# SQ 1200 4400LM PLX I CL. IP20 1192X292MM 840 (45W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 412127 |
| **Ingress protection:** | IP20 |
| **Nominal power [W]:** | 45 |
| **Luminous flux [lm]*:** | 4400 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 5 |
| **Energy efficiency class:** | E |
| **Material of the body:** | ABS |
| **Diffuser material:** | PS |

## CHARACTERISTICS

The SQ 1200 LED is a new line of rectangular raster lights. Designed from the ground up, the design introduces new solutions to ensure excellent light performance. The body is made of plastic for low weight. The diffuser provides the lamp with excellent light characteristics. Integrated LED module Ensures low power consumption and all the advantages of modern LED lamps.

Degree of protection - dependent on mounting method:
- surface-mounted - IP20,
- flush-mounted - IP44/20.

## APPLICATION

Surface-mounted luminaire with the possibility of flush-mounting in modular ceilings and in plasterboard ceilings (using a KG frame/adapter) is particularly recommended for office areas, spacious corridors and public spaces.

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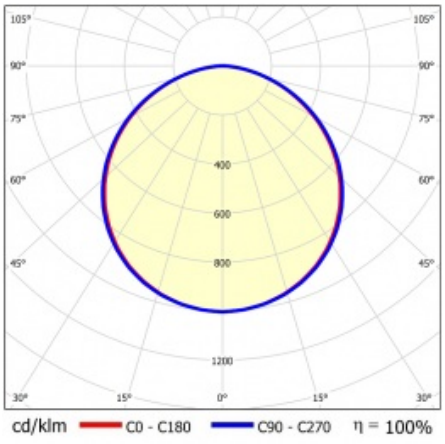
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 412127 |
| **EAN:** | 5905963412127 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 45 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous flux [lm]:** | 4400 |
| **Luminous efficacy [lm/W]:** | 92 |
| **Energy efficiency class:** | E |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 5 |
| **Power factor:** | 0.96 |
| **Beam angle [°]:** | 120 |
| **Diffuser material:** | PS |
| **Diffuser type:** | OPAL |
| **Diffuser colour:** | white |
| **Optics material:** | PMMA |
| **Optics:** | lens |
| **Material of the body:** | ABS |
| **Colour of the body:** | white |
| **Dimensions (H/W/T/S) [mm]:** | 45/291/1191 |

| | |
|---|---|
| **Mounting dimensions [mm]:** | 263/1070 |
| **Ingress protection:** | IP20 |
| **Mounting version:** | surface mounted; recessed mounted in modular ceiling possible |
| **Dimensions of single box [mm]:** | 55 |
| **Number on the palette [pcs]:** | 50 |
| **Net weight [kg]:** | 1.590 |
| **Category type:** | troffers |
| **AC voltage range [V]:** | 90-175 |
| **DC voltage range [V]:** | 198 - 264 |
| **LED lifespan L70B50 [h]:** | 50000 |
| **LED lifespan L80B10 [h]:** | 32000 |
| **LED lifespan L90B10 [h]:** | 15000 |
| **Working temperature [°C]:** | from 0 to +35 |
| **Light distribution type:** | open space |
| **ETIM class:** | EC002892 |
| **Photobiological safety:** | RG0 - exempt (no photobiological hazard) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 09/2024 |
| **Environmental Product Declaration (EPD):** | 944/2026 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

## LIGHT CURVES




Card creation date: 02 February 2026

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 09/2024

LENA LIGHTING

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