

PRIMA



... dustproof, waterproof and impact resistant, MultiLumen.

USE

It is designed for indoor spaces, **industrial premises, agricultural buildings, warehouses as well as sports facilities, transport hubs, car parks and garages, workshops and laboratories** with no explosion hazard.

Thanks to the MultiLumen function, the luminaire can be adjusted for changing lighting requirements without much effort.

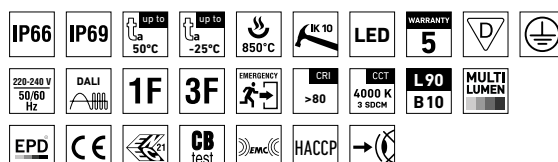
IP69-rated and HACCP-compliant, the fitting's design also makes it a great choice for the food industry.

Made of clear polycarbonate, the base and the diffuser boast **high impact and deformation resistance**.

Emissions in the environment of use may reduce the usability of the plastics; for more information see page 407.

ADVANTAGES

- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from $t_a = -25^{\circ}\text{C}$ to $t_a = 50^{\circ}\text{C}$
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High **mechanical resistance IK10**
- **Variable suspension pitch**, optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- **MultiLumen (ML)** function enables simple switching between up to four luminous fluxes via driver's DIP switch.
- Optional throughwiring (up to 7 wires inside the light fitting)
- Standard model CRI > 80: 4000 K
- On request CRI > 80: 3000 K, 5000 K, 6500 K
- CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K
- Certificates: **EPD, ENEC, CB, HACCP**

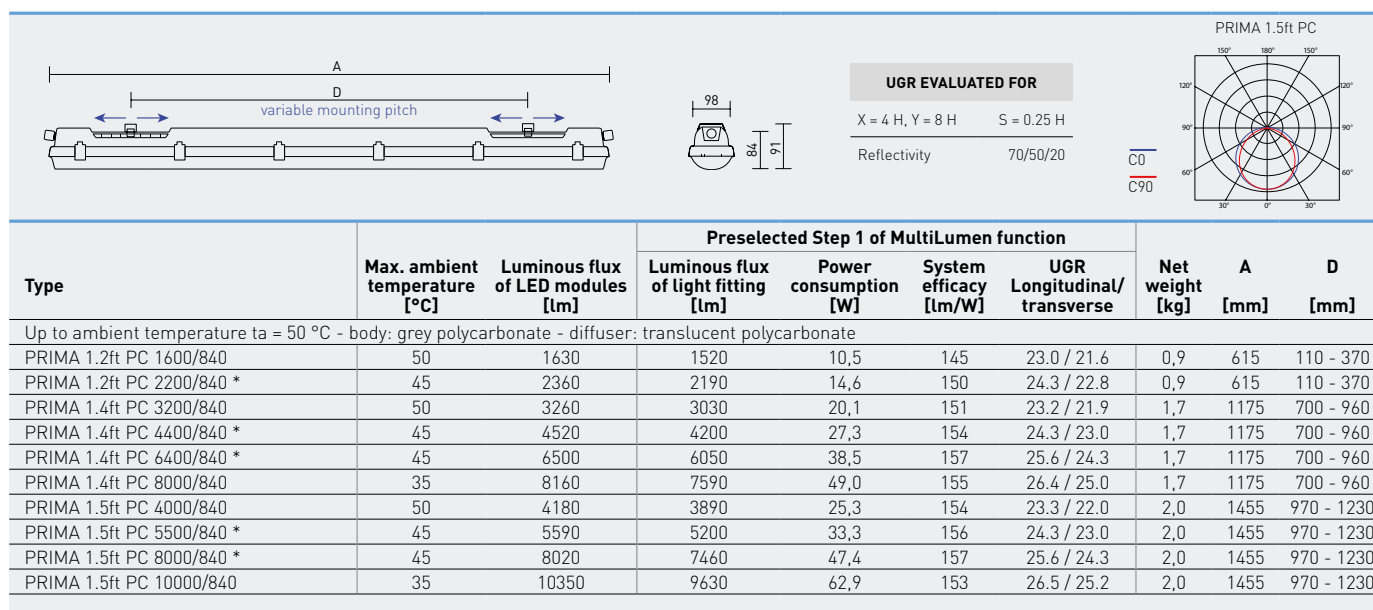


PRIMA PC, PCc



TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 50 °C**
- Maximum ambient temperature: ta = 0-40 °C for version with emergency back-up M3hAt
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- Maximum light fitting efficiency: **163 lm/W**
- **CRI > 80: 4000 K** – standard
- CRI > 80: 3000 K, 5000 K, 6500 K – on request
- CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K – on request
- **MultiLumen (ML):** luminous flux variable in up to 4 steps. In the standard version preset maximum luminous flux.
- MacAdam = 3 SDCM
- Diffuser: **translucent PC** (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical resistance, UV stability)
- Reflector: steel sheet, white colour (RAL 9003)
- **Mounting clips:** stainless steel, stainless steel hooks included
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: screwed PG 13.5
- Terminal block: screwless, three-pole (basic version), or screwed
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %



*) Also available with MultiLumen function:

| Type | MultiLumen function | | | | | | | | |
|----------------------------|-------------------------------------|-----------------------|------------------------|-------------------------------------|-----------------------|------------------------|-------------------------------------|-----------------------|------------------------|
| | Step 2 | | | Step 3 | | | Step 4 | | |
| | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] |
| PRIMA 1.2ft PC 2200/840 ML | 1900 | 13,0 | 146 | 1600 | 11,0 | 145 | 1290 | 9,1 | 142 |
| PRIMA 1.4ft PC 4400/840 ML | 3650 | 23,3 | 157 | 3080 | 19,5 | 158 | 2490 | 15,8 | 158 |
| PRIMA 1.4ft PC 6400/840 ML | 5250 | 32,8 | 160 | 4440 | 27,4 | 162 | 3600 | 22,1 | 163 |
| PRIMA 1.5ft PC 5500/840 ML | 4500 | 28,4 | 158 | 3790 | 23,6 | 161 | 3070 | 19,1 | 161 |
| PRIMA 1.5ft PC 8000/840 ML | 6480 | 40,4 | 160 | 5480 | 33,6 | 163 | 4440 | 27,2 | 163 |

PRIMA PC

| Code | Type |
|--------|----------------------------|
| 105246 | PRIMA 1.2ft PC 1600/840 |
| 105247 | PRIMA 1.2ft PC 2200/840 ML |
| 105249 | PRIMA 1.4ft PC 3200/840 |
| 105250 | PRIMA 1.4ft PC 4400/840 ML |
| 105251 | PRIMA 1.4ft PC 6400/840 ML |
| 106797 | PRIMA 1.4ft PC 8000/840 |
| 105253 | PRIMA 1.5ft PC 4000/840 |
| 105254 | PRIMA 1.5ft PC 5500/840 ML |
| 105255 | PRIMA 1.5ft PC 8000/840 ML |
| 106798 | PRIMA 1.5ft PC 10000/840 |

Non-dimmable driver - plastic clips

| | 1F | 3F | M3hAt | 3F M3hAt |
|--------|--------|--------|--------|----------|
| 105257 | 105268 | x | x | |
| 105258 | 105269 | x | x | |
| 105260 | 105271 | 108803 | 108811 | |
| 105261 | 105272 | 108804 | 108812 | |
| 105262 | 105273 | 108805 | 108813 | |
| 106799 | 106801 | x | x | |
| 105264 | 105275 | 108807 | 108815 | |
| 105265 | 105276 | 108808 | 108816 | |
| 105266 | 105277 | 108809 | 108817 | |
| 106800 | 106802 | x | x | |

PRIMA PCc

| Code | Type |
|--------|-----------------------------|
| 105311 | PRIMA 1.2ft PCc 1600/840 |
| 105312 | PRIMA 1.2ft PCc 2200/840 ML |
| 105314 | PRIMA 1.4ft PCc 3200/840 |
| 105315 | PRIMA 1.4ft PCc 4400/840 ML |
| 105316 | PRIMA 1.4ft PCc 6400/840 ML |
| 106803 | PRIMA 1.4ft PCc 8000/840 |
| 105318 | PRIMA 1.5ft PCc 4000/840 |
| 105319 | PRIMA 1.5ft PCc 5500/840 ML |
| 105320 | PRIMA 1.5ft PCc 8000/840 ML |
| 106804 | PRIMA 1.5ft PCc 10000/840 |

Non-dimmable driver - stainless clips (c)

| 1F | 3F | M3hAt | 3F M3hAt |
|--------|--------|--------|----------|
| 105322 | 105333 | x | x |
| 105323 | 105334 | x | x |
| 105325 | 105336 | 108819 | 108827 |
| 105326 | 105337 | 108820 | 108828 |
| 105327 | 105338 | 108821 | 108829 |
| 106805 | 106807 | x | x |
| 105329 | 105340 | 108823 | 108831 |
| 105330 | 105341 | 108824 | 108832 |
| 105331 | 105342 | 108825 | 108833 |
| 106806 | 106808 | x | x |

PRIMA PC DALI

| Code | Type |
|--------|-------------------------------|
| 105376 | PRIMA 1.2ft PC 1600/840 DALI |
| 105377 | PRIMA 1.2ft PC 2200/840 DALI |
| 105379 | PRIMA 1.4ft PC 3200/840 DALI |
| 105380 | PRIMA 1.4ft PC 4400/840 DALI |
| 105381 | PRIMA 1.4ft PC 6400/840 DALI |
| 106809 | PRIMA 1.4ft PC 8000/840 DALI |
| 105383 | PRIMA 1.5ft PC 4000/840 DALI |
| 105384 | PRIMA 1.5ft PC 5500/840 DALI |
| 105385 | PRIMA 1.5ft PC 8000/840 DALI |
| 106810 | PRIMA 1.5ft PC 10000/840 DALI |

Digital dimmable driver DALI - plastic clips

| 1F | 3F | M3hAt | 3F M3hAt |
|--------|--------|--------|----------|
| 105387 | x | x | x |
| 105388 | x | x | x |
| 105390 | 105401 | 108835 | 105437 |
| 105391 | 105402 | 108836 | 105438 |
| 105392 | 105403 | 108837 | 105439 |
| 106811 | 106813 | x | x |
| 105394 | 105405 | 108839 | 105441 |
| 105395 | 105406 | 108840 | 105442 |
| 105396 | 105407 | 108841 | 105443 |
| 106812 | 106814 | x | x |

PRIMA PCc DALI

| Code | Type |
|--------|--------------------------------|
| 105445 | PRIMA 1.2ft PCc 1600/840 DALI |
| 105446 | PRIMA 1.2ft PCc 2200/840 DALI |
| 105448 | PRIMA 1.4ft PCc 3200/840 DALI |
| 105449 | PRIMA 1.4ft PCc 4400/840 DALI |
| 105450 | PRIMA 1.4ft PCc 6400/840 DALI |
| 106815 | PRIMA 1.4ft PCc 8000/840 DALI |
| 105452 | PRIMA 1.5ft PCc 4000/840 DALI |
| 105453 | PRIMA 1.5ft PCc 5500/840 DALI |
| 105454 | PRIMA 1.5ft PCc 8000/840 DALI |
| 106816 | PRIMA 1.5ft PCc 10000/840 DALI |

Digital dimmable driver DALI - stainless clips (c)

| 1F | 3F | M3hAt | 3F M3hAt |
|--------|--------|--------|----------|
| 105456 | x | x | x |
| 105457 | x | x | x |
| 105459 | 105470 | 108843 | 105506 |
| 105460 | 105471 | 108844 | 105507 |
| 105461 | 105472 | 108845 | 105508 |
| 106817 | 106819 | x | x |
| 105463 | 105474 | 108847 | 105510 |
| 105464 | 105475 | 108848 | 105511 |
| 105465 | 105476 | 108849 | 105512 |
| 106818 | 106820 | x | x |

LEGEND

- 1F** - 1-phase 3 core through-wiring in the luminaire
3F - 3-phase 5 core through-wiring in the luminaire
M3hAt - emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotest
3F M3hAt - 3-phase 5 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

- DALI** - version with digital dimmable driver DALI
DALI 1F - 1-phase 5 core through-wiring in the luminaire
DALI 3F - 3-phase 7 core through-wiring in the luminaire
DALI 3F M3hAt - 3-phase 7 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

LIGHT FITTING ATTACHMENT

- a) Directly to a ceiling or a wall with the use of screws and stainless brackets
b) Suspension with the use of stainless hooks
c) Attachment with the use of side hangers to the wall - is not included in accessories



LIGHT FITTING DETAILED VIEW

PRIMA PC

