



FlexBlend Recessed

RC340B LED42S/940 PSU W60L60 CPC PCS PIP

FlexBlend Recessed, 30 W, 600x600 mm, CPC, 4200 lm, 4000 K, CRI≥90, UGR19

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

Product data

General Information		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Service tag	Yes	
Product family code	RC340B [FLEXBLEND RECESSED,	
	module 600]	
Lighting Technology	LED	
Value ladder	Performance	
CE mark	Yes	

Warranty period	5 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	ENEC mark	
Glow-wire test	Temperature 850 °C, duration 30 s	
EU RoHS compliant	Yes	
Light Technical		
Luminous Flux	4,200 lm	
Saturated Red (R9)	>50	

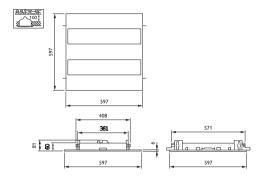
Datasheet, 2023, August 31 data subject to change

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Approval and Application 140 In/I/W 200				
Filedering value (Pett M) - Rickering value as 1 Rickering v	Correlated Color Temperature (Nom)	4000 K	Compatible ceiling or ceiling installation	Concealed profile ceiling version
Approval and Application PE4 [Most Application PE4 [Dath accumulation-precise decided PE4 [Dath accumulation PE4 [Dath accumulation-precise decided PE4 [Dath accumulation PE4 [Dath accum			accessory type	
Impress protection code	Color rendering index (CRI)	≥90		
Stroboscopic effect visibility measure (SVM)	- , , -	1		
	per EN 61000-3-3		Ingress protection code	
Light source color 940 neutral white Sustainability rating	Stroboscopic effect visibility measure (SVM)	0.4		splash-proof]
Optic type Wilde beam Protection class IEC Safety class I Luminate glart arting CEN 19 Photobiological risk Photobiological risk Photobiological risk Photobiological risk group 0 @200mm Unmined glare rating CEN 19 Imitial Performance (IEC Compliant) Imitial Chromaticity (0.38.0.37) 5DCM →3 United CLD power consumption ~W Power consumption tolerance √-10% Intuital Crower consumption ~W Power consumption tolerance √-10% Intuital Crower consumption ~W Power consumption tolerance √-10% Intuit Crower consumption ~W Power consumption tolerance √-10% Intuit ClD power consumption ~W Power consumption tolerance √-10% Intuit ClD power consumption ~W Power consumption tolerance √-10% Intuit ClD power consumption ~W ************************************	Beam angle of light source	120 degree(s)	Mech. impact protection code	IK02 [0.2 J standard]
Luminaire light beam spread 8" x 85" plotobiological risk proup 0 @200mm to EM62778 Initial Performance (IEC Compliant) Luminous flux tolerance -/-10%	Light source color	940 neutral white	Sustainability rating	
Initial per	Optic type	Wide beam	Protection class IEC	Safety class I
Operating and Electrical Initial Performance (IEC Compliant) Input Voltage 220 to 240 V Luminous flux tolerance -/-10% Line Frequency 50 to 60 Hz Initial Chromaticity (0.38, 0.37) SDCM +3 Initial CLD power consumption - W Power consumption tolerance -/-10% Average CLD power consumption - W Over Time Performance (IEC Compliant) Invush time 0 282 ms Over Time Performance (IEC Compliant) Invush time 0 98 Control gear failure rate at 9000 h 0.01 % Power Factor (Fraction) 0.9 S0000 h Lumen maintenance at median useful tife* 1.85 Cable - 50000 h Lumen maintenance at median useful tife* L85 Number of products on MCB of 16 A type B 24 Lumen maintenance at median useful tife* L85 Temperature Application Conditions Lumen maintenance at median useful tife* L85 Control sand Dimming No Application Conditions Performance embient temperature Tq 25 °C Control interface - Application Conditions Performance intemperature Tq<	Luminaire light beam spread	81° x 85°	Photobiological risk	Photobiological risk group 0 @200mm
Imput Voltage	Unified glare rating CEN	19	_	to EN62778
Imput Voltage	Operating and Electrical		Initial Performance (IEC Compliant)	
Third Frequency 50 to 60 Hz Initial Chromaticity Co.88 to 37) SDCM < 3		220 to 240 W		. / 109/
Initial CLO power consumption			_	· ·
Average CLO power consumption - W Intrush current 22 A Over Time Performance (IEC Compliant) O 10 % Power Consumption 30 W Control gear failure rate at \$5000 h 0.01 % Power Factor (Fraction) 0.9 50000 h Use an animetan useful life should be sho			<u> </u>	
Inrush current 22 A Over Time Performance (IEC Compliant) Inrush time 0.282 ms Driver failure rate at \$500 h 0.01% Power Consumption 30 W Control gear failure rate at median useful life 5 Power Factor (Fraction) 0.9 500000 h EB5 Connection Push-in connector and pull relief Lumen maintenance at median useful life* LB5 Cable - Lumen maintenance at median useful life* LB6 Number of products on MCB of 16 A type B 24 Lumen maintenance at median useful life* LB6 Temperature 100000 h Lumen maintenance at median useful life* LB6 Ambient temperature range +10 to +40 °C Application Conditions LB6 Control sand Dirmining No Suitable for random switching Yes Dirwer/power unit/transformer Power supply unit (On/Off) Waximum dim level Yes Constant light output No Suitable for random switching Yes Mechanical and Housing Full product name RC3408 LED425/940 PSU W601.60 Housing Material Steel Full			- Fower consumption tolerance	T/-1∪%
Driver failure rate at 5000 h			Over Time Performance (IEC Consultant)	
Power Consumption 30 W Control gear failure rate at median useful tife 5% Source Factor (Fraction) 0.9 Connection Push-in connector and pull relief 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature fire 70000 h Application Conditions Performance ambient temperature 7000 25°C Application Conditions Performance ambient temperature 7000 25°C Application Conditions Performance ambient temperature 70000 25°C Application Conditions Performance ambient temperature 700000 25°C Application Conditions Performance ambient temperature 70000000 7000000 70000000000000000000				
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Connection Push-in connector and pull relief Cable - 50000 h Number of products on MCB of 16 A type B 24			_	5 %
Cable			_ :	105
Lumen maintenance at median useful life* L80 100000 h		Push-in connector and pull relief	_	L85
100000 h 100000 h 100000 h 1000000 h 1000000 h 1000000 h 1000000 h 10000000 h 10000000000	Cable	-	_	100
Ambient temperature arange	Number of products on MCB of 16 A type B	24	_	180
Ambient temperature range			- 100000 h	
Performance ambient temperature Tq 25 °C Controls and Dimming No Suitable for random switching Yes Dimmable No Product Data Product Data Product name RC340B LED425/940 PSU W60L60 CPC PCS PIP Mechanical and Housing Housing Material Steel Reflector material Polycarbonate Optic material Polycarbonate Polycarbonate Stainless steel Housing Color White Optical cover finish Structured optic Optical length S97 mm Overall leight Overall leight Optical Leight S97 mm Maximum dim level 1% Pes Suitable for random switching Yes Suitable for random switching Yes Product Data Product Data Product name RC340B LED425/940 PSU W60L60 CPC PCS PIP Full product code 871951410311500 Order code Material Nr. (12NC) 910925867049 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8719514103115 Numerator - Packs per outer box 1 EAN/UPC - Case 8719514103115 EAN/UPC - Case 8719514103115	Temperature		Annalization Constituions	
Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface Constant light output No Order product name Polycarbonate Reflector material Polycarbonate Numerator - Quantity Per Pack Polycarbonate Polycarbona	Ambient temperature range	+10 to +40 °C		25.06
Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Control interface - Product Data Constant light output No Mechanical and Housing Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Mechanical and Housing Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Mechanical and Housing Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Mechanical and Housing Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Mechanical Reflector material Polycarbonate Full product code R71951410311500 Optic material Polycarbonate Polycarbonate Material Nr. (12NC) 910925867049 Material Nr. (12NC) 910925867049 Mumerator - Quantity Per Pack 1 EAN/UPC - Product/Case R719514103115 Overall length 597 mm Overall width 597 mm Overall leight 60 mm				
Driver/power unit/transformer Control interface Constant light output No Mechanical and Housing Housing Material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Polycarbonate Stainless steel Housing Color White Optical cover finish Structured optic Overall length Overall width Sep 7 mm Overall length One was supply unit (On/Off) Product Data Product Data Product Data Product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code S71951410311500 Order code Material Nr. (12NC) Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8719514103115 Numerator - Packs per outer box 1 EAN/UPC - Case 8719514103115 EAN/UPC - Case 8719514103115	Controls and Dimming			
Control interface - Order product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Mechanical and Housing Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Mechanical and Housing Steel Full product code R71951410311500 Optic material Polycarbonate Order code 10311500 Material Nr. (12NC) 910925867049 Fixation material Stainless steel Numerator - Quantity Per Pack 1 Housing Color White EAN/UPC - Product/Case R719514103115 Optical cover finish Structured optic Numerator - Packs per outer box 1 EAN/UPC - Case R719514103115 Numerator - Packs per outer box 1 EAN/UPC - Case R719514103115	Dimmable	No	Suitable for random switching	Yes
Constant light output No Profer product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product code RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W60L60 CPC PCS PIP Full product name RC340B LED42S/940 PSU W61 Full product name RC340B LED42S/940 PSU W61 Full product name RC340B LED42S/940 PSU W61 Full product	Driver/power unit/transformer	Power supply unit (On/Off)		
Mechanical and Housing Housing Material Steel Reflector material Polycarbonate Optic material Polycarbonate Polycarbonate Fixation material Rousing Color White Optical cover finish Overall length Overall leight Overall height RC340B LED42S/940 PSU W60L60 PCP CPS PIP Full product code RC340B LED42S/940 PSU W60L60 PCPC PIP Full product code RC340B LED42S/940 PSU W60L60 PCP CPS PIP Full product code RC340B LED42S/940 PSU W60L60 PCP CPS PIP Full product code RC340B LED42S/940 PSU W60L60 PCP CPS PIP RC40B LED42S/BETA L	Control interface	-		
Mechanical and HousingFull product nameRC340B LED42S/940 PSU W60L60 CPC PCS PIPHousing MaterialSteelFull product codeRC340B LED42S/940 PSU W60L60 CPC PCS PIPReflector materialPolycarbonateFull product code871951410311500Optical cover materialPolycarbonateMaterial Nr. (12NC)910925867049Fixation materialStainless steelNumerator - Quantity Per Pack1Housing ColorWhiteEAN/UPC - Product/Case8719514103115Optical cover finishStructured opticNumerator - Packs per outer box1Overall length597 mmEAN/UPC - Case8719514103115Overall height60 mm	Constant light output	No	Order product name -	
Housing Material Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Polycarbonate Material Nr. (12NC) Poly25867049 Numerator - Quantity Per Pack Polycarbonate Structured optic Optical cover finish Structured optic Overall length S97 mm Overall height CPC PCS PIP CPC PCS PIP Full product code 871951410311500 Material Nr. (12NC) 910925867049 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8719514103115 Numerator - Packs per outer box 1 EAN/UPC - Case 8719514103115			-	
Reflector material Polycarbonate Full product code 871951410311500 Optic material Polycarbonate Order code 10311500 Optical cover material Polycarbonate Material Nr. (12NC) 910925867049 Fixation material Stainless steel Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8719514103115 Optical cover finish Structured optic Numerator - Packs per outer box 1 EAN/UPC - Case 8719514103115 Overall length 597 mm Overall width 60 mm	Mechanical and Housing		Full product name -	
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Optical cover material Polycarbonate Polycarbonate Material Nr. (12NC) 910925867049 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8719514103115 Numerator - Packs per outer box 1 EAN/UPC - Case 8719514103115 Overall length 597 mm Overall width 597 mm Overall height 60 mm	Reflector material	Polycarbonate		
Fixation material Stainless steel Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box I EAN/UPC - Case Numerator - Packs per outer box EAN/UPC - Case Numerator - Packs per outer box EAN/UPC - Case Numerator - Packs per outer box I EAN/UPC - Case Numerator - Packs per outer box I EAN/UPC - Case Numerator - Packs per outer box I EAN/UPC - Case Numerator - Packs per outer box I EAN/UPC - Case Numerator - Packs per outer box I EAN/UPC - Case Numerator - Packs per outer box I EAN/UPC - Case	Optic material	Polycarbonate		
Housing Color White EAN/UPC - Product/Case 8719514103115 Optical cover finish Structured optic Numerator - Packs per outer box 1 EAN/UPC - Case 8719514103115 Overall length 597 mm Overall height 60 mm	Optical cover material	Polycarbonate		
Optical cover finish Structured optic Overall length Sp7 mm Sp7 mm Overall width Overall height Sp7 mm Sp7 mm Overall height Sp7 mm Sp7	Fixation material	Stainless steel		
Overall length 597 mm EAN/UPC - Case 8719514103115 Overall width 597 mm 60 mm	Housing Color	White		
Overall width 597 mm Overall height 60 mm	Optical cover finish	Structured optic		
Overall height 60 mm	Overall length	597 mm	EAN/UPC - Case	8719514103115
	Overall width	597 mm	_	
Dimensions (Height x Width x Depth) 60 x 597 x 597 mm	Overall height	60 mm	_	
	Dimensions (Height x Width x Depth)	60 x 597 x 597 mm	_	

FlexBlend Recessed

Dimensional drawing





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