



# 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



DN58XB DN59XB D100 D125

-	
Driver failure rate at 5,000 hours	1 %
<b>Application Conditions</b>	
Ambient temperature range	-20 to +40 °C
<b>Approval and Application</b>	
Mech. impact protection code	IK03
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
<b>General Information</b>	
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°
<b>Initial Performance (IEC Compliant)</b>	
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%
<b>Mechanical and Housing</b>	
Colour	White and black
<b>Over Time Performance (IEC Compliant)</b>	
Median useful life L80B50	50000 h
Median useful life L90B50	21000 h

## Application Conditions

Order Code	Full Product Name	Maximum dimming level
911401547541	DN588B LED6/830 PSU C D125 C WH WB GM	Not applicable
911401547641	DN588B LED6/840 PSU C D125 C WH WB GM	Not applicable
911401548741	DN588B LED6/840 PSD C D125 WH WB GM	1%
911401549541	DN588B LED6/830 PSU C D125 WH WB WP GM	Not applicable
911401549641	DN588B LED6/840 PSU C D125 WH WB WP GM	Not applicable
911401547741	DN589B LED10/830 PSU C D150 WH WB GM	Not applicable
911401547841	DN589B LED10/840 PSU C D150 WH WB GM	Not applicable
911401547941	DN590B LED15/830 PSU C D150 WH WB GM	Not applicable
911401548041	DN590B LED15/840 PSU C D150 WH WB GM	Not applicable
911401548141	DN591B LED20/830 PSU C D200 WH WB GM	Not applicable
911401548241	DN591B LED20/840 PSU C D200 WH WB GM	Not applicable
911401548341	DN593B LED30/830 PSU C D200 WH WB GM	Not applicable
911401548441	DN593B LED30/840 PSU C D200 WH WB GM	Not applicable
911401548541	DN594B LED40/830 PSU C D200 WH WB GM	Not applicable
911401548641	DN594B LED40/840 PSU C D200 WH WB GM	Not applicable
911401548841	DN589B LED10/830 PSD C D150 WH WB GM	1%
911401548941	DN589B LED10/840 PSD C D150 WH WB GM	1%
911401549041	DN590B LED15/840 PSD C D150 WH WB GM	1%
911401549141	DN591B LED20/830 PSD C D200 WH WB GM	1%
911401549241	DN591B LED20/840 PSD C D200 WH WB GM	1%
911401549341	DN593B LED30/840 PSD C D200 WH WB GM	1%
911401549441	DN594B LED40/840 PSD C D200 WH WB GM	1%
911401549741	DN589B LED10/830 PSU C D150 WH WB WP GM	Not applicable
911401549841	DN589B LED10/840 PSU C D150 WH WB WP GM	Not applicable
911401549941	DN590B LED15/830 PSU C D150 WH WB WP GM	Not applicable
911401550041	DN590B LED15/840 PSU C D150 WH WB WP GM	Not applicable
911401550141	DN591B LED20/830 PSU C D200 WH WB WP GM	Not applicable
911401550241	DN591B LED20/840 PSU C D200 WH WB WP GM	Not applicable
911401550341	DN593B LED30/840 PSU C D200 WH WB WP GM	Not applicable
911401551241	DN594B LED40/840 PSD C D200 WH WB WP GM	1%

## Approval and Application

Order Code	Full Product Name	Ingress protection code
911401547541	DN588B LED6/830 PSU C D125 C WH WB GM	IP20
911401547641	DN588B LED6/840 PSU C D125 C WH WB GM	IP20
911401548741	DN588B LED6/840 PSD C D125 WH WB GM	IP20
911401549541	DN588B LED6/830 PSU C D125 WH WB WP GM	IP54/20
911401549641	DN588B LED6/840 PSU C D125 WH WB WP GM	IP54/20
911401547741	DN589B LED10/830 PSU C D150 WH WB GM	IP20
911401547841	DN589B LED10/840 PSU C D150 WH WB GM	IP20
911401547941	DN590B LED15/830 PSU C D150 WH WB GM	IP20
911401548041	DN590B LED15/840 PSU C D150 WH WB GM	IP20
911401548141	DN591B LED20/830 PSU C D200 WH WB GM	IP20
911401548241	DN591B LED20/840 PSU C D200 WH WB GM	IP20
911401548341	DN593B LED30/830 PSU C D200 WH WB GM	IP20
911401548441	DN593B LED30/840 PSU C D200 WH WB GM	IP20
911401548541	DN594B LED40/830 PSU C D200 WH WB GM	IP20
911401548641	DN594B LED40/840 PSU C D200 WH WB GM	IP20

Order Code	Full Product Name	Ingress protection code
911401548841	DN589B LED10/830 PSD C D150 WH WB GM	IP20
911401548941	DN589B LED10/840 PSD C D150 WH WB GM	IP20
911401549041	DN590B LED15/840 PSD C D150 WH WB GM	IP20
911401549141	DN591B LED20/830 PSD C D200 WH WB GM	IP20
911401549241	DN591B LED20/840 PSD C D200 WH WB GM	IP20
911401549341	DN593B LED30/840 PSD C D200 WH WB GM	IP20
911401549441	DN594B LED40/840 PSD C D200 WH WB GM	IP20
911401549741	DN589B LED10/830 PSU C D150 WH WB WP GM	IP54/20
911401549841	DN589B LED10/840 PSU C D150 WH WB WP GM	IP54/20
911401549941	DN590B LED15/830 PSU C D150 WH WB WP GM	IP54/20
911401550041	DN590B LED15/840 PSU C D150 WH WB WP GM	IP54/20
911401550141	DN591B LED20/830 PSU C D200 WH WB WP GM	IP54/20
911401550241	DN591B LED20/840 PSU C D200 WH WB WP GM	IP54/20
911401550341	DN593B LED30/840 PSU C D200 WH WB WP GM	IP54/20
911401551241	DN594B LED40/840 PSD C D200 WH WB WP GM	IP54/20

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401547541	DN588B LED6/830 PSU C D125 C WH WB GM	No
911401547641	DN588B LED6/840 PSU C D125 C WH WB GM	No
911401548741	DN588B LED6/840 PSD C D125 WH WB GM	Yes
911401549541	DN588B LED6/830 PSU C D125 WH WB WP GM	No
911401549641	DN588B LED6/840 PSU C D125 WH WB WP GM	No
911401547741	DN589B LED10/830 PSU C D150 WH WB GM	No
911401547841	DN589B LED10/840 PSU C D150 WH WB GM	No
911401547941	DN590B LED15/830 PSU C D150 WH WB GM	No
911401548041	DN590B LED15/840 PSU C D150 WH WB GM	No
911401548141	DN591B LED20/830 PSU C D200 WH WB GM	No
911401548241	DN591B LED20/840 PSU C D200 WH WB GM	No
911401548341	DN593B LED30/830 PSU C D200 WH WB GM	No
911401548441	DN593B LED30/840 PSU C D200 WH WB GM	No
911401548541	DN594B LED40/830 PSU C D200 WH WB GM	No
911401548641	DN594B LED40/840 PSU C D200 WH WB GM	No

Order Code	Full Product Name	Dimmable
911401548841	DN589B LED10/830 PSD C D150 WH WB GM	Yes
911401548941	DN589B LED10/840 PSD C D150 WH WB GM	Yes
911401549041	DN590B LED15/840 PSD C D150 WH WB GM	Yes
911401549141	DN591B LED20/830 PSD C D200 WH WB GM	Yes
911401549241	DN591B LED20/840 PSD C D200 WH WB GM	Yes
911401549341	DN593B LED30/840 PSD C D200 WH WB GM	Yes
911401549441	DN594B LED40/840 PSD C D200 WH WB GM	Yes
911401549741	DN589B LED10/830 PSU C D150 WH WB WP GM	No
911401549841	DN589B LED10/840 PSU C D150 WH WB WP GM	No
911401549941	DN590B LED15/830 PSU C D150 WH WB WP GM	No
911401550041	DN590B LED15/840 PSU C D150 WH WB WP GM	No
911401550141	DN591B LED20/830 PSU C D200 WH WB WP GM	No
911401550241	DN591B LED20/840 PSU C D200 WH WB WP GM	No
911401550341	DN593B LED30/840 PSU C D200 WH WB WP GM	No
911401551241	DN594B LED40/840 PSD C D200 WH WB WP GM	Yes

General Information

Order Code	Full Product Name	Protection class IEC
911401547541	DN588B LED6/830 PSU C D125 C WH WB GM	Safety class II (II)
911401547641	DN588B LED6/840 PSU C D125 C WH WB GM	Safety class II (II)
911401548741	DN588B LED6/840 PSD C D125 WH WB GM	Safety class II (II)
911401549541	DN588B LED6/830 PSU C D125 WH WB WP GM	Safety class II (II)
911401549641	DN588B LED6/840 PSU C D125 WH WB WP GM	Safety class II (II)
911401547741	DN589B LED10/830 PSU C D150 WH WB GM	Safety class II (II)
911401547841	DN589B LED10/840 PSU C D150 WH WB GM	Safety class II (II)
911401547941	DN590B LED15/830 PSU C D150 WH WB GM	Safety class II (II)
911401548041	DN590B LED15/840 PSU C D150 WH WB GM	Safety class II (II)
911401548141	DN591B LED20/830 PSU C D200 WH WB GM	Safety class II (II)
911401548241	DN591B LED20/840 PSU C D200 WH WB GM	Safety class II (II)
911401548341	DN593B LED30/830 PSU C D200 WH WB GM	Safety class II (II)

Order Code	Full Product Name	Protection class IEC
911401548441	DN593B LED30/840 PSU C D200 WH WB GM	Safety class II (II)
911401548541	DN594B LED40/830 PSU C D200 WH WB GM	Safety class II (II)
911401548641	DN594B LED40/840 PSU C D200 WH WB GM	Safety class II (II)
911401548841	DN589B LED10/830 PSD C D150 WH WB GM	Safety class II (II)
911401548941	DN589B LED10/840 PSD C D150 WH WB GM	Safety class II (II)
911401549041	DN590B LED15/840 PSD C D150 WH WB GM	Safety class I (I)
911401549141	DN591B LED20/830 PSD C D200 WH WB GM	Safety class I (I)
911401549241	DN591B LED20/840 PSD C D200 WH WB GM	Safety class I (I)
911401549341	DN593B LED30/840 PSD C D200 WH WB GM	Safety class I (I)
911401549441	DN594B LED40/840 PSD C D200 WH WB GM	Safety class I (I)
911401549741	DN589B LED10/830 PSU C D150 WH WB WP GM	Safety class II (II)
911401549841	DN589B LED10/840 PSU C D150 WH WB WP GM	Safety class II (II)

Order Code	Full Product Name	Protection class IEC
911401549941	DN590B LED15/830 PSU C D150 WH WB WP GM	Safety class II (II)
911401550041	DN590B LED15/840 PSU C D150 WH WB WP GM	Safety class II (II)
911401550141	DN591B LED20/830 PSU C D200 WH WB WP GM	Safety class II (II)

Order Code	Full Product Name	Protection class IEC
911401550241	DN591B LED20/840 PSU C D200 WH WB WP GM	Safety class II (II)
911401550341	DN593B LED30/840 PSU C D200 WH WB WP GM	Safety class II (II)
911401551241	DN594B LED40/840 PSD C D200 WH WB WP GM	Safety class I (I)

**Initial Performance (IEC Compliant)**

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401547541	DN588B LED6/830 PSU C D125 C WH WB GM	3000 K	109 lm/W	720 lm	6.6 W
911401547641	DN588B LED6/840 PSU C D125 C WH WB GM	4000 K	114 lm/W	750 lm	6.6 W
911401548741	DN588B LED6/840 PSD C D125 WH WB GM	4000 K	114 lm/W	750 lm	6.6 W
911401549541	DN588B LED6/830 PSU C D125 WH WB WP GM	3000 K	103 lm/W	680 lm	6.6 W
911401549641	DN588B LED6/840 PSU C D125 WH WB WP GM	4000 K	108 lm/W	710 lm	6.6 W
911401547741	DN589B LED10/830 PSU C D150 WH WB GM	3000 K	118 lm/W	990 lm	8.4 W
911401547841	DN589B LED10/840 PSU C D150 WH WB GM	4000 K	125 lm/W	1050 lm	8.4 W
911401547941	DN590B LED15/830 PSU C D150 WH WB GM	3000 K	176 lm/W	1480 lm	8.4 W
911401548041	DN590B LED15/840 PSU C D150 WH WB GM	4000 K	185 lm/W	1550 lm	8.4 W
911401548141	DN591B LED20/830 PSU C D200 WH WB GM	3000 K	113 lm/W	2030 lm	18 W
911401548241	DN591B LED20/840 PSU C D200 WH WB GM	4000 K	119 lm/W	2150 lm	18 W
911401548341	DN593B LED30/830 PSU C D200 WH WB GM	3000 K	102 lm/W	3300 lm	32.5 W
911401548441	DN593B LED30/840 PSU C D200 WH WB GM	4000 K	105 lm/W	3400 lm	32.5 W
911401548541	DN594B LED40/830 PSU C D200 WH WB GM	3000 K	103 lm/W	4100 lm	39.7 W

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401548641	DN594B LED40/840 PSU C D200 WH WB GM	4000 K	108 lm/W	4300 lm	39.7 W
911401548841	DN589B LED10/830 PSD C D150 WH WB GM	3000 K	118 lm/W	990 lm	8.4 W
911401548941	DN589B LED10/840 PSD C D150 WH WB GM	4000 K	125 lm/W	1050 lm	8.4 W
911401549041	DN590B LED15/840 PSD C D150 WH WB GM	4000 K	115 lm/W	1550 lm	13.5 W
911401549141	DN591B LED20/830 PSD C D200 WH WB GM	3000 K	105 lm/W	2030 lm	19.3 W
911401549241	DN591B LED20/840 PSD C D200 WH WB GM	4000 K	111 lm/W	2150 lm	19.3 W
911401549341	DN593B LED30/840 PSD C D200 WH WB GM	4000 K	105 lm/W	3400 lm	32.5 W
911401549441	DN594B LED40/840 PSD C D200 WH WB GM	4000 K	108 lm/W	4300 lm	39.7 W
911401549741	DN589B LED10/830 PSU C D150 WH WB WP GM	3000 K	112 lm/W	940 lm	8.4 W
911401549841	DN589B LED10/840 PSU C D150 WH WB WP GM	4000 K	119 lm/W	1000 lm	8.4 W
911401549941	DN590B LED15/830 PSU C D150 WH WB WP GM	3000 K	104 lm/W	1410 lm	13.5 W
911401550041	DN590B LED15/840 PSU C D150 WH WB WP GM	4000 K	109 lm/W	1470 lm	13.5 W
911401550141	DN591B LED20/830 PSU C	3000 K	107 lm/W	1930 lm	18 W

## LuxSpace G4

Order Code	Full Product Name	Init. Corr. Colour	Initial LED luminaire efficacy	Initial luminous flux	Initial input power	Order Code	Full Product Name	Init. Corr. Colour	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
	D200 WH WB WP GM						D200 WH WB WP GM				
911401550241	DN591B LED20/840 PSU C D200 WH WB WP GM	4000 K	113 lm/W	2040 lm	18 W	911401551241	DN594B LED40/840 PSD C D200 WH WB WP GM	4000 K	103 lm/W	4090 lm	39.7 W
911401550341	DN593B LED30/840 PSU C	4000 K	99 lm/W	3230 lm	32.5 W						

