

PrevaLED COIN 50 COB G2

LED modules with integrated optics and heat sink



Areas of application

- Retail, shop, restaurant, hospitality
- High-end residential
- Suitable for indoor applications
- Connecting multiple modules in parallel on one LED driver is not permitted
- Connecting multiple modules in series on one LED driver is not recommended
- Do not use in sealed fixtures
- Avoid covering the lens with dust or any object

Product family benefits

- Compatible with conventional MR16 lamps
- Precise optical control and free from multi-shadow issue
- Replaceable front cover to maximize optics flexibility and future extension
- Dual mode options in High-Output (HO) and High-Efficacy (HE)

Product family features

- Color consistency < 2 SDCM
- TM30 compliant
- High flux output up to 1500 lm
- Beam angle: 15°, 24°, 40°
- Type of protection: IP20



Technical data

Electrical data

Product description	Nominal current	Nominal voltage	Type of current	On-mode power	Energy consumption in on-mode
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	035 A	365 V	DC	12.60 W	12.6 kWh/1000h ²⁾
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	035 A	365 V	DC	12.40 W	12.4 kWh/1000h ²⁾
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	035 A	365 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	035 A	365 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	035 A	365 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	035 A	365 V	DC	12.60 W	12.6 kWh/1000h ²⁾
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	035 A	365 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	035 A	365 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	035 A	365 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	0.35 A	36.5 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	0.35 A	36.5 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	0.35 A	36.5 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	0.35 A	36.5 V	DC	12.40 W	12.4 kWh/1000h ²⁾
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	0.35 A	36.5 V	DC	12.80 W	12.8 kWh/1000h ²⁾
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	0.35 A	36.5 V	DC	12.50 W	12.5 kWh/1000h ²⁾
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	0.35 A	34.5 V	DC	11.90 W	11.9 kWh/1000h ²⁾
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	0.35 A	34.5 V	DC	12.00 W	12.0 kWh/1000h ²⁾
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	035 A	345 V	DC	11.90 W	11.9 kWh/1000h ²⁾
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	035 A	345 V	DC	12.00 W	12.0 kWh/1000h ²⁾

¹⁾ See product remark

²⁾ _

Photometrical data

Product description	Luminous efficacy	Light color (designation)	Colour consistency (McAdam ellipses)	Peak luminous intensity
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	92 lm/W	2700 K	2	4350
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	97 lm/W	3000 K	2	4350
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	100 lm/W	3500 K	2	4350
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	102 lm/W	4000 K	2	4350
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	108 lm/W	2700 K	2	4350
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	97 lm/W	3000 K	2	4350
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	119 lm/W	4000 K	2	4350
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	119 lm/W	6500 K	2	4350
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	940 lm/W	2700 K	2	2450
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	99 lm/W	3000 K	2	2450
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	102 lm/W	3500 K	2	2450
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	104 lm/W	4000 K	2	2450
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	110 lm/W	2700 K	2	2450

Product family datasheet

Product description	Luminous efficacy	Light color (designation)	Colour consistency (McAdam ellipses)	Peak luminous intensity
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	116 lm/W	3000 K	2	2450
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	122 lm/W	6500 K	2	2450
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	101 lm/W	3000 K	2	4450
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	105 lm/W	3500 K	2	4850
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	103 lm/W	3000 K	2	2500
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	107 lm/W	3500 K	2	2500

Product description	Useful luminous flux (Φ _{use})	Correlated color temperature CCT	Color rendering index Ra
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	1000 lm ²⁾	2700 K	90
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	1050 lm ²⁾	3000 K	90
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	1100 lm ²⁾	3400 K	90
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	1100 lm ²⁾	3900 K	90
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	1150 lm ²⁾	2700 K	80
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	1200 lm ²⁾	3000 K	80
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	1250 lm ²⁾	3900 K	80
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	1300 lm ²⁾	6300 K	80
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	1000 lm ²⁾	2700 K	90
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	1050 lm ²⁾	3000 K	90
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	1100 lm ²⁾	3400 K	90
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	1100 lm ²⁾	3900 K	90
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	1200 lm ²⁾	2700 K	80
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	1250 lm ²⁾	3000 K	80
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	1300 lm ²⁾	6300 K	80
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	1100 lm ²⁾	3000 K	90
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	1150 lm ²⁾	3500 K	90
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	1100 lm ²⁾	3000 K	90
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	1200 lm ²⁾	3500 K	90

¹⁾ See product remark

²⁾ 90°

Light technical data

Product description	Starting time	Warm-up time (60 %)	Beam angle
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	< 05 s	< 200 s	24 °
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	< 20 s	< 050 s	24 °
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	< 05 s	< 200 s	24 °
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	< 05 s	< 200 s	24 °

Product family datasheet

Product description	Starting time	Warm-up time (60 %)	Beam angle
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	< 05 s	< 200 s	24 °
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	< 05 s	< 200 s	24 °
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	< 05 s	< 200 s	24 °
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	< 20 s	< 200 s	24 °
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	< 05 s	< 200 s	40 °
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	< 0.5 s	< 2.00 s	40 °
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	< 0.5 s	< 2.00 s	40 °
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	< 0.5 s	< 2.00 s	40 °
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	< 0.5 s	< 2.00 s	40 °
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	< 0.5 s	< 2.00 s	40 °
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	< 0.5 s	< 2.00 s	40 °
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	< 0.5 s	< 2.00 s	24 °
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	< 0.5 s	< 2.00 s	24 °
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	< 05 s	< 200 s	40 °
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	< 05 s	< 200 s	40 °

¹⁾ See product remark

Dimensions & weight

Product description	Diameter	Product weight	Width	Length
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	50.0 mm ²⁾	90.00 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	50.0 mm ²⁾	90.00 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	50.0 mm ²⁾	90.00 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	50.0 mm ²⁾	90.00 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	50.0 mm ²⁾	90.00 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	50.0 mm ²⁾	90.00 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	50.0 mm ²⁾	90.00 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	50.0 mm ²⁾	90.00 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	500 mm ²⁾	9000 g	50.0 mm	50.0 mm

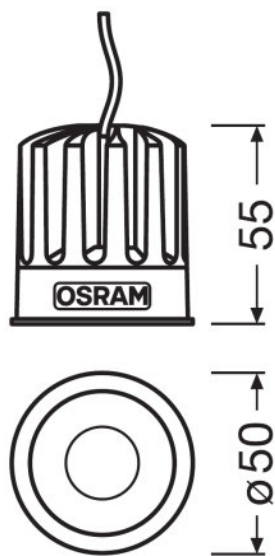
Product family datasheet

Product description	Height
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	55.0 mm
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	55.0 mm

¹⁾ See product remark

²⁾ ±0.3 mm

Product line drawing



PL-CN50-COB- 1400-927-24D-G2, PL-CN50-COB- 1400-930-24D-G2, PL-CN50-COB- 1400-935-24D-G2, PL-CN50-COB- 1400-940-24D-G2, PL-CN50-COB- 1400-827-24D-G2, PL-CN50-COB- 1400-830-24D-G2, PL-CN50-COB- 1400-840-24D-G2, PL-CN50-COB- 1400-865-24D-G2, PL-CN50-COB- 1400-927-40D-G2, PL-CN50-COB- 1400-930-40D-G2, PL-CN50-COB- 1400-935-40D-G2, PL-CN50-COB- 1400-940-40D-G2, PL-CN50-COB- 1400-827-40D-G2, PL-CN50-COB- 1400-830-40D-G2, PL-CN50-COB- 1400-865-40D-G2, PL-CN50-COB- 1400-930UW-24D-G2, PL-CN50-COB- 1400-935UW-24D-G2, PL-CN50-COB- 1400-930UW-40D-G2, PL-CN50-COB- 1400-935UW-40D-G2

Colors & materials

Product description	Heatsink color
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	Grey

Product family datasheet

Product description	Heatsink color
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	Grey
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	Grey

¹⁾ See product remark

Temperatures & operating conditions

Product description	Performance temp. acc. to IEC 62717	Maximum temperature at tc test point	Ambient temperature range	Temperature range at storage
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	70 °C	90 °C	-25...+40 °C	-40...80 °C

¹⁾ See product remark

Lifespan

Product family datasheet

Product description	Number of switching cycles	L70B50 lifetime	Lumen maintenance factor LMF
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	15000	50000 h ²⁾	96 ²⁾

1) See product remark

2) _

Additional product data

Product description	Predecessor EAN	Lighting technology used
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	4052899583627	LED
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	4052899541191	LED
PL-CN50-COB- 1400-935-24D-G2 ¹⁾		LED
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	4052899541771	LED
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	4062172049634	LED
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	4052899541870	LED
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	4052899541917	LED
PL-CN50-COB- 1400-865-24D-G2 ¹⁾		LED
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	4052899583641	LED
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	4052899541757	LED
PL-CN50-COB- 1400-935-40D-G2 ¹⁾		LED
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	4052899541818	LED
PL-CN50-COB- 1400-827-40D-G2 ¹⁾		LED
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	4052899541894	LED
PL-CN50-COB- 1400-865-40D-G2 ¹⁾		LED
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾		LED

Product family datasheet

Product description	Predecessor EAN	Lighting technology used
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾		LED
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾		LED
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾		LED

¹⁾ See product remark

Capabilities

Product description	Dimmable
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	Yes
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	Yes

¹⁾ See product remark

Certificates & standards

Product description	Standards	Energy efficiency class
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F

Product family datasheet

Product description	Standards	Energy efficiency class
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	E
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F

Product family datasheet

Product description	Standards	Energy efficiency class
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	E
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE	F

¹⁾ See product remark

Logistical data

Product description	Commodity code
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	85395100000
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	853951000000
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	853951000000
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	85395100000

¹⁾ See product remark

Environmental information

Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	20-07-2022	4052899621190	No declarable substances contained
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	20-07-2022	4052899621206	No declarable substances contained
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	20-07-2022	4052899621213	No declarable substances contained
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	20-07-2022	4052899621220	No declarable substances contained
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	20-07-2022	4052899621237	No declarable substances contained
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	20-07-2022	4052899621244	No declarable substances contained
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	20-07-2022	4052899621251	No declarable substances contained
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	20-07-2022	4052899621268	No declarable substances contained
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	20-07-2022	4052899621299	No declarable substances contained

Product family datasheet

Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	20-07-2022	4052899621305	No declarable substances contained
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	20-07-2022	4052899621312	No declarable substances contained
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	20-07-2022	4052899621329	No declarable substances contained
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	20-07-2022	4052899621336	No declarable substances contained
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	20-07-2022	4052899621343	No declarable substances contained
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	20-07-2022	4052899621367	No declarable substances contained
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	30-06-2023	4052899621275	No declarable substances contained
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	20-07-2022	4052899621282	No declarable substances contained
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	20-07-2022	4052899621374	No declarable substances contained
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	30-06-2023	4052899621381	No declarable substances contained

Product description	Declaration No. in SCIP database
PL-CN50-COB- 1400-927-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-930-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-935-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-940-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-827-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-830-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-840-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-865-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-927-40D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-930-40D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-935-40D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-940-40D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-827-40D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-830-40D-G2 ¹⁾	No declarable substances contained

Product family datasheet

Product description	Declaration No. in SCIP database
PL-CN50-COB- 1400-865-40D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-930UW-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-935UW-24D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-930UW-40D-G2 ¹⁾	No declarable substances contained
PL-CN50-COB- 1400-935UW-40D-G2 ¹⁾	No declarable substances contained

¹⁾ See product remark

Product remark

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/Tolerance for optical and electrical data: +/-10%

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	
 Certificates PL CN50 COB 1400 G2 ENEC 181121	
 CAD data PL CN50 COB G2 STEP 160321	
 CAD data PL CN50 G2 STEP 041121	
 IES data PL CN50 COB 1400 927 24D G2.1 IES 120522	
 IES data PL CN50 COB 1400 930 24D G2.1 IES 120522	

Product family datasheet

	IES data PL CN50 COB 1400 935 24D G2.1 IES 120522
	IES data PL CN50 COB 1400 940 24D G2.1 IES 120522
	IES data PL CN50 COB 1400 827 24D G2.1 IES 120522
	IES data PL CN50 COB 1400 830 24D G2.1 IES 120522
	IES data PL CN50 COB 1400 840 24D G2.1 IES 120522
	IES data PL CN50 COB 1400 865 24D G2.1 IES 120522
	IES data PL CN50 COB 1400 927 40D G2.1 IES 120522
	IES data PL CN50 COB 1400 930 40D G2.1 IES 090522
	IES data PL CN50 COB 1400 935 40D G2.1 IES 120522
	IES data PL CN50 COB 1400 940 40D G2.1 IES 120522
	IES data PL CN50 COB 1400 827 40D G2.1 IES 120522
	IES data PL CN50 COB 1400 830 40D G2.1 IES 120522
	IES data PL CN50 COB 1400 865 40D G2.1 IES 120522
	IES data PL CN50 COB 1400 930UW 24D G2.1 IES 120522
	IES data PL CN50 COB 1400 935UW 24D G2.1 IES 120522
	IES data PL CN50 COB 1400 930UW 40D G2.1 IES 120522
	IES data PL CN50 COB 1400 935UW 40D G2.1 IES 120522

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899621190	PL-CN50-COB- 1400-927-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621206	PL-CN50-COB- 1400-930-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g

Product family datasheet

Logistical Data

4052899621213	PL-CN50-COB- 1400-935-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621220	PL-CN50-COB- 1400-940-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621237	PL-CN50-COB- 1400-827-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621244	PL-CN50-COB- 1400-830-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621251	PL-CN50-COB- 1400-840-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621268	PL-CN50-COB- 1400-865-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621299	PL-CN50-COB- 1400-927-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621305	PL-CN50-COB- 1400-930-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621312	PL-CN50-COB- 1400-935-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621329	PL-CN50-COB- 1400-940-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621336	PL-CN50-COB- 1400-827-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621343	PL-CN50-COB- 1400-830-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621367	PL-CN50-COB- 1400-865-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621275	PL-CN50-COB- 1400-930UW-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621282	PL-CN50-COB- 1400-935UW-24D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621374	PL-CN50-COB- 1400-930UW-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 g
4052899621381	PL-CN50-COB- 1400-935UW-40D-G2	Shipping carton box 20	268 mm x 110 mm x 138 mm	4.07 dm ³	2156.00 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.

Disclaimer

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