



CoreLine Downlight gen5

DN142B 20S/840 WIA-E UGR19 IP54

CoreLine Downlight gen5, 20.4 W, D200 mm, 2000 lm, 4000 K, Wireless, Interact Ready, UGR19, Facetted reflector, IP20/54, EL-ready

D200 mm, Polycarbonate, White, Pure white (RAL9010), Recessed, Wireless driver Interact System ready external, 2000 lm, 20.4 W, 111 lm/W, 4000 K, (0.380,0.377) SDCM±5, UGR19, Facetted reflector, Facetted reflector, Polycarbonate, IP20/54 | Finger-protected; dust accumulation-protected, splash-proof, IK02 | 0.2 J standard, Safety class II, 2 cables 0.15m with connectors 2-pole, Self-contained emergency lighting is possible when used with a compatible battery kit accessory

Warnings and Safety

- Do not apply excessive force to the cable & DC connector, make sure the connector clip is locked before the power is on.

Product data

General Information			
Number of gear units	1 unit	Saturated Red (R9)	<50
Driver included	Yes	Correlated Color Temperature (Nom)	4000 K
Service tag	Yes	Luminous Efficacy (rated) (Nom)	111 lm/W
Mounting	Recessed	Color rendering index (CRI)	>80
Value ladder	Performance	Beam angle of light source	- degree(s)
Warranty period	5 years	Light source color	840 neutral white
		Optic type	Facetted reflector
		Luminaire light beam spread	60°
		Unified glare rating CEN	19
Light Technical			
Luminous Flux	2,000 lm		

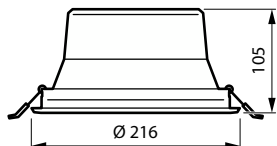
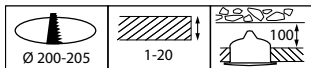
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Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	10 A
Inrush time	0.002 ms
Power Consumption	20.4 W
Power Factor (Fraction)	0.95
Connection	-
Cable	2 cables 0.15m with connectors 2-pole
Number of products on MCB of 16 A type B	100
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	35 %
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System ready external
Control interface	Wireless
Constant light output	No
Connectivity	Interact Ready
Mechanical and Housing	
Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	-
Reflector Finish	Facetted reflector
Overall height	105 mm
Overall diameter	216 mm
Nominal Ceiling cut-out diameter	200 mm
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Mounting	Recessed
Net Weight (Piece)	0.950 kg
Emergency Operation	
Central Emergency	No
Emergency lighting	Self-contained emergency lighting is possible when used with a compatible battery kit accessory
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

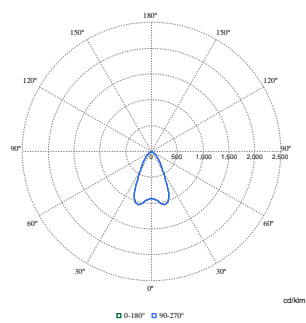
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Stroboscopic effect visibility measure (SVM)	1
Ambient temperature range	-20 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.380,0.377) SDCM≤5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	4.67 kg CO ₂ e
Product non-virgin material ratio	32 %
Recyclable content ratio of the finished product	32.9 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard
Product Data	
Order product name	DN142B 20S/840 WIA-E UGR19 IP54
Full product name	DN142B 20S/840 WIA-E UGR19 IP54
Full product code	872016910914800
Order code	10914800
Material Nr. (12NC)	910505103614
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169109148
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169109148
Product family code	DN142B [CoreLine Downlight gen5]

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Dimensional drawing



Photometric data



Polar Normal (separate) - DN142BI - 910505103614

