



Pila Luminaires

PILA WL007C LED16S/840 PSU RND WH G2

Energy efficient, robust lighting products that can be used in a wide variety of applications with good and reliable performance.

Product data

General Information	
Light source color	Neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Very wide beam
Luminaire light beam spread	120°
Control interface	-
Connection	-
Cable	Cable 0.2 m without plug
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	2 years
Constant light output	No
Number of products on MCB of 16 A type B	30
EU RoHS compliant	Yes
Unified glare rating CEN	26
Light Technical	
Saturated Red (R9)	<50

Operating and Electrical	
Input Voltage	220-240 V
Input Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	2.5 A
Inrush time	0.06 ms
Power Factor (Min)	0.5
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Opal
Overall height	55 mm
Overall diameter	200 mm
Color	white

Pila Luminaires

Approval and Application

Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
Mech. impact protection code	IK06 [1 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	80 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38,0.38)SDCM<6
Initial input power	20 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 35000 h	0.075 %
Lumen maintenance at median useful life* 35000 h	L70

Application Conditions

Ambient temperature range	-30 to +35 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Full product code	871016336443899
Order product name	PILA WL007C LED16S/840 PSU RND WH G2
EAN/UPC - Product	8710163364438
Order code	911401774762
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	911401774762
Net Weight (Piece)	0.240 kg

