



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, Faceted 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, Faceted reflector, Faceted reflector, Polycarbonate, IP20/54 | Finger-protected; dust accumulation-protected, splash-proof, IK02 | 0.2 J standard, Safety class II, 2 cables 0.15 m with connectors 2-pole, Emergency lighting ready (through compatible battery kit accessory)

Warnings and Safety

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

Product data

General Information		Saturated Red (R9)	
Number of gear units	Unit		<50
Driver included	Yes	Correlated Colour Temperature (Nom)	4000 K
Service Tag	Yes	Luminous efficacy (rated) (nom.)	111 lm/W
Mounting	Recessed	Colour rendering index (CRI)	>80
Value ladder	Performance	Beam angle of light source	- degree(s)
Warranty period	5 years	Light source colour	840 neutral white
		Optic type	Faceted reflector
		Luminaire light beam spread	60°
		Unified Glare Rating (CEN)	19
Light Technical			
Luminous Flux	2,000 lm		

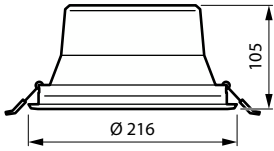
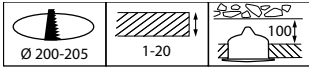
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Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	10 A
Inrush time	0.002 ms
Power Consumption	20.4 W
Power Factor (Fraction)	0.95
Connection	-
Cable	2 cables 0.15 m with connectors 2-pole
Number of products on MCB (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	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	-
Reflector finish	Faceted reflector
Overall height	105 mm
Overall diameter	216 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	Emergency lighting ready (through 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

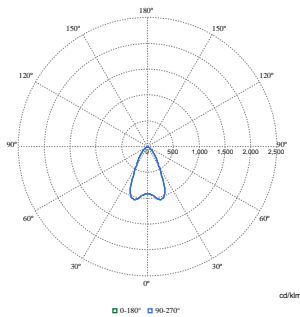
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Stroboscopic effect	1
Ambient temperature range	-20 to +40 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.380,0.377) SDCM≤5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50,000 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 the 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 DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kWh)
Product Data	
Order product name	DN142B 20S/840 WIA-E UGR19 IP54
Full product name	DN142B 20S/840 WIA-E UGR19 IP54
Full EOC	872016910914800
Order code	910505103614
Material no. (12 NC)	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

