

PrevaLED COIN 50 G2

LED modules with integrated optics and heat sink



Areas of application

- Shops
- Display cabinet lighting
- Shelf lighting
- Elevators
- Hospitality, hotels, restaurants
- Corridors

Product benefits

- Best luminous efficacy in combination with OPTOTRONIC constant current ECG
- Easy and quick design-in for luminaire manufacturers
- High luminous flux
- Easy installation thanks to wiring with only two cables
- 5 year guarantee

Product features

- Fits into most existing traditional MR16 luminaires
- Available with 24° or 40° beam angle
- Versions with different luminous flux and different color temperatures available
- Cable length: 500 mm, suitable for 1.6 mm²/AWG 22 wires
- Color rendering index R_a : typ. 92 or typ. 83 (depending on version)
- Module efficacy: up to 112 lm/W
- High color consistency: 4 SDCM
- Temperature at t_p point (according to IEC 62717): 75 °C
- Maximum temperature at t_c : 95 °C (according to IEC 62717)



Product family datasheet

– Lifetime (L70/B50): 50,000 h (temperature at $T_c = 75\text{ °C}$)

Product family datasheet

Technical data

Electrical data

Product description	Nominal wattage	Rated wattage	Nominal current	Nominal voltage	Type of current
PL-CN50 -900-927-24D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.7 V	DC
PL-CN50 -900-930-24D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.7 V	DC
PL-CN50 -900-940-24D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.7 V	DC
PL-CN50 -900-927-40D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.7 V	DC
PL-CN50 -900-930-40D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.7 V	DC
PL-CN50 -900-940-40D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.7 V	DC
PL-CN50 -1200-827-24D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.6 V	DC
PL-CN50 -1200-830-24D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.6 V	DC
PL-CN50 -1200-840-24D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.6 V	DC
PL-CN50 -1200-827-40D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.6 V	DC
PL-CN50 -1200-830-40D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.6 V	DC
PL-CN50 -1200-840-40D-G2 ¹⁾	10.70 W	10.70 W	0.35 A	30.6 V	DC
PL-CN50 -1400-827-24D-G2 ¹⁾	12.80 W	12.80 W	0.35 A	36.5 V	DC
PL-CN50 -1400-830-24D-G2 ¹⁾	12.80 W	12.80 W	0.35 A	36.5 V	DC
PL-CN50 -1400-840-24D-G2 ¹⁾	12.80 W	12.80 W	0.35 A	36.5 V	DC
PL-CN50 -1400-827-40D-G2 ¹⁾	12.80 W	12.80 W	0.35 A	36.5 V	DC
PL-CN50 -1400-830-40D-G2 ¹⁾	12.80 W	12.80 W	0.35 A	36.5 V	DC
PL-CN50 -1400-840-40D-G2 ¹⁾	12.80 W	12.80 W	0.35 A	36.5 V	DC

¹⁾ Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Photometrical data

Product description	Total useful luminous flux	Luminous efficacy	Color temperature	Light color (designation)	Color rendering index Ra	Standard deviation of color matching
PL-CN50 -900-927-24D-G2 ¹⁾	830 lm	78 lm/W	2700 K	White	≥90	≤4 sdc
PL-CN50 -900-930-24D-G2 ¹⁾	830 lm	78 lm/W	3000 K	White	≥90	≤4 sdc
PL-CN50 -900-940-24D-G2 ¹⁾	900 lm	84 lm/W	4000 K	White	≥90	≤4 sdc
PL-CN50 -900-927-40D-G2 ¹⁾	830 lm	78 lm/W	2700 K	White	≥90	≤4 sdc
PL-CN50 -900-930-40D-G2 ¹⁾	830 lm	78 lm/W	3000 K	White	≥90	≤4 sdc
PL-CN50 -900-940-40D-G2 ¹⁾	900 lm	84 lm/W	4000 K	White	≥90	≤4 sdc
PL-CN50 -1200-827-24D-G2 ¹⁾	1010 lm	94 lm/W	2700 K	White	≥80	≤4 sdc
PL-CN50 -1200-830-24D-G2 ¹⁾	1100 lm	103 lm/W	3000 K	White	≥80	≤4 sdc
PL-CN50 -1200-840-24D-G2 ¹⁾	1200 lm	112 lm/W	4000 K	White	≥80	≤4 sdc
PL-CN50 -1200-827-40D-G2 ¹⁾	1010 lm	94 lm/W	2700 K	White	≥80	≤4 sdc
PL-CN50 -1200-830-40D-G2 ¹⁾	1010 lm	103 lm/W	3000 K	White	≥80	≤4 sdc
PL-CN50 -1200-840-40D-G2 ¹⁾	1200 lm	112 lm/W	4000 K	White	≥80	≤4 sdc
PL-CN50 -1400-827-24D-G2 ¹⁾	1230 lm	96 lm/W	2700 K	White	≥80	≤4 sdc
PL-CN50 -1400-830-24D-G2 ¹⁾	1340 lm	105 lm/W	3000 K	White	≥80	≤4 sdc

Product family datasheet

Product description	Total useful luminous flux	Luminous efficacy	Color temperature	Light color (designation)	Color rendering index Ra	Standard deviation of color matching
PL-CN50 -1400-840-24D-G2 ¹⁾	1460 lm	114 lm/W	4000 K	White	≥80	≤4 sdcM
PL-CN50 -1400-827-40D-G2 ¹⁾	1230 lm	96 lm/W	2700 K	White	≥80	≤4 sdcM
PL-CN50 -1400-830-40D-G2 ¹⁾	1340 lm	105 lm/W	3000 K	White	≥80	≤4 sdcM
PL-CN50 -1400-840-40D-G2 ¹⁾	1460 lm	114 lm/W	4000 K	White	≥80	≤4 sdcM

Product description	Luminous intensity	Nominal useful luminous flux 90°	Rated useful luminous flux 90°
PL-CN50 -900-927-24D-G2 ¹⁾	3320 cd	756 lm	756 lm
PL-CN50 -900-930-24D-G2 ¹⁾	3320 cd	754 lm	754 lm
PL-CN50 -900-940-24D-G2 ¹⁾	3600 cd	816 lm	816 lm
PL-CN50 -900-927-40D-G2 ¹⁾	1660 cd	761 lm	761 lm
PL-CN50 -900-930-40D-G2 ¹⁾	1660 cd	758 lm	758 lm
PL-CN50 -900-940-40D-G2 ¹⁾	1800 cd	822 lm	822 lm
PL-CN50 -1200-827-24D-G2 ¹⁾	4040 cd	892 lm	892 lm
PL-CN50 -1200-830-24D-G2 ¹⁾	4400 cd	967 lm	967 lm
PL-CN50 -1200-840-24D-G2 ¹⁾	4800 cd	1080 lm	1080 lm
PL-CN50 -1200-827-40D-G2 ¹⁾	2020 cd	907 lm	907 lm
PL-CN50 -1200-830-40D-G2 ¹⁾	2200 cd	967 lm	967 lm
PL-CN50 -1200-840-40D-G2 ¹⁾	2400 cd	1076 lm	1076 lm
PL-CN50 -1400-827-24D-G2 ¹⁾	4920 cd	1124 lm	1124 lm
PL-CN50 -1400-830-24D-G2 ¹⁾	5360 cd	1190 lm	1190 lm
PL-CN50 -1400-840-24D-G2 ¹⁾	5840 cd	1316 lm	1316 lm
PL-CN50 -1400-827-40D-G2 ¹⁾	2460 cd	1116 lm	1116 lm
PL-CN50 -1400-830-40D-G2 ¹⁾	2680 cd	1210 lm	1210 lm
PL-CN50 -1400-840-40D-G2 ¹⁾	2920 cd	1336 lm	1336 lm

¹⁾ Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Light technical data

Product description	Nominal beam angle	Rated beam angle (half peak value)	Starting time
PL-CN50 -900-927-24D-G2 ¹⁾	24 °	24.00 °	< 0.5 s
PL-CN50 -900-930-24D-G2 ¹⁾	24 °	24.00 °	< 0.5 s
PL-CN50 -900-940-24D-G2 ¹⁾	24 °	24.00 °	< 0.5 s
PL-CN50 -900-927-40D-G2 ¹⁾	40 °	40.00 °	< 0.5 s
PL-CN50 -900-930-40D-G2 ¹⁾	40 °	40.00 °	< 0.5 s
PL-CN50 -900-940-40D-G2 ¹⁾	40 °	40.00 °	< 0.5 s
PL-CN50 -1200-827-24D-G2 ¹⁾	24 °	24.00 °	< 0.5 s

Product family datasheet

Product description	Nominal beam angle	Rated beam angle (half peak value)	Starting time
PL-CN50 -1200-830-24D-G2 ¹⁾	24 °	24.00 °	< 0.5 s
PL-CN50 -1200-840-24D-G2 ¹⁾	24 °	24.00 °	< 0.5 s
PL-CN50 -1200-827-40D-G2 ¹⁾	40 °	40.00 °	< 0.5 s
PL-CN50 -1200-830-40D-G2 ¹⁾	40 °	40.00 °	< 0.5 s
PL-CN50 -1200-840-40D-G2 ¹⁾	40 °	40.00 °	< 0.5 s
PL-CN50 -1400-827-24D-G2 ¹⁾	24 °	24.00 °	< 0.5 s
PL-CN50 -1400-830-24D-G2 ¹⁾	24 °	24.00 °	< 0.5 s
PL-CN50 -1400-840-24D-G2 ¹⁾	24 °	24.00 °	< 0.5 s
PL-CN50 -1400-827-40D-G2 ¹⁾	40 °	40.00 °	< 0.5 s
PL-CN50 -1400-830-40D-G2 ¹⁾	40 °	40.00 °	< 0.5 s
PL-CN50 -1400-840-40D-G2 ¹⁾	40 °	40.00 °	< 0.5 s

¹⁾ Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

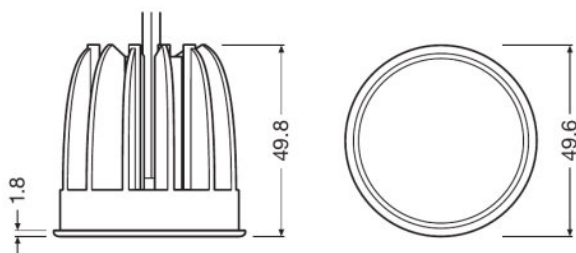
Dimensions & weight

Product description	Diameter	Rated height	Product weight
PL-CN50 -900-927-24D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -900-930-24D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -900-940-24D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -900-927-40D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -900-930-40D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -900-940-40D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1200-827-24D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1200-830-24D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1200-840-24D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1200-827-40D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1200-830-40D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1200-840-40D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1400-827-24D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1400-830-24D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1400-840-24D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1400-827-40D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1400-830-40D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g
PL-CN50 -1400-840-40D-G2 ¹⁾	49.6 mm	49.80 mm	80.00 g

¹⁾ Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product family datasheet

Product line drawing



PL-CN50 -900-927-24D-G2, PL-CN50 -900-930-24D-G2,
PL-CN50 -900-940-24D-G2, PL-CN50 -900-927-40D-G2,
PL-CN50 -900-930-40D-G2, PL-CN50 -900-940-40D-G2,
PL-CN50 -1200-827-24D-G2, PL-CN50 -1200-830-24D-G2,
PL-CN50 -1200-840-24D-G2, PL-CN50 -1200-827-40D-G2,
PL-CN50 -1200-830-40D-G2, PL-CN50 -1200-840-40D-G2,
PL-CN50 -1400-827-24D-G2, PL-CN50 -1400-830-24D-G2,
PL-CN50 -1400-840-24D-G2, PL-CN50 -1400-827-40D-G2,
PL-CN50 -1400-830-40D-G2, PL-CN50 -1400-840-40D-G2

Colors & materials

Product description	Heatsink color
PL-CN50 -900-927-24D-G2 ¹⁾	Grey
PL-CN50 -900-930-24D-G2 ¹⁾	Grey
PL-CN50 -900-940-24D-G2 ¹⁾	Grey
PL-CN50 -900-927-40D-G2 ¹⁾	Grey
PL-CN50 -900-930-40D-G2 ¹⁾	Grey
PL-CN50 -900-940-40D-G2 ¹⁾	Grey
PL-CN50 -1200-827-24D-G2 ¹⁾	Grey
PL-CN50 -1200-830-24D-G2 ¹⁾	Grey
PL-CN50 -1200-840-24D-G2 ¹⁾	Grey
PL-CN50 -1200-827-40D-G2 ¹⁾	Grey
PL-CN50 -1200-830-40D-G2 ¹⁾	Grey
PL-CN50 -1200-840-40D-G2 ¹⁾	Grey
PL-CN50 -1400-827-24D-G2 ¹⁾	Grey

Product family datasheet

Product description	Heatsink color
PL-CN50 -1400-830-24D-G2 ¹⁾	Grey
PL-CN50 -1400-840-24D-G2 ¹⁾	Grey
PL-CN50 -1400-827-40D-G2 ¹⁾	Grey
PL-CN50 -1400-830-40D-G2 ¹⁾	Grey
PL-CN50 -1400-840-40D-G2 ¹⁾	Grey

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Temperatures & operating conditions

Product description	Maximum temperature at tc test point	Ambient temperature range
PL-CN50 -900-927-24D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -900-930-24D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -900-940-24D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -900-927-40D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -900-930-40D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -900-940-40D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1200-827-24D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1200-830-24D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1200-840-24D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1200-827-40D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1200-830-40D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1200-840-40D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1400-827-24D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1400-830-24D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1400-840-24D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1400-827-40D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1400-830-40D-G2 ¹⁾	95 °C	-25...+40 °C
PL-CN50 -1400-840-40D-G2 ¹⁾	95 °C	-25...+40 °C

¹⁾ Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Lifespan

Product description	Lumen main. fact. at end of nom. life time	Lifespan	Nominal lamp life time	Rated lamp life time	Number of switching cycles
PL-CN50 -900-927-24D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -900-930-24D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -900-940-24D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -900-927-40D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -900-930-40D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000

Product family datasheet

Product description	Lumen main. fact. at end of nom. life time	Lifespan	Nominal lamp life time	Rated lamp life time	Number of switching cycles
PL-CN50 -900-940-40D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1200-827-24D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1200-830-24D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1200-840-24D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1200-827-40D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1200-830-40D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1200-840-40D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1400-827-24D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1400-830-24D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1400-840-24D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1400-827-40D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1400-830-40D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000
PL-CN50 -1400-840-40D-G2 ¹⁾	0.70	50000 h ²⁾	50000 h	50000 h	15000

¹⁾ Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

²⁾ At T_p 75 °C

Capabilities

Product description	Dimmable
PL-CN50 -900-927-24D-G2 ¹⁾	Yes
PL-CN50 -900-930-24D-G2 ¹⁾	Yes
PL-CN50 -900-940-24D-G2 ¹⁾	Yes
PL-CN50 -900-927-40D-G2 ¹⁾	Yes
PL-CN50 -900-930-40D-G2 ¹⁾	Yes
PL-CN50 -900-940-40D-G2 ¹⁾	Yes
PL-CN50 -1200-827-24D-G2 ¹⁾	Yes
PL-CN50 -1200-830-24D-G2 ¹⁾	Yes
PL-CN50 -1200-840-24D-G2 ¹⁾	Yes
PL-CN50 -1200-827-40D-G2 ¹⁾	Yes
PL-CN50 -1200-830-40D-G2 ¹⁾	Yes
PL-CN50 -1200-840-40D-G2 ¹⁾	Yes
PL-CN50 -1400-827-24D-G2 ¹⁾	Yes
PL-CN50 -1400-830-24D-G2 ¹⁾	Yes
PL-CN50 -1400-840-24D-G2 ¹⁾	Yes
PL-CN50 -1400-827-40D-G2 ¹⁾	Yes
PL-CN50 -1400-830-40D-G2 ¹⁾	Yes
PL-CN50 -1400-840-40D-G2 ¹⁾	Yes

¹⁾ Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product family datasheet

Certificates & standards

Product description	Standards	Energy efficiency class
PL-CN50 -900-927-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A
PL-CN50 -900-930-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A
PL-CN50 -900-940-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A
PL-CN50 -900-927-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A
PL-CN50 -900-930-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A
PL-CN50 -900-940-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1200-827-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1200-830-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1200-840-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1200-827-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1200-830-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1200-840-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1400-827-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1400-830-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1400-840-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1400-827-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1400-830-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+
PL-CN50 -1400-840-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE/ROHS	A+

¹⁾ Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Logistical data

Product description	Temperature range at storage
PL-CN50 -900-927-24D-G2 ¹⁾	-40...80 °C

Product family datasheet

Product description	Temperature range at storage
PL-CN50 -900-930-24D-G2 ¹⁾	-40...80 °C
PL-CN50 -900-940-24D-G2 ¹⁾	-40...80 °C
PL-CN50 -900-927-40D-G2 ¹⁾	-40...80 °C
PL-CN50 -900-930-40D-G2 ¹⁾	-40...80 °C
PL-CN50 -900-940-40D-G2 ¹⁾	-40...80 °C
PL-CN50 -1200-827-24D-G2 ¹⁾	-40...80 °C
PL-CN50 -1200-830-24D-G2 ¹⁾	-40...80 °C
PL-CN50 -1200-840-24D-G2 ¹⁾	-40...80 °C
PL-CN50 -1200-827-40D-G2 ¹⁾	-40...80 °C
PL-CN50 -1200-830-40D-G2 ¹⁾	-40...80 °C
PL-CN50 -1200-840-40D-G2 ¹⁾	-40...80 °C
PL-CN50 -1400-827-24D-G2 ¹⁾	-40...80 °C
PL-CN50 -1400-830-24D-G2 ¹⁾	-40...80 °C
PL-CN50 -1400-840-24D-G2 ¹⁾	-40...80 °C
PL-CN50 -1400-827-40D-G2 ¹⁾	-40...80 °C
PL-CN50 -1400-830-40D-G2 ¹⁾	-40...80 °C
PL-CN50 -1400-840-40D-G2 ¹⁾	-40...80 °C

¹⁾ Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see www.osram.com/led-systems/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values





Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File
 Product Family Datasheet 616326_Family Datasheet PrevaLED COIN 50 G2 (GB)
 Declarations of conformity 614608_EC-Declaration of Conformity PL-CN G2 DC
 IES data 612078_PL-CN50-G2-900-927-24D_IES
 IES data 612080_PL-CN50-G2-900-930-24D_IES

Product family datasheet

	IES data 612082_PL-CN50-G2-900-940-24D_IES
	IES data 612079_PL-CN50-G2-900-927-40D_IES
	IES data 612081_PL-CN50-G2-900-930-40D_IES
	IES data 612083_PL-CN50-G2-900-940-40D_IES
	IES data 612066_PL-CN50-G2-1200-827-24D_IES
	IES data 612068_PL-CN50-G2-1200-830-24D_IES
	IES data 612070_PL-CN50-G2-1200-840-24D_IES
	IES data 612067_PL-CN50-G2-1200-827-40D_IES
	IES data 612069_PL-CN50-G2-1200-830-40D_IES
	IES data 612071_PL-CN50-G2-1200-840-40D_IES
	IES data 612072_PL-CN50-G2-1400-827-24D_IES
	IES data 612074_PL-CN50-G2-1400-830-24D_IES
	IES data 612076_PL-CN50-G2-1400-840-24D_IES
	IES data 612073_PL-CN50-G2-1400-827-40D_IES
	IES data 612075_PL-CN50-G2-1400-830-40D_IES
	IES data 612077_PL-CN50-G2-1400-840-40D_IESNA2002

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899324145	PL-CN50 -900-927-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1976.00 g
4052899324169	PL-CN50 -900-930-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1886.00 g
4052899324183	PL-CN50 -900-940-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1880.00 g
4052899324206	PL-CN50 -900-927-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1890.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899324220	PL-CN50 -900-930-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1880.00 g
4052899324275	PL-CN50 -900-940-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1878.00 g
4052899324299	PL-CN50 -1200-827-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1883.00 g
4052899324343	PL-CN50 -1200-830-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1884.00 g
4052899324367	PL-CN50 -1200-840-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1976.00 g
4052899324381	PL-CN50 -1200-827-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1976.00 g
4052899324404	PL-CN50 -1200-830-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1888.00 g
4052899324428	PL-CN50 -1200-840-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1892.00 g
4052899324442	PL-CN50 -1400-827-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1976.00 g
4052899324466	PL-CN50 -1400-830-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1896.00 g
4052899324480	PL-CN50 -1400-840-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1876.00 g
4052899324503	PL-CN50 -1400-827-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1976.00 g
4052899324527	PL-CN50 -1400-830-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1899.00 g
4052899324541	PL-CN50 -1400-840-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	1895.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

For more information on the multi-level guarantee and the terms and conditions of the guarantee visit

▶ www.osram.com/system-guarantee

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.