# **PHILIPS** Lighting



# ClearAccent

# RS060B LED5-36-/830 PSR II WH

36  $^\circ$  - 830 warm white - Power supply unit regulating - Safety class II

- White

ClearAccent is an entry-level recessed spot range designed to replace halogen-based luminaires. Its attractive price and high lumen per watt ratio make the decision to switch to LED an easy one. The luminaire's compact design, with built-in driver, is suitable for a wide variety of applications. The dimensions of the fixation hole meet the old halogen-based standard of 68 mm, which makes retrofitting possible. Thanks to the screw-in connectors, installation is easy and safe.

#### **Product data**

General Information	
Beam angle of light source	36 °
Light source color	830 warm white
Cap-Base	-[-]
Light source replaceable	No
Number of gear units	-
Gear	-
Driver/power unit/transformer	Power supply unit regulating
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	Clear flat
Luminaire light beam spread	36°
Control interface	Analog
Connection	Screw connection block 3-pole
Cable	-
Protection class IEC	Safety class II

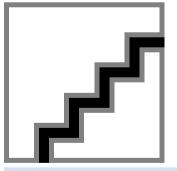
Glow-wire test	Temperature 650 °C, duration 30 s	
Flammability mark	-	
CE mark	CE mark	
ENEC mark	-	
UL mark	-	
Warranty period	3 years	
Constant light output	No	
Number of products on MCB of 16 A type B	48	
RoHS mark	-	
Operating and Electrical		
Input Voltage	220-240 V	
Input Frequency	50 to 60 Hz	
Control signal voltage	-	
Inrush current	2 A	
Inrush time	82 ms	

## ClearAccent

Power Factor (Min)	0.9	Power consumption tolerance
Controls and Dimming		Over Time Performance (IE
Dimmable	Yes	Driver failure rate at 5000 h
		Median useful life L70B50
Mechanical and Housing		Median useful life L80B50
Housing Material	Aluminum die-cast	Median useful life L90B50
Reflector material	Polycarbonate aluminum coated	
Optic material	Polycarbonate	Application Conditions
Optical cover/lens material	Polycarbonate	Ambient temperature range
Fixation material	-	Average ambient temperature
Optical cover/lens finish	Clear	Maximum dim level
Overall height	55 mm	Suitable for random switching
Overall diameter	75 mm	
		Product Data
Approval and Application		Full product code
Ingress protection code	IP20 [Finger-protected]	Order product name
Mech. impact protection code	IK02 [ 0.2 J standard]	EAN/UPC - Product
		Order code
Initial Performance (IEC Compliant)		Numerator - Quantity Per Pack
Initial luminous flux (system flux)	500 lm	Numerator - Packs per outer box
Luminous flux tolerance	+/-10%	Material Nr. (12NC)
Initial LED luminaire efficacy	83 lm/W	Net Weight (Piece)
Init. Corr. Color Temperature	3000 K	
Init. Color Rendering Index	≥80	
Initial chromaticy	(0.43, 0.40) SDCM <3	محم محم محم
Initial input power	6 W	

Iedian useful life L80B50       20000 h         Iedian useful life L90B50       15000 h         Implication Conditions       15000 h         Implement temperature range       0 to +40 °C         verage ambient temperature       25 °C         Itaximum dim level       10% (depends on dimmer, ELV)         uitable for random switching       No         Product Data       871869607267799         wrder product name       RS060B LED5-36-/830 PSR II WH         AN/UPC - Product       8718696072677         wrder code       910503910182         lumerator - Quantity Per Pack       1         lumerator - Packs per outer box       24         laterial Nr. (12NC)       910503910182	Power consumption tolerance	+/-10%	
Inver failure rate at 5000 h 1.5 % Iedian useful life L70B50 25000 h Iedian useful life L80B50 20000 h Iedian useful life L90B50 15000 h Iedia			
Income     25000 h       Iedian useful life L70B50     25000 h       Iedian useful life L80B50     20000 h       Iedian useful life L90B50     15000 h       Implication Conditions     Implication Conditions       Interval     10% (depends on dimmer, ELV)       Introduct Data     Implication Conditions       Interval     Implication Conditions       Introduct code     871869607267799       Interval     8718696072677       Interval     8718696072677       Interval     8718696072677       Interval     1       Immerator - Quantity Per Pack     1       Iumerator - Packs per outer box     24       Iaterial Nr. (12NC)     910503910182	,		
Iedian useful life L80B50       20000 h         Iedian useful life L90B50       15000 h         Implication Conditions       15000 h         Implement temperature range       0 to +40 °C         verage ambient temperature       25 °C         Itaximum dim level       10% (depends on dimmer, ELV)         uitable for random switching       No         Product Data       871869607267799         wrder product name       RS060B LED5-36-/830 PSR II WH         AN/UPC - Product       8718696072677         wrder code       910503910182         lumerator - Quantity Per Pack       1         lumerator - Packs per outer box       24         laterial Nr. (12NC)       910503910182	Driver failure rate at 5000 h	1.5 %	
Itedian useful life L90B50       15000 h         Implication Conditions       15000 h         Implication Conditions       15000 h         Implication Conditions       25 °C         Itaximum dim level       10% (depends on dimmer, ELV)         Initiable for random switching       No         Product Data       871869607267799         Initiable for random switching       871869607267799         Index product name       RS060B LED5-36-/830 PSR II WH         AN/UPC - Product       8718696072677         Interactor - Quantity Per Pack       1         Iumerator - Packs per outer box       24         Itaterial Nr. (12NC)       910503910182	Median useful life L70B50	25000 h	
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uiltable for random switching       No         Product Data       871869607267799         uilt product code       871869607267799         Inder product name       RS060B LED5-36-/830 PSR II WH         AN/UPC - Product       8718696072677         Inder code       910503910182         Iumerator - Quantity Per Pack       1         Iumerator - Packs per outer box       24         Iaterial Nr. (12NC)       910503910182	Average ambient temperature	25 °C	
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	Numerator - Packs per outer box	24	
let Weight (Piece) 0.100 kg	Material Nr. (12NC)	910503910182	
	Net Weight (Piece)	0.100 kg	

#### **Dimensional drawing**

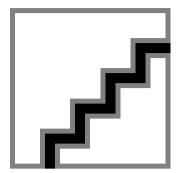


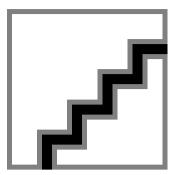
ClearAccent RS060B

Datasheet, 2017, August 24

## ClearAccent

#### Photometric data





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IFPC1\_RS060B1xLED5-36-830



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