



LuxSpace G4

DN589B LED10/840 PSU C D150 WH WB WP GM

LuxSpace G4, 8.4 W, 1000 lm, 4000 K, Facetted reflector with beam angle 60°, Textured, Finger-protected; dust accumulation-protected, splash-proof

LuxSpace Gen4 is the a new LED downlight range combining light comfort and leading performance with luxury looking

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	119 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	Facetted reflector with beam angle 60°

Optical cover type	Reflector	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Inrush current	5.2 A	
Inrush time	0.23 ms	
Power Consumption	8.4 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	
Number of products on MCB of 16 A type B 34		
Temperature		
Ambient temperature range	-20 to +40 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit external (On/Off)	
Control interface	-	

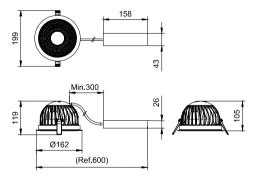
Datasheet, 2024, February 16 data subject to change

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Mechanical and Housing Housing Material Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Prixation material Steel Housing Color White and black Optical cover finish Textured Overall length O mm Overall width Overall width Overall diameter Dimensions (Height x Width x Depth) Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IRO3 [0.3 J] Protection class IEC Safety class II		
Housing Material Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polycarbonate Polycarbonate Optical cover material Steel Housing Color White and black Optical cover finish Textured Overall length Owerall width Owerall width Overall diameter Overall diameter Oimensions (Height x Width x Depth) Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IRO3 [0.3 J] Protection class IEC Initial Performance (IEC Compliant) Luminous flux tolerance Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Note aluminum die cast Polycarbonate Aluminum coated Polycarbonate Note aluminum coated Note aluminum coated Polycarbonate Note aluminum coated Note aluminum co	Constant light output	No
Housing Material Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Optical cover material Polycarbonate Polycarbonate Optical cover material Steel Housing Color White and black Optical cover finish Textured Overall length Owerall width Owerall width Overall diameter Overall diameter Oimensions (Height x Width x Depth) Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IRO3 [0.3 J] Protection class IEC Initial Performance (IEC Compliant) Luminous flux tolerance Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Note aluminum die cast Polycarbonate Aluminum coated Polycarbonate Note aluminum coated Note aluminum coated Polycarbonate Note aluminum coated Note aluminum co	Mochanical and Housing	
Reflector material Polycarbonate aluminum coated Optic material Polycarbonate Polycarb		
Optic material Optical cover material Polycarbonate Fixation material Housing Color Optical cover finish Overall length Overall width Overall width Overall diameter Optical cover finish Overall width Owerall height Overall height Overall diameter Optical cover finish Owerall width Owerall width Owerall height Overall height Overall height Overall diameter Owerall diameter Owerall diameter Owerall diameter Owerall diameter Owerall height x Width x Depth) Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IKO3 [0.3 J] Protection class IEC Safety class II	Housing Material	Aluminum die cast
Polycarbonate Fixation material Fixation material	Reflector material	Polycarbonate aluminum coated
Fixation material Housing Color White and black Optical cover finish Textured Overall length Owerall width Overall height Overall diameter Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IKO3 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Optic material	Polycarbonate
Housing Color White and black Defical cover finish Deverall length Deverall length Deverall width Deverall height Deverall diameter Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IKO3 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Optical cover material	Polycarbonate
Optical cover finish Description Descripti	Fixation material	Steel
Overall length 0 mm Overall width 0 mm Overall height 100 mm Overall diameter 162 mm Dimensions (Height x Width x Depth) 100 x 0 x 0 mm Approval and Application Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IK03 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Housing Color	White and black
Overall width 0 mm Overall height 100 mm Overall diameter 162 mm Oimensions (Height x Width x Depth) 100 x 0 x 0 mm Approval and Application Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IK03 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Optical cover finish	Textured
Overall height 100 mm Overall diameter 162 mm Dimensions (Height x Width x Depth) 100 x 0 x 0 mm Approval and Application Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IK03 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Overall length	0 mm
Diverall diameter Diverall diameter Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IKO3 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Overall width	0 mm
Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IKO3 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Overall height	100 mm
Approval and Application Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IK03 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Overall diameter	162 mm
Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IK03 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Dimensions (Height x Width x Depth)	100 x 0 x 0 mm
Ingress protection code IP20/54 [Finger-protected; dust accumulation-protected, splash-proof] Mech. impact protection code IK03 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%		
accumulation-protected, splash-proof] Mech. impact protection code IKO3 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Approval and Application	
Mech. impact protection code IK03 [0.3 J] Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Ingress protection code	IP20/54 [Finger-protected; dust
Protection class IEC Safety class II Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%		accumulation-protected, splash-proof]
Initial Performance (IEC Compliant) Luminous flux tolerance +/-10%	Mech. impact protection code	IK03 [0.3 J]
Luminous flux tolerance +/-10%	Protection class IEC	Safety class II
Luminous flux tolerance +/-10%		
	Initial Performance (IEC Compliant)	
Power consumption tolerance +/-10%	Luminous flux tolerance	+/-10%
	Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	1%
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	50,000 hour(s)
Median useful life L90B50	21,000 hour(s)
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	DN589B LED10/840 PSU C D150 WH WB
	WP GM
Full product name	DN589B LED10/840 PSU C D150 WH WB
	WP GM
Full product code	872016972786100
Order code	911401549841
Material Nr. (12NC)	911401549841
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169727861
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169727861

Dimensional drawing



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