

FlexBlend – Unlocking the potential of LED lighting in offices

FlexBlend Recessed

Office owners and staff responsible for lighting operations are searching for high quality yet energy-efficient lighting that complies with norms and regulations. Designed to support these needs, Philips FlexBlend is enabling building owners to fully optimize their lighting operations, by offering office-compliant lighting with an attractive return on investment. Furthermore, FlexBlend provides the required flexibility by being easy applied on different ceiling types as well as in different office spaces like open office or meeting rooms. Though technology is changing fast, the ideal lighting solution is also expected to be ready to incorporate innovations and future advances that can help optimize operations further. For this reason, Philips FlexBlend is also ready to be connected to controls such as Actilume or used together with the Philips SpaceWise lighting system. It can also be connected to software-based lighting systems like Interact Office, which provides the luminaire with further intelligence and enables it to collect valuable data about its environment

Benefits

- High-quality office-compliant lighting
- Choice of three different exit-windows
- Fast return on investment
- Application flexibility
- Scalable and ready to be connected to controls and lighting systems

FlexBlend Recessed

Features

- Fully office-compliant (UGR <19)
- Homogenous and uniform light effect
- Dimensional variety, local options
- Various mounting options
- Integrated sensors
- Can be combined with Philips ActiLume and SpaceWise systems
- Ready to be connected to software based lighting systems such as Interact Office

Application

- Offices
- Education
- Healthcare
- Banks

Versions



FlexBlend RC340B W30L120 U4

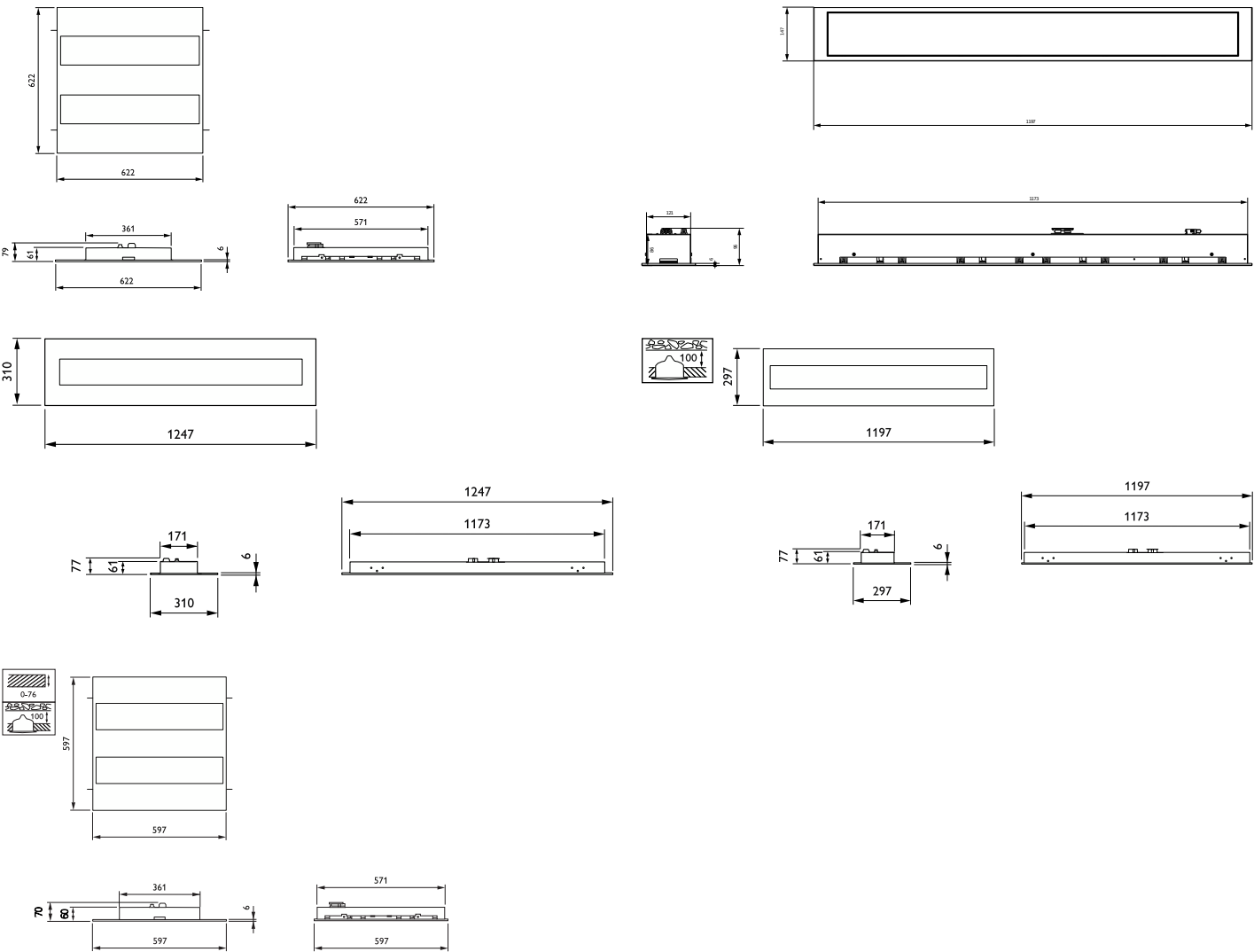


FlexBlend Recessed RC340B
W60L60 MLO CPC

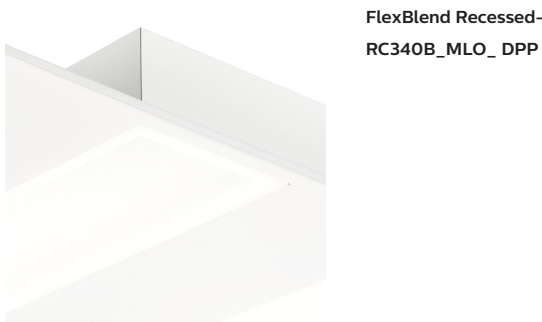
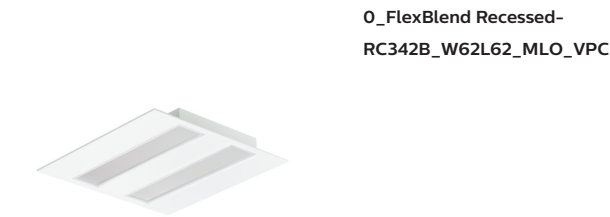


FlexBlend Recessed RC340B
W60L60 MLO PCV

Dimensional drawing



Product details



FlexBlend Recessed

Product details



FlexBlend Recessed-
RC340B_W60L60_Backcover_VP
C



FlexBlend Recessed-
RC340B_PCS_DPP



O_FlexBlend Recessed-
RC340B_W60L60_PCS_VPC



FlexBlend Recessed RC340B PIP
Open



FlexBlend Recessed-
RC340B_W60L60_backcover_PC
V



O_FlexBlend Recessed-
RC340B_W60L60_MLO_VPC



FlexBlend Recessed-RC340B PIP
Closed



FlexBlend_RC340B_W30L120_U4
_DPP

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General Information	
Driver included	Yes
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Color rendering index (CRI)	≥90
Optic type	Wide beam
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Controls and Dimming	
Dimmable	Yes
Maximum dim level	1%
Mechanical and Housing	
Housing Color	White
Mech. impact protection code	IK02
Approval and Application	
Ambient temperature range	+10 to +40 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.37) SDCM ≤3
Luminous flux tolerance	+/-10%

Light Technical

Order Code	Full Product Name	Correlated Color	Luminous Efficacy	Luminous Flux
		Temperature (Nom)	(rated) (Nom)	
910925867016	RC340B 36S/940 PSD W15L120 VPC MLO	4000 K	97.5 lm/W	3,600 lm
910925867018	RC340B 42S/940 PSD W15L120 VPC MLO	4000 K	94.5 lm/W	4,200 lm
910925866979	RC340B 36S/940 PSD W30L120 VPC MLO	4000 K	97.5 lm/W	3,600 lm
910925866983	RC342B 36S/940 PSD W31L125 VPC MLO	4000 K	97.5 lm/W	3,600 lm
910925868910	RC340B 36S/930 SRD W60L60 VPC MLO U4	3000 K	93.5 lm/W	3,600 lm
910925868911	RC340B 36S/930 SRD W60L60 VPC MLO U4	3000 K	93.5 lm/W	3,600 lm
910925868912	RC340B 36S/930 SRD W60L60 VPC PCS U4	3000 K	136 lm/W	3,600 lm
910925868913	RC340B 36S/930 SRD W60L60 VPC PCS U4	3000 K	136 lm/W	3,600 lm
910925868914	RC340B 36S/940 SRD W60L60 VPC MLO U4	4000 K	97.5 lm/W	3,600 lm
910925868915	RC340B 36S/940 SRD W60L60 VPC MLO U4	4000 K	97.5 lm/W	3,600 lm
910925868916	RC340B 36S/940 SRD W60L60 VPC PCS U4	4000 K	141 lm/W	3,600 lm
910925868917	RC340B 36S/940 SRD W60L60 VPC PCS U4	4000 K	141 lm/W	3,600 lm
910925868918	RC340B 36S/940 SRD W60L60 VPC PCS U4 W3	4000 K	141 lm/W	3,600 lm
910925868920	RC340B 42S/940 SRD W60L60 VPC PCS U4 W3	4000 K	140 lm/W	4,200 lm
910925868919	RC340B 42S/940 SRD W30L120 VPC PCS U4 W3	4000 K	140 lm/W	4,200 lm
910925866969	RC340B 36S/940 PSD W60L60 VPC MLO	4000 K	97.5 lm/W	3,600 lm
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	4000 K	144 lm/W	3,600 lm
910925867004	RC340B 42S/940 PSD W60L60 VPC PCS	4000 K	140 lm/W	4,200 lm
910925867066	RC340B 36S/940 PSD W60L60 VPC PCS	4000 K	144 lm/W	3,600 lm
910925866999	RC340B 42S/940 PSD W60L60 VPC MLO	4000 K	94.5 lm/W	4,200 lm
910925867064	RC340B 36S/940 PSD W60L60 VPC MLO	4000 K	97.5 lm/W	3,600 lm
910925866970	RC340B 36S/940 POE W60L60 VPC MLO	4000 K	97.5 lm/W	3,600 lm
910925866978	RC340B 36S/940 PSD W60L60 PCV MLO	4000 K	97.5 lm/W	3,600 lm
910925866981	RC342B 36S/940 PSD W62L62 VPC MLO	4000 K	97.5 lm/W	3,600 lm

Operating and Electrical

FlexBlend Recessed

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925867016	RC340B 36S/940 PSD W15L120 VPC MLO	37 W	Yes
910925867018	RC340B 42S/940 PSD W15L120 VPC MLO	44.5 W	Yes
910925866979	RC340B 36S/940 PSD W30L120 VPC MLO	37 W	Yes
910925866983	RC342B 36S/940 PSD W31L125 VPC MLO	37 W	Yes
910925868910	RC340B 36S/930 SRD W60L60 VPC MLO U4	38.5 W	No
910925868911	RC340B 36S/930 SRD W60L60 VPC MLO U4	38.5 W	No
910925868912	RC340B 36S/930 SRD W60L60 VPC PCS U4	26.5 W	No
910925868913	RC340B 36S/930 SRD W60L60 VPC PCS U4	26.5 W	No
910925868914	RC340B 36S/940 SRD W60L60 VPC MLO U4	37 W	No
910925868915	RC340B 36S/940 SRD W60L60 VPC MLO U4	37 W	No
910925868916	RC340B 36S/940 SRD W60L60 VPC PCS U4	25.5 W	No
910925868917	RC340B 36S/940 SRD W60L60 VPC PCS U4	25.5 W	No

Controls and Dimming

Order Code	Full Product Name	Embedded control
910925867016	RC340B 36S/940 PSD W15L120 VPC MLO	-
910925867018	RC340B 42S/940 PSD W15L120 VPC MLO	-
910925866979	RC340B 36S/940 PSD W30L120 VPC MLO	-
910925866983	RC342B 36S/940 PSD W31L125 VPC MLO	-
910925868910	RC340B 36S/930 SRD W60L60 VPC MLO U4	Upgradable sensor slot with SNS210 sensor
910925868911	RC340B 36S/930 SRD W60L60 VPC MLO U4	Upgradable sensor slot with SNS210 sensor
910925868912	RC340B 36S/930 SRD W60L60 VPC PCS U4	Upgradable sensor slot with SNS210 sensor
910925868913	RC340B 36S/930 SRD W60L60 VPC PCS U4	Upgradable sensor slot with SNS210 sensor
910925868914	RC340B 36S/940 SRD W60L60 VPC MLO U4	Upgradable sensor slot with SNS210 sensor
910925868915	RC340B 36S/940 SRD W60L60 VPC MLO U4	Upgradable sensor slot with SNS210 sensor
910925868916	RC340B 36S/940 SRD W60L60 VPC PCS U4	Upgradable sensor slot with SNS210 sensor

Mechanical and Housing

Order Code	Full Product Name	Power Consumption	Suitable for random switching
910925868918	RC340B 36S/940 SRD W60L60 VPC PCS U4 W3	25.5 W	No
910925868920	RC340B 42S/940 SRD W60L60 VPC PCS U4 W3	30 W	No
910925868919	RC340B 42S/940 SRD W30L120 VPC PCS U4 W3	30 W	No
910925866969	RC340B 36S/940 PSD W60L60 VPC MLO	37 W	Yes
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	25 W	Yes
910925867004	RC340B 42S/940 PSD W60L60 VPC PCS	30 W	Yes
910925867066	RC340B 36S/940 PSD W60L60 VPC PCS	25 W	Yes
910925866999	RC340B 42S/940 PSD W60L60 VPC MLO	44.5 W	Yes
910925867064	RC340B 36S/940 PSD W60L60 VPC MLO	37 W	Yes
910925866970	RC340B 36S/940 POE W60L60 VPC MLO	37 W	Yes
910925866978	RC340B 36S/940 PSD W60L60 PCV MLO	37 W	Yes
910925866981	RC342B 36S/940 PSD W62L62 VPC MLO	37 W	Yes

Order Code	Full Product Name	Embedded control
910925868917	RC340B 36S/940 SRD W60L60 VPC PCS U4	Upgradable sensor slot with SNS210 sensor
910925868918	RC340B 36S/940 SRD W60L60 VPC PCS U4 W3	Upgradable sensor slot with SNS210 sensor
910925868920	RC340B 42S/940 SRD W60L60 VPC PCS U4 W3	Upgradable sensor slot with SNS210 sensor
910925868919	RC340B 42S/940 SRD W30L120 VPC PCS U4 W3	Upgradable sensor slot with SNS210 sensor
910925866969	RC340B 36S/940 PSD W60L60 VPC MLO	-
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	-
910925867004	RC340B 42S/940 PSD W60L60 VPC PCS	-
910925867066	RC340B 36S/940 PSD W60L60 VPC PCS	-
910925866999	RC340B 42S/940 PSD W60L60 VPC MLO	-
910925867064	RC340B 36S/940 PSD W60L60 VPC MLO	-
910925866970	RC340B 36S/940 POE W60L60 VPC MLO	-
910925866978	RC340B 36S/940 PSD W60L60 PCV MLO	-
910925866981	RC342B 36S/940 PSD W62L62 VPC MLO	-

FlexBlend Recessed

Order Code	Full Product Name	Ingress protection code
910925867016	RC340B 36S/940 PSD W15L120 VPC MLO	IP20/40
910925867018	RC340B 42S/940 PSD W15L120 VPC MLO	IP20/40
910925866979	RC340B 36S/940 PSD W30L120 VPC MLO	IP20/40
910925866983	RC342B 36S/940 PSD W31L125 VPC MLO	IP20/40
910925868910	RC340B 36S/930 SRD W60L60 VPC MLO U4	IP20
910925868911	RC340B 36S/930 SRD W60L60 VPC MLO U4	IP20
910925868912	RC340B 36S/930 SRD W60L60 VPC PCS U4	IP20/54
910925868913	RC340B 36S/930 SRD W60L60 VPC PCS U4	IP20/54
910925868914	RC340B 36S/940 SRD W60L60 VPC MLO U4	IP20
910925868915	RC340B 36S/940 SRD W60L60 VPC MLO U4	IP20
910925868916	RC340B 36S/940 SRD W60L60 VPC PCS U4	IP20/54
910925868917	RC340B 36S/940 SRD W60L60 VPC PCS U4	IP20/54

Order Code	Full Product Name	Ingress protection code
910925868918	RC340B 36S/940 SRD W60L60 VPC PCS U4 W3	IP20/54
910925868920	RC340B 42S/940 SRD W60L60 VPC PCS U4 W3	IP20/54
910925868919	RC340B 42S/940 SRD W30L120 VPC PCS U4 W3	IP20/54
910925866969	RC340B 36S/940 PSD W60L60 VPC MLO	IP20/40
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	IP20/54
910925867004	RC340B 42S/940 PSD W60L60 VPC PCS	IP20/54
910925867066	RC340B 36S/940 PSD W60L60 VPC PCS	IP20/54
910925866999	RC340B 42S/940 PSD W60L60 VPC MLO	IP20/40
910925867064	RC340B 36S/940 PSD W60L60 VPC MLO	IP20/40
910925866970	RC340B 36S/940 POE W60L60 VPC MLO	IP20/40
910925866978	RC340B 36S/940 PSD W60L60 PCV MLO	IP20/40
910925866981	RC342B 36S/940 PSD W62L62 VPC MLO	IP20/40

Approval and Application

Order Code	Full Product Name	Glow-wire test
910925867016	RC340B 36S/940 PSD W15L120 VPC MLO	Temperature 650 °C, duration 30 s
910925867018	RC340B 42S/940 PSD W15L120 VPC MLO	Temperature 650 °C, duration 30 s
910925866979	RC340B 36S/940 PSD W30L120 VPC MLO	Temperature 650 °C, duration 30 s
910925866983	RC342B 36S/940 PSD W31L125 VPC MLO	Temperature 650 °C, duration 30 s
910925868910	RC340B 36S/930 SRD W60L60 VPC MLO U4	Temperature 650 °C, duration 30 s
910925868911	RC340B 36S/930 SRD W60L60 VPC MLO U4	Temperature 650 °C, duration 30 s
910925868912	RC340B 36S/930 SRD W60L60 VPC PCS U4	Temperature 850 °C, duration 30 s
910925868913	RC340B 36S/930 SRD W60L60 VPC PCS U4	Temperature 850 °C, duration 30 s
910925868914	RC340B 36S/940 SRD W60L60 VPC MLO U4	Temperature 650 °C, duration 30 s
910925868915	RC340B 36S/940 SRD W60L60 VPC MLO U4	Temperature 650 °C, duration 30 s
910925868916	RC340B 36S/940 SRD W60L60 VPC PCS U4	Temperature 850 °C, duration 30 s
910925868917	RC340B 36S/940 SRD W60L60 VPC PCS U4	Temperature 850 °C, duration 30 s

Order Code	Full Product Name	Glow-wire test
910925868918	RC340B 36S/940 SRD W60L60 VPC PCS U4 W3	Temperature 850 °C, duration 30 s
910925868920	RC340B 42S/940 SRD W60L60 VPC PCS U4 W3	Temperature 850 °C, duration 30 s
910925868919	RC340B 42S/940 SRD W30L120 VPC PCS U4 W3	Temperature 850 °C, duration 30 s
910925866969	RC340B 36S/940 PSD W60L60 VPC MLO	Temperature 650 °C, duration 30 s
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	Temperature 850 °C, duration 30 s
910925867004	RC340B 42S/940 PSD W60L60 VPC PCS	Temperature 850 °C, duration 30 s
910925867066	RC340B 36S/940 PSD W60L60 VPC PCS	Temperature 850 °C, duration 30 s
910925866999	RC340B 42S/940 PSD W60L60 VPC MLO	Temperature 650 °C, duration 30 s
910925867064	RC340B 36S/940 PSD W60L60 VPC MLO	Temperature 650 °C, duration 30 s
910925866970	RC340B 36S/940 POE W60L60 VPC MLO	Temperature 650 °C, duration 30 s
910925866978	RC340B 36S/940 PSD W60L60 PCV MLO	Temperature 650 °C, duration 30 s
910925866981	RC342B 36S/940 PSD W62L62 VPC MLO	Temperature 650 °C, duration 30 s

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
910925867016	RC340B 36S/940 PSD W15L120 VPC MLO	0.01 %
910925867018	RC340B 42S/940 PSD W15L120 VPC MLO	0.01 %
910925866979	RC340B 36S/940 PSD W30L120 VPC MLO	0.01 %
910925866983	RC342B 36S/940 PSD W31L125 VPC MLO	0.01 %
910925868910	RC340B 36S/930 SRD W60L60 VPC MLO U4	-

Order Code	Full Product Name	Driver failure rate at 5000 h
910925868911	RC340B 36S/930 SRD W60L60 VPC MLO U4	-
910925868912	RC340B 36S/930 SRD W60L60 VPC PCS U4	-
910925868913	RC340B 36S/930 SRD W60L60 VPC PCS U4	-
910925868914	RC340B 36S/940 SRD W60L60 VPC MLO U4	-
910925868915	RC340B 36S/940 SRD W60L60 VPC MLO U4	-

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Order Code	Full Product Name	Driver failure rate at 5000 h
910925868916	RC340B 36S/940 SRD W60L60 VPC PCS U4	-
910925868917	RC340B 36S/940 SRD W60L60 VPC PCS U4	-
910925868918	RC340B 36S/940 SRD W60L60 VPC PCS U4 W3	-
910925868920	RC340B 42S/940 SRD W60L60 VPC PCS U4 W3	-
910925868919	RC340B 42S/940 SRD W30L120 VPC PCS U4 W3	-
910925866969	RC340B 36S/940 PSD W60L60 VPC MLO	0.01 %
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	0.01 %

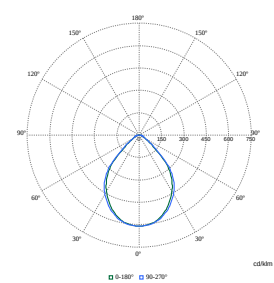
Order Code	Full Product Name	Driver failure rate at 5000 h
910925867004	RC340B 42S/940 PSD W60L60 VPC PCS	0.01 %
910925867066	RC340B 36S/940 PSD W60L60 VPC PCS	0.01 %
910925866999	RC340B 42S/940 PSD W60L60 VPC MLO	0.01 %
910925867064	RC340B 36S/940 PSD W60L60 VPC MLO	0.01 %
910925866970	RC340B 36S/940 POE W60L60 VPC MLO	0.01 %
910925866978	RC340B 36S/940 PSD W60L60 PCV MLO	0.01 %
910925866981	RC342B 36S/940 PSD W62L62 VPC MLO	0.01 %

Product Data

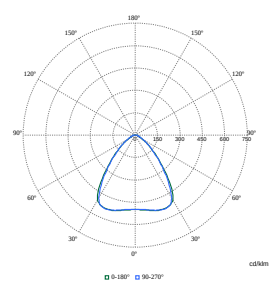
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910925867016	RC340B 36S/940 PSD W15L120 VPC MLO	RC340B
910925867018	RC340B 42S/940 PSD W15L120 VPC MLO	RC340B
910925866979	RC340B 36S/940 PSD W30L120 VPC MLO	RC340B
910925866983	RC342B 36S/940 PSD W31L125 VPC MLO	RC342B
910925868910	RC340B 36S/930 SRD W60L60 VPC MLO U4	RC340B
910925868911	RC340B 36S/930 SRD W60L60 VPC MLO U4	RC340B
910925868912	RC340B 36S/930 SRD W60L60 VPC PCS U4	RC340B
910925868913	RC340B 36S/930 SRD W60L60 VPC PCS U4	RC340B
910925868914	RC340B 36S/940 SRD W60L60 VPC MLO U4	RC340B
910925868915	RC340B 36S/940 SRD W60L60 VPC MLO U4	RC340B
910925868916	RC340B 36S/940 SRD W60L60 VPC PCS U4	RC340B
910925868917	RC340B 36S/940 SRD W60L60 VPC PCS U4	RC340B

Order Code	Full Product Name	Product family code
910925868918	RC340B 36S/940 SRD W60L60 VPC PCS U4 W3	RC340B
910925868920	RC340B 42S/940 SRD W60L60 VPC PCS U4 W3	RC340B
910925868919	RC340B 42S/940 SRD W30L120 VPC PCS U4 W3	RC340B
910925866969	RC340B 36S/940 PSD W60L60 VPC MLO	RC340B
910925866973	RC340B 36S/940 PSD W60L60 VPC PCS	RC340B
910925867004	RC340B 42S/940 PSD W60L60 VPC PCS	RC340B
910925867066	RC340B 36S/940 PSD W60L60 VPC PCS	RC340B
910925866999	RC340B 42S/940 PSD W60L60 VPC MLO	RC340B
910925867064	RC340B 36S/940 PSD W60L60 VPC MLO	RC340B
910925866970	RC340B 36S/940 POE W60L60 VPC MLO	RC340B
910925866978	RC340B 36S/940 PSD W60L60 PCV MLO	RC340B
910925866981	RC342B 36S/940 PSD W62L62 VPC MLO	RC342B

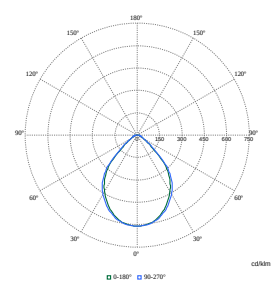
Polar Wide Diagrams



Polar Normal (separate) - RC340BI - 910925866978

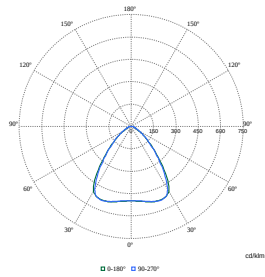


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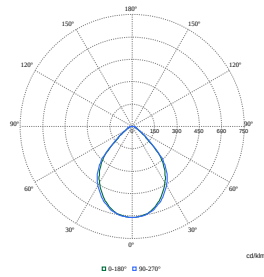


Polar Normal (separate) - RC340BI - 910925868915

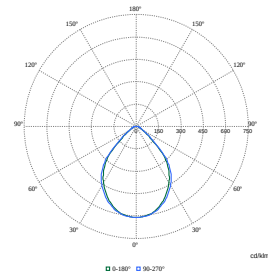
Polar Wide Diagrams



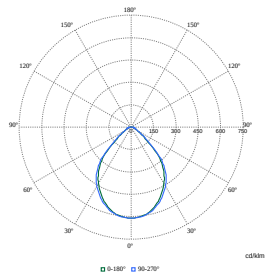
**Polar Normal (separate) - RC340BI -
910925868917**



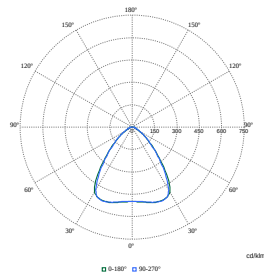
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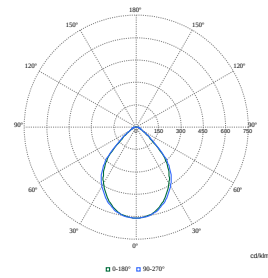
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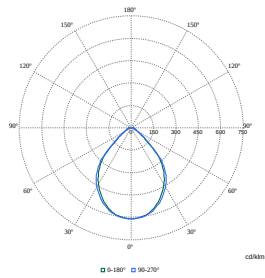
Polar Normal (separate) - RC340BI - 910925868911



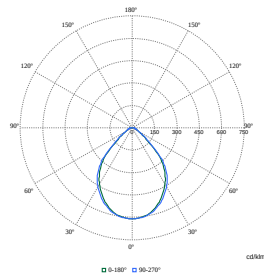
Polar Normal (separate) - RC340BI - 910925868920



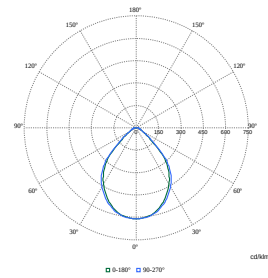
Polar Normal (separate) - RC340BI - 910925866969



Polar Normal (separate) - RC340BI - 910925866970

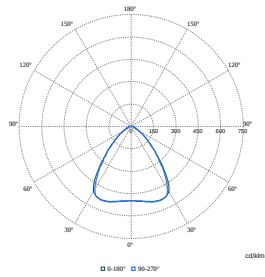


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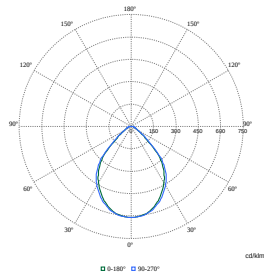


**Polar Normal (separate) - RC340BI -
910925866981**

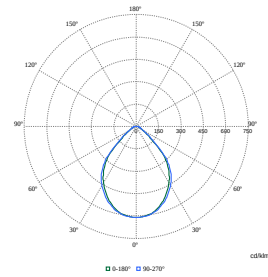
Polar Wide Diagrams



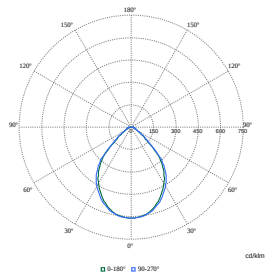
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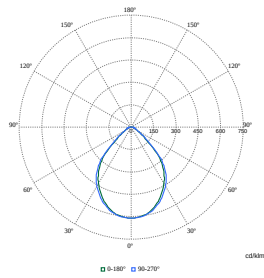
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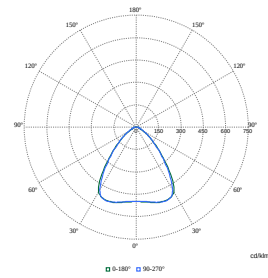
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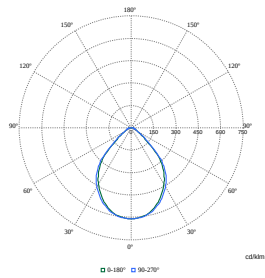
Polar Normal (separate) - RC340BI - 910925867018



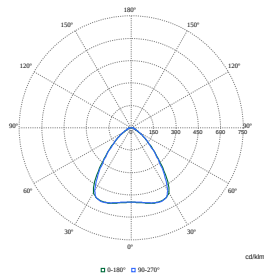
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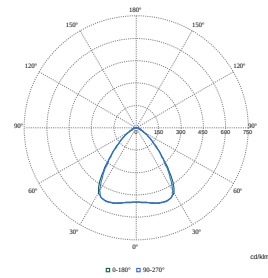
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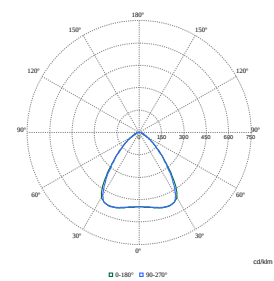


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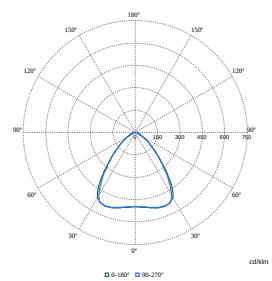


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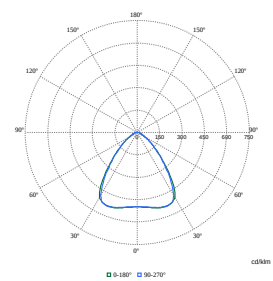
Polar Wide Diagrams



Polar Normal (separate) - RC340BI - 910925868916



Polar Normal (separate) - RC340BI - 910925868918



Polar Normal (separate) - RC340BI - 910925868919

