340P 40S/940 DEIA MLO SMT L120 WH	SP340P
10393100	SP342P 48S/940 DEIA MLO SMT L120 WH	SP342P
10394800	SP342P 52S/940 DEIA MLO SMT L120 WH	SP342P
18307000	SP342P 45S/940 DEIA O SMT L150 BK	SP342P

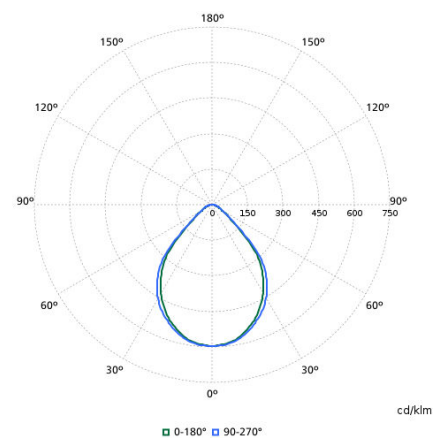
Polar normal diagrams



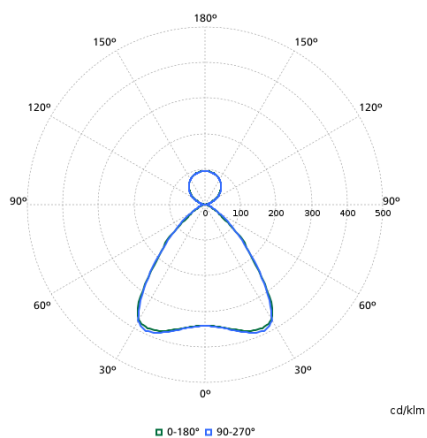
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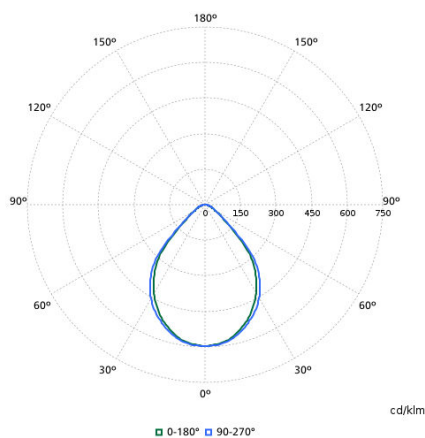
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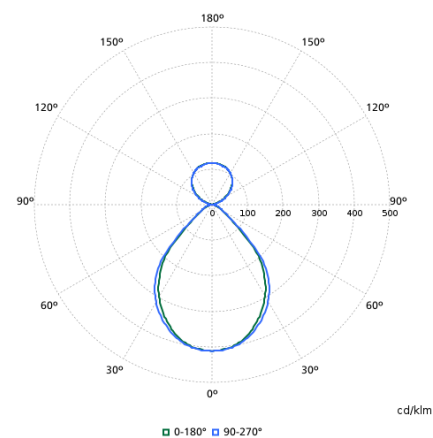
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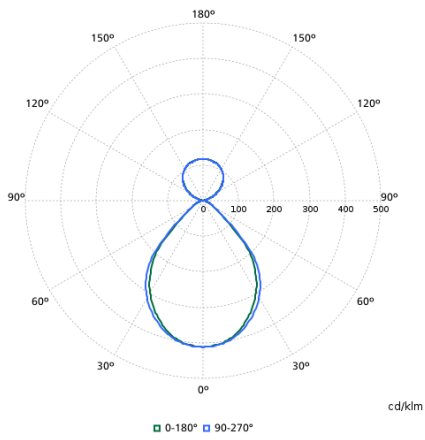
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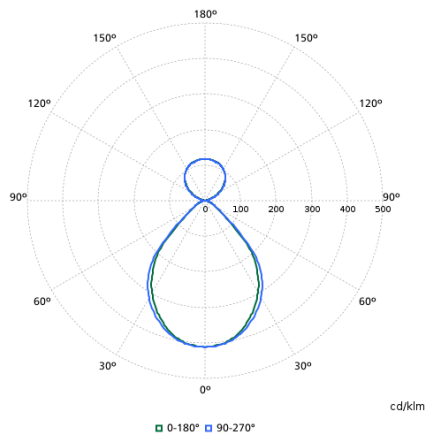
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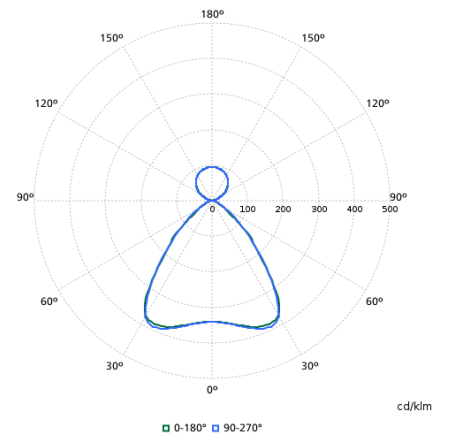
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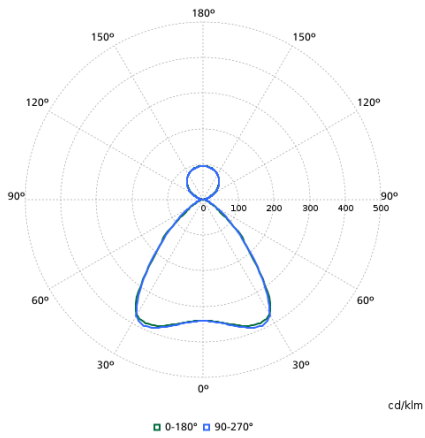
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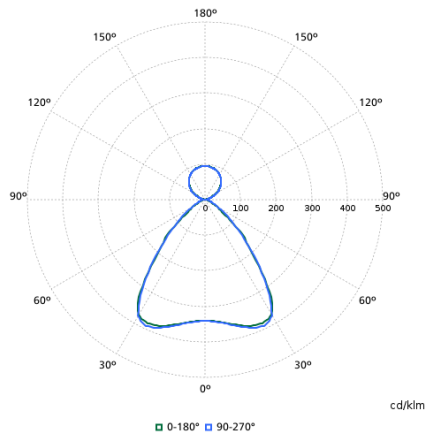
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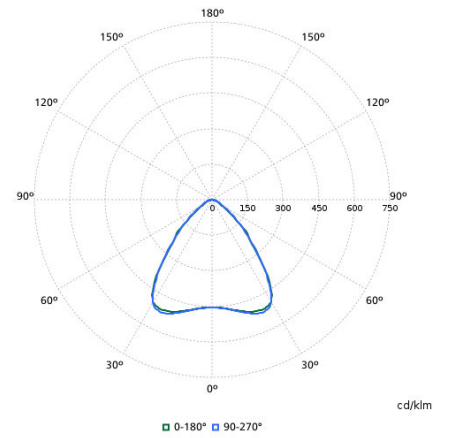
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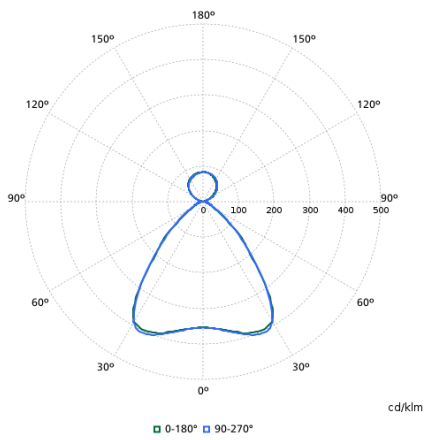
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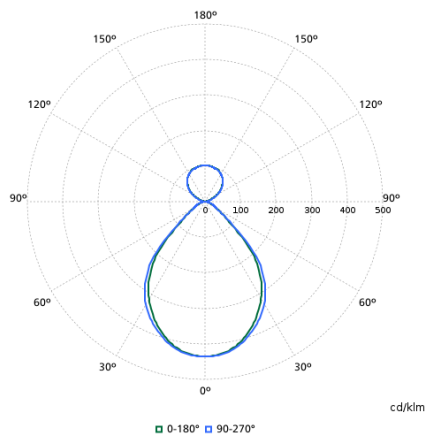
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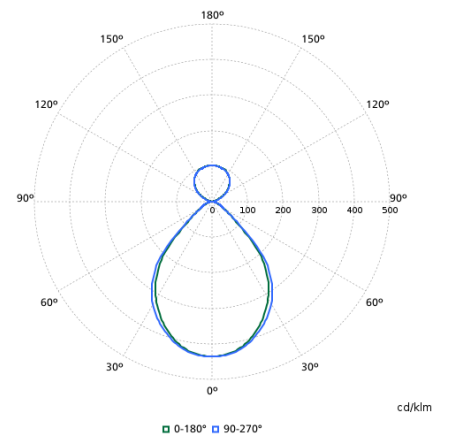
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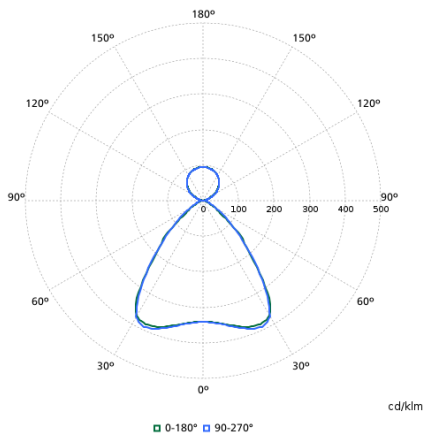
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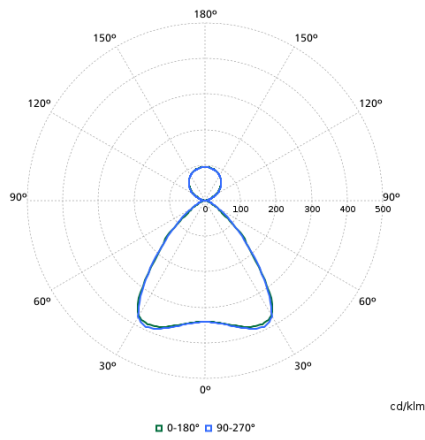
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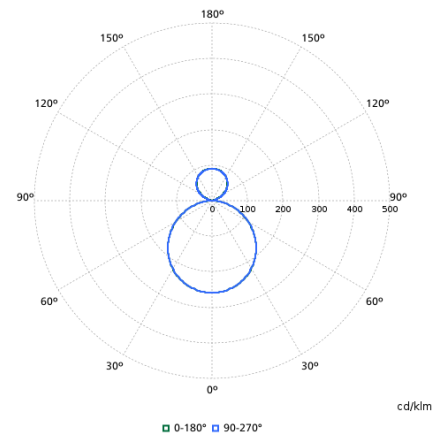
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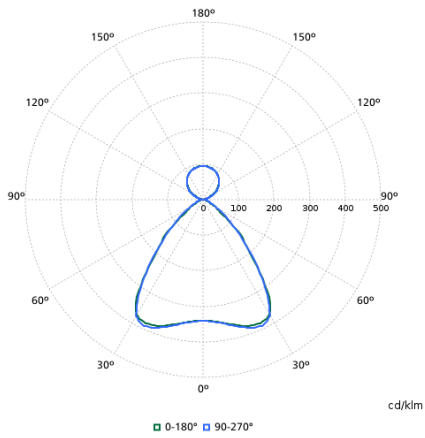
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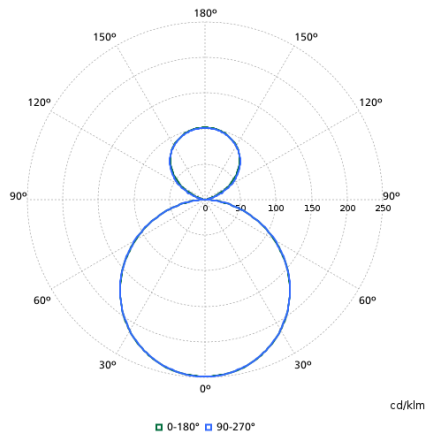
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SM340CI - 910925867924



SM340CI - 910925867954



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