



product_datasheet_title

FL COMP V 20W 840 SYM 100 BK

FLOODLIGHT COMPACT 20W | Floodlight with up to 2000 lm light output



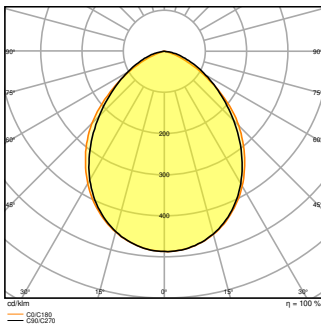
technical_data

ELECTRICAL DATA

| | |
|---|-----------------------|
| Nominal wattage | 20.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 97 mA |
| Inrush current | 6 A |
| Inrush current time T_{h50} | 1.3 μ s |
| Max. number of luminaires per miniature circuit breaker B16 | 90 |
| Max. number of luminaires per miniature circuit breaker C10 | 66 |
| Max. number of luminaires per miniature circuit breaker C16 | 105 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

PHOTOMETRICAL DATA

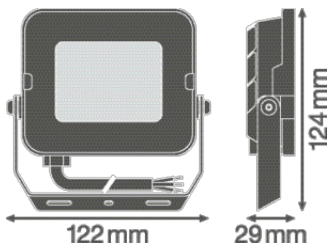
| | |
|--|----------------------|
| Luminous flux | 2000 lm |
| Luminous efficacy | 100 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | \geq 80 |
| Standard deviation of color matching | < 5 sdc _m |
| Luminous intensity | - |
| Low flicker | Yes |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG1 |
| Beam angle | 100 ° x 100 ° |



FL COMP SEN V S 20W 840 SYM
100 BK

DIMENSIONS & WEIGHT

| | |
|----------------|-----------|
| Length | 124.00 mm |
| Width | 122.00 mm |
| Height | 29.00 mm |
| Product weight | 320.00 g |
| Cable length | 1000 mm |



FL COMP V 20W SYM 100

MATERIALS & COLORS

| | |
|--|----------------|
| Product color | Black |
| Housing color | Black |
| Body material | Aluminum |
| Cover material | Tempered glass |
| Light emitting surface material | Glass |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

APPLICATION & MOUNTING

| | |
|--|-----------------|
| Ambient temperature range | -30...+45 °C |
| Temperature range at storage | -40...+70 °C |
| Type of connection | Cable, 3-pole |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK06 |
| Dimmable | no |
| Mounting type | Surface |
| Mounting location | Pole / Floor |
| Application environment | Outdoor |
| Adjustable | Yes |
| LED module replaceable | Not replaceable |
| With light source | Yes |

LIFESPAN




| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h ¹⁾ |
| Lifespan L80/B10 at 25 °C | 35000 h ¹⁾ |
| Lifespan L90/B10 at 25 °C | 25000 h |
| Number of switching cycles | 100000 |










1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

CERTIFICATES & STANDARDS

| | |
|--|---------------|
| Standards | CE / CB / EAC |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |

download_data

| | Documents and certificates | document_name |
|--|-----------------------------|-----------------------------|
|  | User instruction | FL COMP V SYM |
|  | Addon Technical Information | LSI FL COMP V |
|  | Packaging insert | Legal Insert FL COMP/SENSOR |

| Documents and certificates | | document_name |
|--|---------------------------------|------------------------------------|
|  | Declarations Of Conformity CE | FL COMP |
|  | Declarations Of Conformity UKCA | FL COMP V SYM 100 |
| Photometric and lighting design files | | document_name |
|  | IES file (IES) | FL COMP V 20W 840 SYM 100 BK |
|  | LDT file (Eulumdat) | FL COMP V 20W 840 SYM 100 BK |
|  | ULD file (DIALux) | FL COMP V 20W 840 SYM 100 BK |
|  | ROLF file (RELUX) | FL COMP V 20W 840 SYM |
|  | LDC typ polar | FL COMP SEN V S 20W 840 SYM 100 BK |
| CAD/BIM files | | document_name |
|  | BIM_Revit_3D | FL COMP |
|  | CAD_STEP_3D | FL COMP 20W |

logistical_data

| product_code | packaging_unit | dimensions | weight | volume |
|---------------|-------------------|--------------------------|-----------|----------------------|
| 4058075574779 | Folding box 1 | 52 mm x 127 mm x 112 mm | 352.00 g | 0.74 dm ³ |
| 4058075574786 | Shipping box 8 | 268 mm x 224 mm x 138 mm | 3112.00 g | 8.28 dm ³ |

logistical_data_text

additional_catalog_information

disclaimer_title

disclaimer_text