



Ledinaire Square Wall-mounted

WL055V LED6S/840 PSU WH

Ledinaire Square Wall-mounted, 6 W, 374x150 mm, 630 lm, 4000 K, IP65

374x150 mm, Polycarbonate, White, Power supply unit (On/Off), 630 lm, 6 W, 105 lm/W, 4000 K, SDCM \leq 5, Beam angle 110°, Opal, Polycarbonate, IP65 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class II, Push-in connector 3-pole

Product data

General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
Warranty period	5 years

Light Technical	
Luminous Flux	630 lm
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	105 lm/W
Colour rendering index (CRI)	>80
Beam angle of light source	110 degree(s)
Light source colour	840 neutral white
Optic type	Beam angle 110°
Luminaire light beam spread	110°

Unified Glare Rating (CEN)	25
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Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	4 A
Inrush time	0.02 ms
Power Consumption	6 W
Power Factor (Fraction)	0.82
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB (16 A type B)	79
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %

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Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing	
Housing material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	374 mm
Overall width	150 mm
Overall height	82 mm
Dimensions (height x width x depth)	82 x 150 x 374 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	0.700 kg

Approval and Application	
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* – According to the Lighting Europe guidance paper 'Evaluating the performance of LED -based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Flickering value (PstLM)	1
Stroboscopic effect	1.6
Ambient temperature range	-20 to +35 °C

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Initial chromaticity	SDCM≤5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L65

Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	9.83 kg CO _{2e}
Product non-virgin material ratio	6.84 %
Recyclable the content ratio of the finished product	52.8 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kWh)

Product Data	
Order product name	WL055V LED6S/840 PSU WH
Full product name	WL055V LED6S/840 PSU WH
Full EOC	871016334942899
Order code	911401834980
Material no. (12 NC)	911401834980
Local order code	WL055V
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163349428
Numerator – packs per outer box	12
EAN/UPC - Case	8710163349442

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Dimensional drawing

