



Philips PowerBalance Gen2: sustainable performance

PowerBalance RC360B

When it comes to lighting office spaces with LED luminaires, businesses are willing to invest in sustainability, provided they get a payback on their investment. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. Philips PowerBalance Gen2 is our most energy-efficient, office-compliant LED luminaire. Designed for circularity and enhanced wellbeing, this office luminaire also promises future-proof connectivity. State-of-the-art efficacy (at CRI >90), upgradability features, a long lifetime, repairability, and design for recyclability make PowerBalance Gen2 a true 'green choice'. One that also delivers significantly lower operational costs to ensure an attractive payback that meets the needs of businesses and the specification market. The Gen2 architecture in the latest PowerBalance range has enabled us to create a range of highly-versatile modular and semi-modular luminaires. These LED luminaires can be easily mounted in ceilings with an exposed T-bar or concealed T-bar, as well as plaster ceilings and bandrastrer-type ceilings. PowerBalance is a solution with superior lighting specifications combined with a best-in-class connectivity designed for Circularity & enhanced Wellbeing using Interact Pro - all with a sustainable approach to high-performance office lighting.

Benefits

- Extremely-efficient LED luminaire with upto 174 lm/W
- Complies with office norms
- Comfortable, glare-free light
- Significantly reduces operational costs for an attractive payback time
- Sustainable and best-in-class connected offer

PowerBalance RC360B

Features

- Best-in-class efficacy up to 174lm/W supports green building design and energy saving subsidy criteria
- 3000K, 4000K, Tunable White options with CRI >90
- Long lifetime 50,000 hours @L90
- Prepared for circularity (no glue, replaceable electronics, upgradable system, efficient and long lifetime)
- Environmental Product Declaration (EPD) guide
- Connected system ready with Interact Pro scalable platform using integrated sensors and/or wireless drivers for data collection, occupancy, daylight regulation and wayfinding

Application

- Offices
- Education
- Healthcare

Warnings and Safety

- The product is IP20 and, as such, is not protected against water ingress. Therefore, we strongly recommend that the environment in which the luminaire is to be installed should be suitably checked
- If the advice above is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void

Versions



IPPR RC360Bi 0005

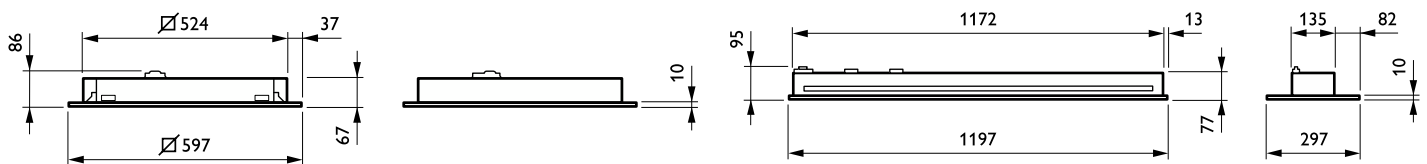


IPPR RC360Bi 0007



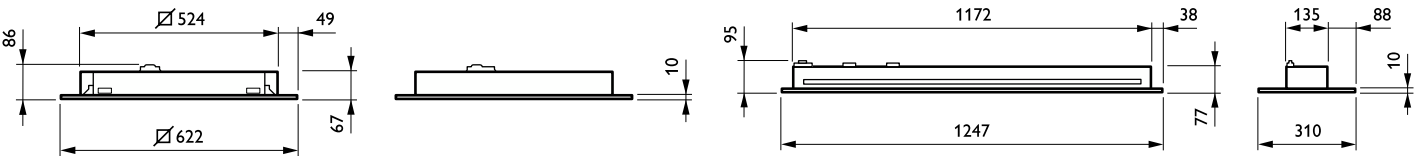
PowerBalance RC360B W60L60 CWL U4

Dimensional drawing



PowerBalance RC360B

Dimensional drawing



Product details

IPDP_RC360Bi_0001-Detail photo



IPDP_RC360Bi_0003-Detail photo



IPDP_RC360Bi_0005-Detail photo



IPDP_RC360Bi_0007-Detail photo



IPDP_RC360Bi_0019-Detail photo



PowerBalance LEAF DP



PowerBalance RC360B

Product details



PowerBalance SC200 DPP



PowerBalance SC200 DPP



PowerBalance SC200 DPP



PowerBalance SC200 DPP



PowerBalance_RC360_W31L125_I
A4-DPP

PowerBalance RC360B

General Information	
Driver included	Yes
Gear	-
Number of gear units	1 unit
Light Technical	
Beam angle of light source	120 degree(s)
Color rendering index (CRI)	≥90
Optic type	Wide beam office compliant
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Mechanical and Housing	
Explosion hazard class	-
Mech. impact protection code	IK03
Ingress protection code	IP20/40
Approval and Application	
Ambient temperature range	+10 to +35 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Lamp family code	Light source replaceable	Service tag
910505100247	RC360B 34S/930 PSD W60L60 VPC	LED34S	No	Yes
910505100255	RC360B 34S/940 PSU W60L60 VPC	LED34S	No	Yes
910505100267	RC360B 34S/940 PSD W60L60 VPC W3W2	LED34S	No	Yes
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	-	No	Yes
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	LED34S	No	Yes
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	LED34S	No	Yes
910505100242	RC360B 34S/940 PSD W30L120 VPC	LED34S	No	Yes
910505100248	RC362B 34S/940 PSD W62L62 VPC	LED34S	No	Yes
910505100253	RC362B 34S/940 PSU W62L62 VPC	LED34S	No	Yes
910505100239	RC362B 34S/940 PSU W31L125 VPC	LED34S	No	Yes
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	-	No	Yes
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	-	No	Yes
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	-	-	-
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	-	No	Yes
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	-	No	Yes
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	-	No	Yes
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	-	No	Yes

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
910505100247	RC360B 34S/930 PSD W60L60 VPC	3000 K	119 lm/W	3,400 lm	1
910505100255	RC360B 34S/940 PSU W60L60 VPC	4000 K	129 lm/W	3,400 lm	1
910505100267	RC360B 34S/940 PSD W60L60 VPC W3W2	4000 K	129 lm/W	3,400 lm	1
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	4000 K	129 lm/W	3,400 lm	-

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	4000 K	129 lm/W	3,400 lm	1
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	3000 K	119 lm/W	3,400 lm	1
910505100242	RC360B 34S/940 PSD W30L120 VPC	4000 K	129 lm/W	3,400 lm	1
910505100248	RC362B 34S/940 PSD W62L62 VPC	4000 K	129 lm/W	3,400 lm	1

PowerBalance RC360B

Order Code	Full Product Name	Correlated	Luminous	Luminous	Number
		Color	Efficacy		
		Temperature	(rated)	Flux	of light
		(Nom)	(Nom)		sources
910505100253	RC362B 34S/940 PSU W62L62 VPC	4000 K	129 lm/W	3,400 lm	1
910505100239	RC362B 34S/940 PSU W31L125 VPC	4000 K	129 lm/W	3,400 lm	1
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	3000 K	121 lm/W	3,400 lm	-
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	4000 K	127 lm/W	3,400 lm	-
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	4000 K	127 lm/W	3,300 lm	-

Operating and Electrical

Order Code	Full Product Name	Power	Suitable for
		Consumption	random switching
910505100247	RC360B 34S/930 PSD W60L60 VPC	27 W	No
910505100255	RC360B 34S/940 PSU W60L60 VPC	26 W	No
910505100267	RC360B 34S/940 PSD W60L60 VPC W3W2	26 W	No
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	26 W	No
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	26 W	No
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	27 W	No
910505100242	RC360B 34S/940 PSD W30L120 VPC	26 W	No
910505100248	RC362B 34S/940 PSD W62L62 VPC	26 W	No
910505100253	RC362B 34S/940 PSU W62L62 VPC	26 W	No
910505100239	RC362B 34S/940 PSU W31L125 VPC	26 W	No
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	27 W	Yes (relates to presence/ movement detection and daylight harvesting)
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	26 W	Yes (relates to presence/ movement

Controls and Dimming

Order Code	Full Product Name	Correlated	Luminous	Luminous	Number
		Color	Efficacy		
		Temperature	(rated)	Flux	of light
		(Nom)	(Nom)		sources
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	4000 K	127 lm/W	3,400 lm	-
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	3000 K	121 lm/W	3,400 lm	-
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	4000 K	127 lm/W	3,400 lm	-
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	4000 K	127 lm/W	3,400 lm	-

Order Code	Full Product Name	Power	Suitable for
		Consumption	random switching
			detection and daylight harvesting)
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	20 W	Yes (relates to presence/ movement detection and daylight harvesting)
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	26 W	Yes (relates to presence/ movement detection and daylight harvesting)
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	27 W	Yes (relates to presence/ movement detection and daylight harvesting)
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	26 W	Yes (relates to presence/ movement detection and daylight harvesting)
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	26 W	Yes (relates to presence/ movement detection and daylight harvesting)

PowerBalance RC360B

Order Code	Full Product Name	Embedded		Maximum dim level
		Dimmable	control	
910505100247	RC360B 34S/930 PSD W60L60 VPC	Yes	-	1%
910505100255	RC360B 34S/940 PSU W60L60 VPC	No	-	Not applicable
910505100267	RC360B 34S/940 PSD W60L60 VPC W3W2	Yes	-	1%
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	No	-	Not applicable
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	Yes	-	1%
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	Yes	-	1%
910505100242	RC360B 34S/940 PSD W30L120 VPC	Yes	-	1%
910505100248	RC362B 34S/940 PSD W62L62 VPC	Yes	-	1%
910505100253	RC362B 34S/940 PSU W62L62 VPC	No	-	Not applicable
910505100239	RC362B 34S/940 PSU W31L125 VPC	No	-	Not applicable

Mechanical and Housing

Order Code	Full Product Name	Optical cover type	Housing
			Color
910505100247	RC360B 34S/930 PSD W60L60 VPC	Polycarbonate bowl/cover	White
910505100255	RC360B 34S/940 PSU W60L60 VPC	Polycarbonate bowl/cover	White
910505100267	RC360B 34S/940 PSD W60L60 VPC W3W2	Polycarbonate bowl/cover	White
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	-	White RAL 9003
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	Polycarbonate bowl/cover	White
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	Polycarbonate bowl/cover	White
910505100242	RC360B 34S/940 PSD W30L120 VPC	Polycarbonate bowl/cover	White
910505100248	RC362B 34S/940 PSD W62L62 VPC	Polycarbonate bowl/cover	White
910505100253	RC362B 34S/940 PSU W62L62 VPC	Polycarbonate bowl/cover	White

Emergency Operation

Order Code	Full Product Name	Central Emergency	Emergency lighting
910505100247	RC360B 34S/930 PSD W60L60 VPC	No	-
910505100255	RC360B 34S/940 PSU W60L60 VPC	No	-

Order Code	Full Product Name	Dimmable	Embedded control	Maximum dim level
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	Yes	Interact SNS210 sensor	1%
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	Yes	Interact SNS210 sensor	1%
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	Yes	-	1%
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	Yes	Upgradable sensor slot with SNS210 sensor	1%
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	Yes	Upgradable sensor slot with SNS210 sensor	1%
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	Yes	Upgradable sensor slot with SNS210 sensor	1%
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	Yes	Upgradable sensor slot with SNS210 sensor	1%

Order Code	Full Product Name	Optical cover type	Housing
			Color
910505100239	RC362B 34S/940 PSU W31L125 VPC	Polycarbonate bowl/cover	White
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	-	White
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	-	White
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	-	White
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	-	White
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	-	White
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	-	White
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	-	White

PowerBalance RC360B

Order Code	Full Product Name	Central Emergency	Emergency lighting
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	No	-
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	No	-
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	No	-
910505100242	RC360B 34S/940 PSD W30L120 VPC	No	-
910505100248	RC362B 34S/940 PSD W62L62 VPC	No	-
910505100253	RC362B 34S/940 PSU W62L62 VPC	No	-
910505100239	RC362B 34S/940 PSU W31L125 VPC	No	-
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	No	-
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	No	-

Order Code	Full Product Name	Central Emergency	Emergency lighting
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	Yes	DC operated central emergency lighting
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	No	-
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	No	-
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	No	-
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	No	-

Approval and Application

Order Code	Full Product Name	Stroboscopic effect visibility measure (SVM)
910505100247	RC360B 34S/930 PSD W60L60 VPC	0.4
910505100255	RC360B 34S/940 PSU W60L60 VPC	0.4
910505100267	RC360B 34S/940 PSD W60L60 VPC W3W2	0.4
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	0.4
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	0.4
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	0.4
910505100242	RC360B 34S/940 PSD W30L120 VPC	0.4
910505100248	RC362B 34S/940 PSD W62L62 VPC	0.4
910505100253	RC362B 34S/940 PSU W62L62 VPC	0.4

Order Code	Full Product Name	Stroboscopic effect visibility measure (SVM)
910505100239	RC362B 34S/940 PSU W31L125 VPC	0.4
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	0.4
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	0.4
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	-
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	0.4
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	0.4
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	0.4
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	0.4

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505100247	RC360B 34S/930 PSD W60L60 VPC	(0.43, 0.40) SDCM ≤3
910505100255	RC360B 34S/940 PSU W60L60 VPC	(0.38, 0.38) SDCM ≤3
910505100267	RC360B 34S/940 PSD W60L60 VPC W3W2	(0.38, 0.38) SDCM ≤3
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	(0.38, 0.38) SDCM ≤3
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	(0.38, 0.38) SDCM ≤3
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	(0.43, 0.40) SDCM ≤3
910505100242	RC360B 34S/940 PSD W30L120 VPC	(0.38, 0.38) SDCM ≤3
910505100248	RC362B 34S/940 PSD W62L62 VPC	(0.38, 0.38) SDCM ≤3
910505100253	RC362B 34S/940 PSU W62L62 VPC	(0.38, 0.38) SDCM ≤3

Order Code	Full Product Name	Initial chromaticity
910505100239	RC362B 34S/940 PSU W31L125 VPC	(0.38, 0.38) SDCM ≤3
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	(0.43, 0.40) SDCM ≤3
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	(0.38, 0.38) SDCM ≤3
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	(0.38, 0.38) SDCM ≤3
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	(0.38, 0.38) SDCM ≤3
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	(0.43, 0.40) SDCM ≤3
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	(0.38, 0.38) SDCM ≤3
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	(0.38, 0.38) SDCM ≤3

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
910505100247	RC360B 34S/930 PSD W60L60 VPC	0.01 %
910505100255	RC360B 34S/940 PSU W60L60 VPC	0.01 %
910505100267	RC360B 34S/940 PSD W60L60 VPC W3W2	0.01 %

Order Code	Full Product Name	Driver failure rate at 5000 h
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	-
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	0.01 %
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	0.01 %

PowerBalance RC360B

Order Code	Full Product Name	Driver failure rate at 5000 h
910505100242	RC360B 34S/940 PSD W30L120 VPC	0.01 %
910505100248	RC362B 34S/940 PSD W62L62 VPC	0.01 %
910505100253	RC362B 34S/940 PSU W62L62 VPC	0.01 %
910505100239	RC362B 34S/940 PSU W31L125 VPC	0.01 %
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	-
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	-

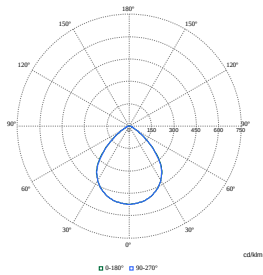
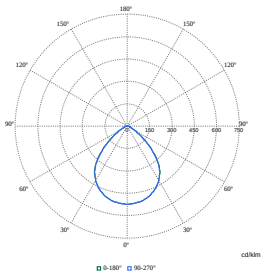
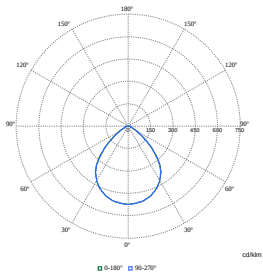
Order Code	Full Product Name	Driver failure rate at 5000 h
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	-
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	-
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	-
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	-
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	-

Product Data

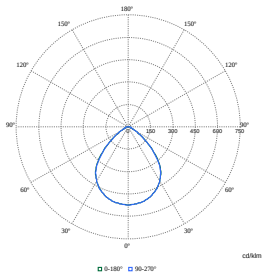
Order Code	Full Product Name	Product family code
910505100247	RC360B 34S/930 PSD W60L60 VPC	RC360B
910505100255	RC360B 34S/940 PSU W60L60 VPC	RC360B
910505100267	RC360B 34S/940 PSD W60L60 VPC W3W2	RC360B
910505101016	RC360B 34S/940 PSU W60L60 VPC SC	RC360B
910505100231	RC360B 34S/940 PSD W30L120 VPC W3W2	RC360B
910505100240	RC360B 34S/930 PSD W30L120 VPC W3W2	RC360B
910505100242	RC360B 34S/940 PSD W30L120 VPC	RC360B
910505100248	RC362B 34S/940 PSD W62L62 VPC	RC362B
910505100253	RC362B 34S/940 PSU W62L62 VPC	RC362B

Order Code	Full Product Name	Product family code
910505100239	RC362B 34S/940 PSU W31L125 VPC	RC362B
910505101726	RC360B 34S/930 SRD W30L120 VPC IA4 W3	RC360B
910505101732	RC360B 34S/940 SRD W30L120VPCIA4 SC	RC360B
910505105869	RC360B 34S/940 SRD W60L60 VPC CWL U4 W3	RC360B
910505101709	RC360B 34S/940 SRD W60L60 VPC U4 W3	RC360B
910505101723	RC360B 34S/930 SRD W60L60 VPC U4 SC	RC360B
910505101724	RC360B 34S/940 SRD W60L60 VPC U4 SC	RC360B
910505101725	RC360B 34S/940 SRD W60L60 VPC U4 W3 SC	RC360B

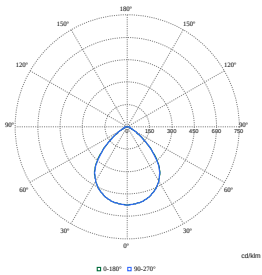
Polar Wide Diagrams



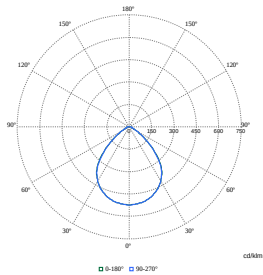
Polar Normal (separate) - RC460BP - 910505100240



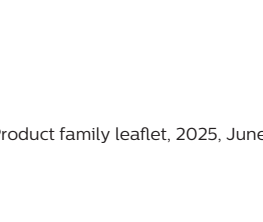
Polar Normal (separate) - RC460BN - 910505100247



Polar Normal (separate) - RC460BP - 910505100239



Polar Normal (separate) - RC460BN - 910505100255



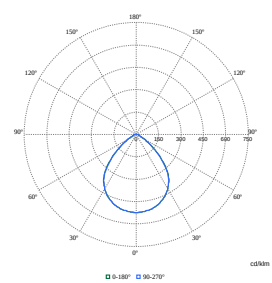
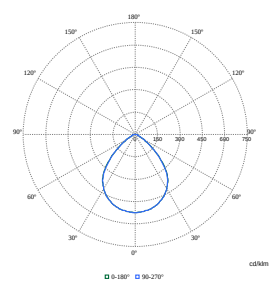
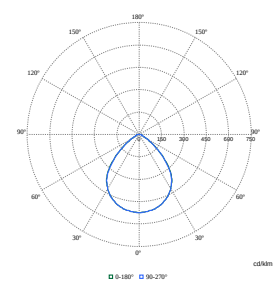
Polar Normal (separate) - RC460BP - 910505101732



Polar Normal (separate) - RC460BN - 910505101709



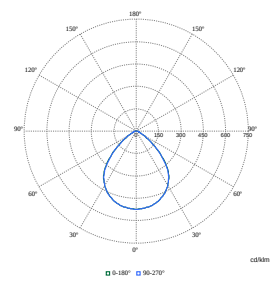
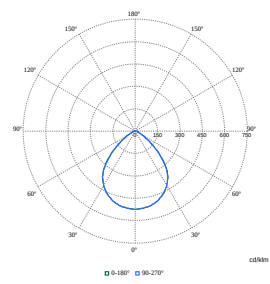
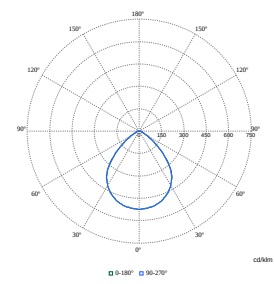
Polar Wide Diagrams



Polar Normal (separate) - RC460BP - 910505101726

Polar Normal (separate) - RC460BN - 910505101723

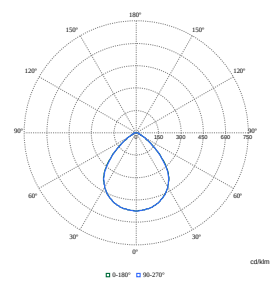
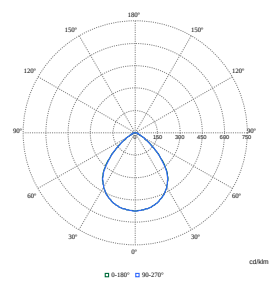
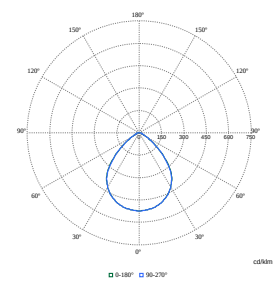
Polar Normal (separate) - RC460BN - 910505101725



Polar Normal (separate) - RC460BP - 910505100242

Polar Normal (separate) - RC460BN - 910505101016

Polar Normal (separate) - RC460BN - 910505101724

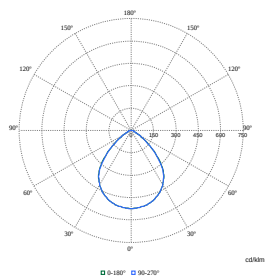


Polar Normal (separate) - RC460BN - 910505100267

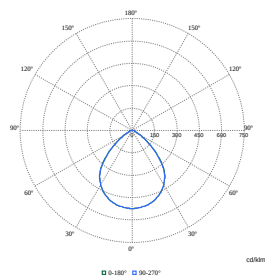
Polar Normal (separate) - RC460BP - 910505100231

Polar Normal (separate) - RC460BN - 910505100248

Polar Wide Diagrams



Polar Normal (separate) - RC460BN - 910505100253



Polar Normal (separate) - null - 910505105869

