# **PHILIPS** Lighting



# PowerBalance gen2 – sustainable performance

# PowerBalance gen2

When it comes to lighting an office space with LED luminaires, people are usually willing to invest in sustainability provided the investment pays back. At the same time, the system should comply with office lighting norms to ensure a comfortable working environment. PowerBalance gen2 is Philips' most energy-efficient office-norm-compliant LED luminaire. It more than halves energy costs compared to a T5 solution, and the light source has a longer lifetime. This results in significantly lower operational costs, ensuring a payback that meets the needs of the specification market. The gen2 architecture enables a range of highly versatile modular and semi-modular luminaires. These luminaires can be easily mounted in ceilings with exposed T-bar and concealed T-bar, as well as plaster ceilingstypes.

# Benefits

- Extremely efficient office-norm-compliant LED luminaire
- Good-quality lighting solution for direct replacement of T5 luminaires in most indoor applications
- · Significantly reduces operational costs, resulting in an attractive payback time

#### Features

- $\cdot$  Variety of mounting options
- $\cdot$  Advanced LED technology
- $\cdot$  Available in different shapes and sizes
- $\cdot$  Office-norm-compliant
- $\cdot$  Integrated 3 hour emergency options available
- Integrated sensor for (connected) lighting systems enabling additional energy saving and data collection

# Application

- Offices
- Other indoor applications

# Warnings and Safety

- The product is IP20 and as such is not protected against water ingress, so 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 use and the product warranty will become void

# Versions



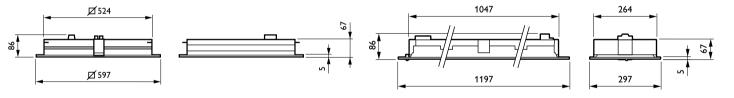


IPPR\_RC460Bi\_0065-Product photo

PowerBalance Square- 16cup

IPPR RC460Bi 0047

# Dimensional drawing



#### **Product details**



IPDP\_RC460Bi\_0153-Detail photo



#### Upradable sensor

# **Product details**



IPDP\_RC460Bi\_0043-Detail photo



IPDP\_RC460Bi\_0049-Detail photo



IPDP\_RC460Bi\_0055-Detail photo



PowerBalance SC200 DPP



PowerBalance SC200 DPP

Compliant Compliant Compliant Compliant Compliant Controls and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Controls and Dimming Controls and Dimming Dimmable Yes Maximum dim level % Mechanical and Housing Explosion hazard class - Housing Colour White Mech. impact protection code IR03 Ingress protection code IP20/40 Emergency Operation Central Emergency No Emergency lighting - Central Emergency Ko Emergency lighting Central Emergency Central Emergency Fience Central Emergency Central Emergency Fience Central Emergency Central Emergency Fience Central Emergency Fience Fience Central Centr		
International of the second	General Information	
Light source replaceableNoNumber of gear unitsUnitService TagYesLight TechnicalInternet of tight source120 degree(s)Doptic typeWide beam office compliantOperating and ElectricalProtection class IECProtection class IECSafety class IInput Voltage220 to 240 VLine Frequency50 to 60 HzDinmableYesMaximum dim level1%Mechanical and HousingIngress protection codeExplosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIK03Ingress protection codeIK03Ingress protection codeIN0Emergency OperationIngress of ColourCentral EmergencyNoEmergency lighting-Approval and ApplicationnormallyAmbient temperature range+10 to +35 °CCE markYesENEC markFor mounting on normallyItalmability markFor mounting on normallyInitial Performance (IEC Compliant)1Initial Chromaticity(0.38, 0.38) SDCN S3Luminous flux tolerance+/-10%Product Data-	Driver included	Yes
Number of gear unitsUnitService TagYesLight TechnicalI20 degree(s)Beam angle of light sourceI20 degree(s)Optic typeWide beam office compliantOperating and ElectricalForeection class IECProtection class IECSafety class IInput Voltage220 to 240 VLine Frequency50 to 60 HzDinmableYesMaximum dim level1%Mechanical and HousingIExplosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIK03Ingress protection codeIV0 to +35 °CCentral EmergencyNoEmergency Iighting-Approval and Applicationnormally flammable surfacesAmbient temperature range+10 to +35 °CCE markYesFlammability markFor mounting on normally flammable surfacesGlow-wire testTemperature 650 °C, duration 30 sFlickering value (PstLM)1Initial Performance (IEC Compliant)Initial chromaticity(0.38, 0.38) SDCN S3Luminous flux tolerance+/-10%	Gear	-
Service TagYesLight TechnicalI20 degree(s)Doptic typeWide beam office compliantOperating and ElectricalcompliantProtection class IECSafety class IInput Voltage220 to 240 VLine Frequency50 to 60 HzOinmableYesMaximum dim level1%Mechanical and HousingIExplosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIK03Ingress protection codeI×0Emergency OperationICentral EmergencyNoEmergency lighting-Ambient temperature range+10 to +35 °CCE markYesENEC markENEC markFlammability markFor mounting on normally flammable surfacesGlow-wire testTemperature 650 °C, duration 30 sFlickering value (PstLM)1Initial Performance (IEC Compliant)Initial Performance (IEC Compliant)Product DataProduct Data	Light source replaceable	No
Light Technical       120 degree(s)         Doptic type       Wide beam office compliant         Operating and Electrical       Frotection class IEC         Protection class IEC       Safety class I         Input Voltage       220 to 240 V         Line Frequency       50 to 60 Hz         Oinmable       Yes         Maximum dim level       1%         Mechanical and Housing       1         Explosion hazard class       -         Housing Colour       White         Mech. impact protection code       IK03         Ingress protection code       IK03         Ingress protection code       IV0 + 35 °C         Central Emergency       No         Emergency lighting       -         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 6500 °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDCM S         S3       S3	Number of gear units	Unit
Beam angle of light source120 degree(s)Optic typeWide beam office compliantOperating and ElectricalSafety class IProtection class IECSafety class IInput Voltage220 to 240 VLine Frequency50 to 60 HzControls and DimmingTDimmableYesMaximum dim level1%Mechanical and HousingIterationExplosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIR03Ingress protection codeIP20/40Emergency OperationCCentral EmergencyNoEmergency lighting-Approval and ApplicationNoAmbient temperature range+10 to +35 °CCE markYesENEC markENEC markFlammability markFor mounting on normally flammable surfacesGlow-wire testTemperature 650 °C, duration 30 sFlickering value (PstLM)1Initial Performance (IEC Compliant)Initial chromaticity(0.38, 0.38) SDCM s3Luminous flux tolerance+/-10%	Service Tag	Yes
Beam angle of light source120 degree(s)Optic typeWide beam office compliantOperating and ElectricalSafety class IProtection class IECSafety class IInput Voltage220 to 240 VLine Frequency50 to 60 HzControls and DimmingTDimmableYesMaximum dim level1%Mechanical and HousingIterationExplosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIR03Ingress protection codeIP20/40Emergency OperationCCentral EmergencyNoEmergency lighting-Approval and ApplicationNoAmbient temperature range+10 to +35 °CCE markYesENEC markENEC markFlammability markFor mounting on normally flammable surfacesGlow-wire testTemperature 650 °C, duration 30 sFlickering value (PstLM)1Initial Performance (IEC Compliant)Initial chromaticity(0.38, 0.38) SDCM s3Luminous flux tolerance+/-10%		
Optic typeWide beam office compliantOperating and ElectricalFrotection class IECProtection class IECSafety class IInput Voltage220 to 240 VLine Frequency50 to 60 HzControls and DimmingTDimmableYesMaximum dim level1%Mechanical and Housing-Explosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIP20/40Emergency Operation-Central EmergencyNoEmergency lighting-Approval and Application-Ambient temperature range+10 to +35 °CCE markFor mounting on normally flammable surfacesFlackering value (PstLM)1Stroboscopic effect0.4Initial Performance (IEC Compliant)Initial Performance (IEC Compliant)Initial chromaticity(0.38, 0.38) SDCM s3Product Data	Light Technical	
Compliant         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         Protection name       Yes         Maximum dim level       1%         Mechanical and Housing       Explosion hazard class         Explosion hazard class       -         Housing Colour       White         Mech. impact protection code       IK03         Ingress protection code       IR03         Ingress protection code       IP20/40         Emergency Operation       C         Central Emergency       No         Emergency lighting       -         Approval and Application       No         Ambient temperature range       +10 to +35 °C         CE mark       Yes         ENEC mark       For mounting on normally flammable surfaces         Glow-wire test       Temperature 650 °C, duration 30 s         Titical Performance (IEC Compliant)       1         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDC Main         S3       S3         Luminous flux to	Beam angle of light source	120 degree(s)
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         Dimmable       Yes         Maximum dim level       1%         Mechanical and Housing       -         Explosion hazard class       -         Housing Colour       White         Mech. impact protection code       IK03         Ingress protection code       IP20/40         Emergency Operation       -         Central Emergency       No         Emergency lighting       -         Ambient temperature range       +10 to +35 °C         CE mark       Yes         ENEC mark       For mounting on normally flammable surfaces         Glow-wire test       Temperature 650 °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial chromaticity       (0.38, 0.38) SDC N         s3       -         Luminous flux tolerance       +/-10%	Optic type	Wide beam office-
Protection class IECSafety class IInput Voltage220 to 240 VLine Frequency50 to 60 HzControls and DimmingTDimmableYesMaximum dim level1%Mechanical and Housing-Explosion hazard class-Housing ColourWhiteMech. impact protection codeIR03Ingress protection codeIP20/40Emergency Operation-Central EmergencyNoEmergency lighting-Approval and Application-Ambient temperature range+10 to +35 °CCE markYesENEC markFor mounting on normally flammable surfacesGlow-wire testTemperature 650Stroboscopic effect0.4Initial Performance (IEC Compliant)1Initial chromaticity(0.38, 0.38) SDCMProduct Data-		compliant
Protection class IECSafety class IInput Voltage220 to 240 VLine Frequency50 to 60 HzControls and DimmingTDimmableYesMaximum dim level1%Mechanical and Housing-Explosion hazard class-Housing ColourWhiteMech. impact protection codeIR03Ingress protection codeIP20/40Emergency Operation-Central EmergencyNoEmergency lighting-Approval and Application-Ambient temperature range+10 to +35 °CCE markYesENEC markFor mounting on normally flammable surfacesGlow-wire testTemperature 650Stroboscopic effect0.4Initial Performance (IEC Compliant)1Initial chromaticity(0.38, 0.38) SDCMProduct Data-		
Input Voltage220 to 240 VLine Frequency50 to 60 HzControls and Dimming9DimmableYesMaximum dim level1%Mechanical and Housing-Explosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIP20/40Emergency Operation-Central EmergencyNoEmergency lighting-Ambient temperature range+10 to +35 °CCE markYesENEC markFor mounting on normally flammable surfacesGlow-wire testTemperature 650 °C, duration 30 sFlickering value (PstLM)1Initial Performance (IEC Compliant)13Initial chromaticity(0.38, 0.38) SDCM s3Product Data-	Operating and Electrical	
Line Frequency50 to 60 HzControls and DimmingYesDimmableYesMaximum dim level1%Mechanical and HousingFactor of the second	Protection class IEC	Safety class I
Controls and Dimming       Yes         Dimmable       Yes         Maximum dim level       1%         Mechanical and Housing       Explosion hazard class         Explosion hazard class       -         Housing Colour       White         Mech. impact protection code       IK03         Ingress protection code       IP20/40         Emergency Operation       Central Emergency         Central Emergency       No         Emergency lighting       -         Approval and Application       Ambient temperature range         Ambient temperature range       +10 to +35 °C         CE mark       Yes         ENEC mark       For mounting on normally         flammability mark       For mounting on normally         flammability mark       Temperature 650         °C, duration 30 s       Stroboscopic effect         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDCM         ≤3       Stroboscopic effect         Product Data       +/-10%	Input Voltage	220 to 240 V
DimmableYesMaximum dim level1%Mechanical and Housing-Explosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIP20/40Emergency Operation-Central EmergencyNoEmergency lighting-Approval and Application-Ambient temperature range+10 to +35 °CCE markYesENEC markENEC markFlammability markFor mounting on normally flammable surfacesGlow-wire testTemperature 650 °C, duration 30 sFlickering value (PstLM)1Stroboscopic effect0.4Initial Performance (IEC Compliant)Initial chromaticity(0.38, 0.38) SDCM ≤3Luminous flux tolerance+/-10%	Line Frequency	50 to 60 Hz
DimmableYesMaximum dim level1%Mechanical and Housing-Explosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIP20/40Emergency Operation-Central EmergencyNoEmergency lighting-Approval and Application-Ambient temperature range+10 to +35 °CCE markYesENEC markENEC markFlammability markFor mounting on normally flammable surfacesGlow-wire testTemperature 650 °C, duration 30 sFlickering value (PstLM)1Stroboscopic effect0.4Initial Performance (IEC Compliant)Initial chromaticity(0.38, 0.38) SDCM ≤3Luminous flux tolerance+/-10%		
Maximum dim level1%Mechanical and HousingExplosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIP20/40Emergency Operation-Central EmergencyNoEmergency lighting-Approval and Application-Ambient temperature range+10 to +35 °CCE markENEC markFlammability markFor mounting on normally flammable surfacesGlow-wire testTemperature 650 °C, duration 30 sFlickering value (PstLM)1Initial Performance (IEC Compliant)1Initial chromaticity(0.38, 0.38) SDCM ≤3Luminous flux tolerance+/-10%		
Mechanical and Housing         Explosion hazard class         Housing Colour       White         Mech. impact protection code       IK03         Ingress protection code       IP20/40         Emergency Operation       Image: Central Emergency         Central Emergency       No         Emergency lighting       -         Approval and Application       Image: Central Emergency         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)       1         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDCM °C, duration 30 s         S3       Luminous flux tolerance       +/-10%		
Explosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIP20/40Emergency Operation-Central EmergencyNoEmergency lighting-Approval and Application-Ambient temperature range+10 to +35 °CCE markYesENEC markFor mounting on normally flammability markFor mounting on surfaces-Glow-wire testTemperature 650 °C, duration 30 strated as the surfacesFlickering value (PstLM)1Initial Performance (IEC Compliant)1Initial chromaticity(0.38, 0.38) SDCM ≤3Luminous flux tolerance+/-10%	Maximum dim level	1%
Explosion hazard class-Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIP20/40Emergency Operation-Central EmergencyNoEmergency lighting-Approval and Application-Ambient temperature range+10 to +35 °CCE markYesENEC markFor mounting on normally flammability markFor mounting on surfaces-Glow-wire testTemperature 650 °C, duration 30 strated as the surfacesFlickering value (PstLM)1Initial Performance (IEC Compliant)1Initial chromaticity(0.38, 0.38) SDCM ≤3Luminous flux tolerance+/-10%		
Housing ColourWhiteMech. impact protection codeIK03Ingress protection codeIP20/40Ingress protection codeIP20/40Emergency OperationImage: State	Ŭ	
Mech. impact protection codeIK03Ingress protection codeIP20/40Impress protection codeIP20/40Emergency OperationImpress protection codeCentral EmergencyNoEmergency lighting-Approval and ApplicationImpress protection codeAmbient temperature range+10 to +35 °CCE markYesENEC markENEC markFlammability markFor mounting on normally flammable surfacesGlow-wire testTemperature 650 °C, duration 30 sFlickering value (PstLM)1Stroboscopic effect0.4Initial Performance (IEC Compliant)Initial chromaticity(0.38, 0.38) SDCM ≤3Luminous flux tolerance+/-10%		-
Ingress protection code       IP20/40         Emergency Operation       Improve Imp	-	
Emergency Operation         Central Emergency       No         Emergency lighting       -         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 6500 °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDCM s         ≤3       Euminous flux tolerance         Product Data       -		
Central Emergency       No         Emergency lighting       -         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)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)         Initial chromaticity       (0.38, 0.38) SDCM ≤3         Luminous flux tolerance       +/-10%	ingress protection code	IP20/40
Central Emergency       No         Emergency lighting       -         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)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)         Initial chromaticity       (0.38, 0.38) SDCM ≤3         Luminous flux tolerance       +/-10%	Emergency Operation	
Emergency lighting       -         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)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)         Initial chromaticity       (0.38, 0.38) SDCM ≤3         Luminous flux tolerance       +/-10%		No
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)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDCM ≤3         Luminous flux tolerance       +/-10%		-
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)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)       s3         Luminous flux tolerance       +/-10%		
CE mark       Yes         ENEC mark       ENEC mark         Flammability mark       For mounting on normally flammable surfaces         Glow-wire test       Temperature 6500 °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)       s3         Luminous flux tolerance       +/-10%	Approval and Application	
ENEC mark       ENEC mark         Flammability mark       For mounting on normally flammable surfaces         Glow-wire test       Temperature 650 °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)         Initial chromaticity       (0.38, 0.38) SDCM ≤3         Luminous flux tolerance       +/-10%	Ambient temperature range	+10 to +35 °C
Flammability mark       For mounting on normally flammable surfaces         Glow-wire test       Temperature 650 °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDCM ≤3         Luminous flux tolerance       +/-10%	CE mark	Yes
normally         flammable         surfaces         Glow-wire test       Temperature 650         °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)         Initial chromaticity       (0.38, 0.38) SDCM         ≤3         Luminous flux tolerance       +/-10%	ENEC mark	ENEC mark
flammable         surfaces         Glow-wire test       Temperature 6500         °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)         Initial chromaticity       (0.38, 0.38) SDCM         ≤3         Luminous flux tolerance       +/-10%	Flammability mark	For mounting on
surfaces         Glow-wire test       Temperature 650         °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)         Initial chromaticity       (0.38, 0.38) SDCM         ≤3         Luminous flux tolerance       +/-10%         Product Data       1		normally
Glow-wire test       Temperature 650         °C, duration 30 s       °C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDCM         ≤3       53         Luminous flux tolerance       +/-10%		flammable
°C, duration 30 s         Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDCM         ≤3       1         Luminous flux tolerance       +/-10%         Product Data       1		surfaces
Flickering value (PstLM)       1         Stroboscopic effect       0.4         Initial Performance (IEC Compliant)       1         Initial chromaticity       (0.38, 0.38) SDCM         ≤3       ≤3         Luminous flux tolerance       +/-10%         Product Data       5	Glow-wire test	Temperature 650
Stroboscopic effect       0.4         Initial Performance (IEC Compliant)         Initial chromaticity       (0.38, 0.38) SDCN         ≤3         Luminous flux tolerance       +/-10%         Product Data		°C, duration 30 s
Initial Performance (IEC Compliant)         Initial chromaticity       (0.38, 0.38) SDCN         ≤3         Luminous flux tolerance       +/-10%         Product Data	Flickering value (PstLM)	1
Initial chromaticity (0.38, 0.38) SDCM ≤3 Luminous flux tolerance +/-10% Product Data	Stroboscopic effect	0.4
Initial chromaticity (0.38, 0.38) SDCM ≤3 Luminous flux tolerance +/-10% Product Data		
≤3 Luminous flux tolerance +/-10% Product Data	Initial Performance (IEC Compliant	
Luminous flux tolerance +/-10% Product Data	Initial chromaticity	(0.38, 0.38) SDCM
Product Data		
	Luminous flux tolerance	+/-10%
Product family code RC461B		
	Product family code	RC461B

# **General Information**

Order Code	Full Product Name	Lamp family code
98038200	RC461B 34S/940 SRD W60L60 VPC U4	-
10930800	RC461B 34S/840 SRD W60L60 VPC U4 UE	-
96451100	RC461B 34S/940 PSD W60L60 VPC	LED34S
97998000	RC461B 80S/TW9 DIA W60L60 VPC	-
97986700	RC461B 80S/TW9 DIA W30L120 VPC	-

# Light Technical (1/2)

		Correlated Colour	Colour	Luminous efficacy	
	Full Product	Temperature	rendering	(rated)	Luminous
Order Code	Name	(Nom)	index (CRI)	(nom.)	Flux
98038200	RC461B	4000 K	≥90	139 lm/W	3,400 lm
	34S/940 SRD				
	W60L60 VPC				
	U4				
10930800	RC461B	4000 K	≥80	172 lm/W	3,400 lm
	34S/840 SRD				
	W60L60 VPC				
	U4 UE				
96451100	RC461B	4000 K	≥90	142 lm/W	3,400 lm
	34S/940 PSD				
	W60L60 VPC				

		Correlated		Luminous	
		Colour	Colour	efficacy	
	Full Product	Temperature	rendering	(rated)	Luminous
Order Code	Name	(Nom)	index (CRI)	(nom.)	Flux
97998000	RC461B	Tunable white	≥90	122 lm/W	8,000 lm
	80S/TW9 DIA	2700-6500 K			
	W60L60 VPC				
97986700	RC461B	Tunable white	≥90	122 lm/W	8,000 lm
	80S/TW9 DIA	2700-6500 K			
	W30L120 VPC				

# Light Technical (2/2)

Order Code	Full Product Name	Number of light sources
98038200	RC461B 34S/940 SRD W60L60 VPC U4	-
10930800	RC461B 34S/840 SRD W60L60 VPC U4 UE	-
96451100	RC461B 34S/940 PSD W60L60 VPC	1

Order Code	Full Product Name	Number of light sources
97998000	RC461B 80S/TW9 DIA W60L60 VPC	-
97986700	RC461B 80S/TW9 DIA W30L120 VPC	-

# **Operating and Electrical**

		Power	Suitable for random
Order Code	Full Product Name	Consumption	switching
98038200	RC461B 34S/940 SRD	25 W	Yes (relates to
	W60L60 VPC U4		presence/movement
			detection and daylight
			harvesting)
10930800	RC461B 34S/840 SRD	20 W	Yes (relates to
	W60L60 VPC U4 UE		presence/movement

		Power	Suitable for random
Order Code	Full Product Name	Consumption	switching
			detection and daylight
			harvesting)
96451100	RC461B 34S/940 PSD	24 W	No
	W60L60 VPC		
97998000	RC461B 80S/TW9 DIA	64 W	No
	W60L60 VPC		
97986700	RC461B 80S/TW9 DIA	64 W	No
	W30L120 VPC		

# **Controls and Dimming**

Order Code	Full Product Name	Embedded control
98038200	RC461B 34S/940 SRD W60L60 VPC U4	Upgradable sensor slot with
		SNS210 sensor
10930800	RC461B 34S/840 SRD W60L60 VPC U4 UE	Upgradable sensor slot with
		SNS210 sensor

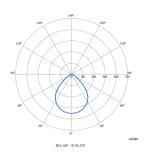
Order Code	Full Product Name	Embedded control
96451100	RC461B 34S/940 PSD W60L60 VPC	-
97998000	RC461B 80S/TW9 DIA W60L60 VPC	-
97986700	RC461B 80S/TW9 DIA W30L120 VPC	-

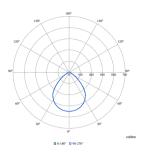
# Mechanical and Housing

Order Code	Full Product Name	Optical cover type
98038200	RC461B 34S/940 SRD W60L60 VPC U4	-
10930800	RC461B 34S/840 SRD W60L60 VPC U4 UE	-
96451100	RC461B 34S/940 PSD W60L60 VPC	Polycarbonate bowl/cover

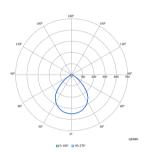
Order Code	Full Product Name	Optical cover type
97998000	RC461B 80S/TW9 DIA W60L60 VPC	-
97986700	RC461B 80S/TW9 DIA W30L120 VPC	-

# Polar Wide Diagrams

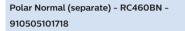


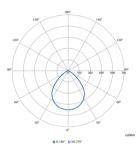


## Polar Normal (separate) - RC460BN -910505100245



Polar Normal (separate) - RC460BN -910505101678





Polar Normal (separate) - RC460BN -910505103626



#### Polar Normal (separate) - RC460BP -910505101666



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2023, December 7 - data subject to change