



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

Versions



Application Conditions

Ambient temperature range	-20 to +40 °C
Suitable for random switching	Not applicable

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
Driver included	Yes
Flammability mark	F
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Init. Colour Rendering Index	>80
Luminous flux tolerance	+/-10%

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

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401552041	DN589B LED10/830 PSD C D150 WH WB CAU	1%
911401552141	DN589B LED10/840 PSD C D150 WH WB CAU	1%
911401552241	DN590B LED15/840 PSD C D150 WH WB CAU	1%
911401552341	DN591B LED20/830 PSD C D200 WH WB CAU	1%
911401552441	DN591B LED20/840 PSD C D200 WH WB CAU	1%
911401552541	DN593B LED30/840 PSD C D200 WH WB CAU	1%
911401552641	DN594B LED40/840 PSD C D200 WH WB CAU	1%
911401553441	DN589B LED10/830 PSD C D150 WH WB WP CAU	1%
911401553541	DN589B LED10/840 PSD C D150 WH WB WP CAU	1%
911401553641	DN590B LED15/840 PSD C D150 WH WB WP CAU	1%
911401553741	DN591B LED20/830 PSD C D200 WH WB WP CAU	1%
911401553841	DN591B LED20/840 PSD C D200 WH WB WP CAU	1%
911401553941	DN593B LED30/840 PSD C D200 WH WB WP CAU	1%
911401554041	DN594B LED40/840 PSD C D200 WH WB WP CAU	1%
911401554141	DN590B LED15/830 POE C D150 WH WB GM	-
911401554241	DN590B LED15/840 POE C D150 WH WB GM	-
911401554341	DN592B LED25/830 POE C D200 WH WB GM	-
911401554441	DN592B LED25/840 POE C D200 WH WB GM	-

Approval and Application

Order Code	Full Product Name	Ingress protection code
911401552041	DN589B LED10/830 PSD C D150 WH WB CAU	IP20
911401552141	DN589B LED10/840 PSD C D150 WH WB CAU	IP20

Order Code	Full Product Name	Ingress protection code
911401552241	DN590B LED15/840 PSD C D150 WH WB CAU	IP20
911401552341	DN591B LED20/830 PSD C D200 WH WB CAU	IP20

Order Code	Full Product Name	Ingress protection code
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
911401553441	DN589B LED10/830 PSD C D150 WH WB WP CAU	IP54/20
911401553541	DN589B LED10/840 PSD C D150 WH WB WP CAU	IP54/20
911401553641	DN590B LED15/840 PSD C D150 WH WB WP CAU	IP54/20
911401553741	DN591B LED20/830 PSD C D200 WH WB WP CAU	IP54/20

Order Code	Full Product Name	Ingress protection code
911401553841	DN591B LED20/840 PSD C D200 WH WB WP CAU	IP54/20
911401553941	DN593B LED30/840 PSD C D200 WH WB WP CAU	IP54/20
911401554041	DN594B LED40/840 PSD C D200 WH WB WP CAU	IP54/20
911401554141	DN590B LED15/830 POE C D150 WH WB GM	IP20
911401554241	DN590B LED15/840 POE C D150 WH WB GM	IP20
911401554341	DN592B LED25/830 POE C D200 WH WB GM	IP20
911401554441	DN592B LED25/840 POE C D200 WH WB GM	IP20

General Information

Order Code	Full Product Name	Protection class IEC
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)
911401552341	DN591B LED20/830 PSD C D200 WH WB CAU	Safety class I (I)
911401552441	DN591B LED20/840 PSD C D200 WH WB CAU	Safety class I (I)
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)
911401553441	DN589B LED10/830 PSD C D150 WH WB WP CAU	Safety class II (II)
911401553541	DN589B LED10/840 PSD C D150 WH WB WP CAU	Safety class II (II)

Order Code	Full Product Name	Protection class IEC
911401553641	DN590B LED15/840 PSD C D150 WH WB WP CAU	Safety class I (I)
911401553741	DN591B LED20/830 PSD C D200 WH WB WP CAU	Safety class I (I)
911401553841	DN591B LED20/840 PSD C D200 WH WB WP CAU	Safety class I (I)
911401553941	DN593B LED30/840 PSD C D200 WH WB WP CAU	Safety class I (I)
911401554041	DN594B LED40/840 PSD C D200 WH WB WP CAU	Safety class I (I)
911401554141	DN590B LED15/830 POE C D150 WH WB GM	Safety class III (III)
911401554241	DN590B LED15/840 POE C D150 WH WB GM	Safety class III (III)
911401554341	DN592B LED25/830 POE C D200 WH WB GM	Safety class III (III)
911401554441	DN592B LED25/840 POE C D200 WH WB GM	Safety class III (III)

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401552041	DN589B LED10/830 PSD C D150 WH WB CAU	3000 K	25 lm/W	990 lm	39.7 W
911401552141	DN589B LED10/840 PSD C D150 WH WB CAU	4000 K	125 lm/W	1050 lm	8.4 W
911401552241	DN590B LED15/840 PSD C D150 WH WB CAU	4000 K	115 lm/W	1550 lm	13.5 W
911401552341	DN591B LED20/830 PSD C D200 WH WB CAU	3000 K	113 lm/W	2030 lm	18 W
911401552441	DN591B LED20/840 PSD C D200 WH WB CAU	4000 K	119 lm/W	2150 lm	18 W
911401552541	DN593B LED30/840 PSD C D200 WH WB CAU	4000 K	105 lm/W	3400 lm	32.5 W
911401552641	DN594B LED40/840 PSD C D200 WH WB CAU	4000 K	108 lm/W	4300 lm	39.7 W
911401553441	DN589B LED10/830 PSD C	3000 K	112 lm/W	940 lm	8.4 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401553541	DN589B LED10/840 PSD C D150 WH WB WP CAU	4000 K	119 lm/W	1000 lm	8.4 W
911401553641	DN590B LED15/840 PSD C D150 WH WB WP CAU	4000 K	109 lm/W	1470 lm	13.5 W
911401553741	DN591B LED20/830 PSD C D200 WH WB WP CAU	3000 K	107 lm/W	1930 lm	18 W
911401553841	DN591B LED20/840 PSD C D200 WH WB WP CAU	4000 K	113 lm/W	2040 lm	18 W
911401553941	DN593B LED30/840 PSD C D200 WH WB WP CAU	4000 K	105 lm/W	3400 lm	32.5 W
911401554041	DN594B LED40/840 PSD C	4000 K	108 lm/W	4300 lm	39.7 W

LuxSpace G4

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
	D200 WH WB WP CAU				
911401554141	DN590B LED15/830 POE C D150 WH WB GM	3000 K	103 lm/W	1480 lm	14.3 W
911401554241	DN590B LED15/840 POE C D150 WH WB GM	4000 K	108 lm/W	1550 lm	14.3 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401554341	DN592B LED25/830 POE C D200 WH WB GM	3000 K	109 lm/W	2510 lm	23 W
911401554441	DN592B LED25/840 POE C D200 WH WB GM	4000 K	113 lm/W	2600 lm	23 W

