



Miniaturised downlight with leading optical performance and great diversity

LuxSpace G4

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

Benefits

- Visual comfort
- Multiple options for various applications
- Smart lighting

Features

- Miniaturised form factor
- High optical efficiency
- Great product diversity
- Tunable white

Application

- Office
- shopping centre
- hotel
- retail

LuxSpace G4

Versions



Application Conditions

Ambient temperature range	-20 to +40 °C
Maximum dimming level	1%

Approval and Application

Mech. impact protection code	IK03
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Controls and Dimming

Dimmable	Yes
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

CE mark	CE mark
Optical cover/lens type	Reflector
Driver included	Yes
Flammability mark	F
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	Faceted reflector with beam angle 60°

Initial Performance (IEC Compliant)

Init. Colour rendering index	>80
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Mechanical and Housing

Colour	White and black
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Over Time Performance (IEC Compliant)

Median useful life L80B50	50000 h
Median useful life L90B50	21000 h

Approval and Application

Order Code	Full Product Name	Ingress protection code
911401542551	DN591B LED20/TWH PSD C D150 WH WB GM	IP20
911401552041	DN589B LED10/830 PSD C D150 WH WB CAU	IP20
911401552141	DN589B LED10/840 PSD C D150 WH WB CAU	IP20
911401552241	DN590B LED15/840 PSD C D150 WH WB CAU	IP20
911401552441	DN591B LED20/840 PSD C D200 WH WB CAU	IP20
911401552541	DN593B LED30/840 PSD C D200 WH WB CAU	IP20
911401552641	DN594B LED40/840 PSD C D200 WH WB CAU	IP20
911401553641	DN590B LED15/840 PSD C D150 WH WB WP CAU	IP54/20
911401553941	DN593B LED30/840 PSD C D200 WH WB WP CAU	IP54/20

General Information

Order Code	Full Product Name	Beam angle of light source	Protection class	ENEC
			IEC	mark
911401542551	DN591B LED20/TWH PSD C D150 WH WB GM	62°	Safety class II (II)	-
911401552041	DN589B LED10/830 PSD C D150 WH WB CAU	-	Safety class II (II)	-
911401552141	DN589B LED10/840 PSD C D150 WH WB CAU	-	Safety class II (II)	-
911401552241	DN590B LED15/840 PSD C D150 WH WB CAU	-	Safety class I (I)	-
911401552441	DN591B LED20/840 PSD C D200 WH WB CAU	-	Safety class I (I)	-

Order Code	Full Product Name	Beam angle of light source	Protection class	ENEC
			IEC	mark
911401552541	DN593B LED30/840 PSD C D200 WH WB CAU	-	Safety class I (I)	-
911401552641	DN594B LED40/840 PSD C D200 WH WB CAU	-	Safety class I (I)	-
911401553641	DN590B LED15/840 PSD C D150 WH WB WP CAU	-	Safety class I (I)	-
911401553941	DN593B LED30/840 PSD C D200 WH WB WP CAU	-	Safety class I (I)	-

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr.	Initial LED	Initial
			Colour Temperature	luminaire efficacy	luminous flux
911401542551	DN591B LED20/TWH PSD C D150 WH WB GM	-	2700 K	88 lm/W	2200 lm
911401552041	DN589B LED10/830 PSD C D150 WH WB CAU	-	3000 K	25 lm/W	990 lm
911401552141	DN589B LED10/840 PSD C D150 WH WB CAU	-	4000 K	125 lm/W	1050 lm
911401552241	DN590B LED15/840 PSD C D150 WH WB CAU	-	4000 K	115 lm/W	1550 lm
911401552441	DN591B LED20/840 PSD	-	4000 K	119 lm/W	2150 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr.	Initial LED	Initial
			Colour Temperature	luminaire efficacy	luminous flux
	C D200 WH WB CAU				
911401552541	DN593B LED30/840 PSD C D200 WH WB CAU	-	4000 K	105 lm/W	3400 lm
911401552641	DN594B LED40/840 PSD C D200 WH WB CAU	-	4000 K	108 lm/W	4300 lm
911401553641	DN590B LED15/840 PSD C D150 WH WB WP CAU	-	4000 K	109 lm/W	1470 lm
911401553941	DN593B LED30/840 PSD C D200 WH WB WP CAU	-	4000 K	105 lm/W	3400 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Luminous flux	Initial input
		tolerance	power
911401542551	DN591B LED20/TWH PSD C D150 WH WB GM	+/-15%	25 W
911401552041	DN589B LED10/830 PSD C D150 WH WB CAU	+/-10%	39.7 W
911401552141	DN589B LED10/840 PSD C D150 WH WB CAU	+/-10%	8.4 W
911401552241	DN590B LED15/840 PSD C D150 WH WB CAU	+/-10%	13.5 W
911401552441	DN591B LED20/840 PSD C D200 WH WB CAU	+/-10%	18 W

Order Code	Full Product Name	Luminous flux	Initial input
		tolerance	power
911401552541	DN593B LED30/840 PSD C D200 WH WB CAU	+/-10%	32.5 W
911401552641	DN594B LED40/840 PSD C D200 WH WB CAU	+/-10%	39.7 W
911401553641	DN590B LED15/840 PSD C D150 WH WB WP CAU	+/-10%	13.5 W
911401553941	DN593B LED30/840 PSD C D200 WH WB WP CAU	+/-10%	32.5 W

