



GreenSpace

DN473B LED20S/840 DIA-VLC-E C WH PCC P

GreenSpace, downlight, 13.7 W, D200 mm, 1800 lm, 4000 K, DALI, Interact Ready, UGR19, High-gloss reflector, Clear, IP20/54

downlight, D200 mm, Polycarbonate, White, Signal white (RAL9003), Recessed, Dali dimming Interact System ready visual light communication enabled external, 1800 lm, 13.7 W, 130 lm/W, 4000 K, (0.38, 0.38) SDCM<3, UGR19, High-gloss reflector, Clear, IP20/54 | Finger-protected; dust accumulation-protected, splash-proof, IK02 | 0.2 J standard, Safety class II

Product data

General Information	
Lamp family code	20S [LED module, system flux 2000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Mounting	Recessed
Value ladder	Specification
Warranty period	5 years
Light Technical	
Upward light output ratio	0
Luminous Flux	1,800 lm
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	120°
Optic type outdoor	-
Unified glare rating CEN	19
Effective projected area	0 m²
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	20.4 A
Inrush time	0.195 ms

Power Consumption	13.7 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	24
Suitable for random switching	Yes
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	-
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready visual light communication enabled external
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™ with extended data: Parts 251/252/253
Maximum dim level	1%
Connectivity	Interact Ready

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	-
Fixation material	-
Housing Color	White
Mounting device	-
Optical cover shape	-
Optical cover finish	Clear
Reflector Finish	High-gloss reflector
Overall height	94 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]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Mounting	Recessed
Optical cover type	-
Net Weight (Piece)	0.700 kg

Emergency Operation

Additional max. power consumption when emergency battery is charging	0 W
Central Emergency	No

Approval and Application

Glow-wire test	Temperature 750 °C, duration 30 s
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Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-15 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM<3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	0
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Embedded carbon (A1-A3)	10.9 kg CO ₂ e
Product non-virgin material ratio	13.1 %
Recyclable content ratio of the finished product	47 %
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)

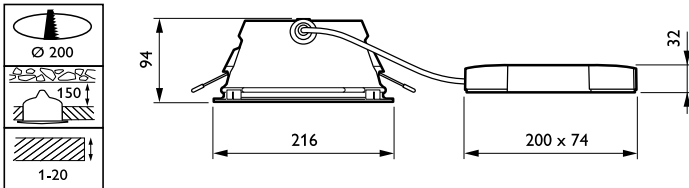
Product Data

Order product name	DN473B LED20S/840 DIA-VLC-E C WH PCC P
Full product name	DN473B LED20S/840 DIA-VLC-E C WH PCC P
Full product code	871869998338300

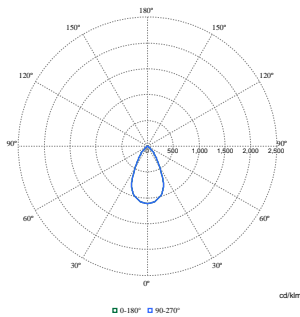
Order code	98338300
Material Nr. (12NC)	910505102119
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699983383
Numerator - Packs per outer box	1

EAN/UPC - Case	8718699983383
Product family code	DN473B [200mm + anti-glare ring, IP54]

Dimensional drawing



Photometric data



Polar Normal (separate) - DN460BN - 910505102119

