

# PRIMA

NEW



... dustproof, waterproof and impact resistant.

## USE

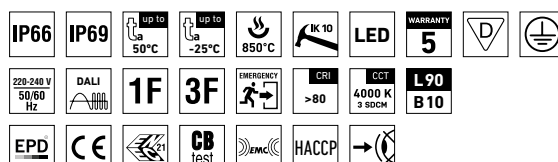
It is designed for indoor spaces, **industrial premises, agricultural buildings, warehouses as well as sports facilities, transport hubs, car parks and garages, workshops and laboratories** with no explosion hazard.

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.

## 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
- 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
- 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**

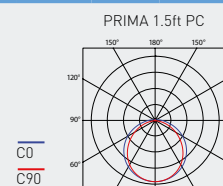
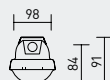
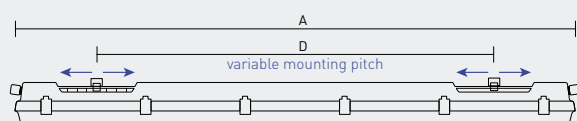


## PRIMA PC, PCc



## TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 50 °C**
- Maximum ambient temperature: ta = 0-25 °C for version with emergency back-up M1h, M3h
- Lifetime: 50 000 hours / L90B10
- 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
- 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 (standard), or rubber (SBS)
- 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 %



| Type  | Max. ambient temperature [°C] | Luminous flux of LED modules [lm] | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] | UGR Longitudinal/transverse | Net weight [kg] | A [mm] | D [mm]     |
|---|-------------------------------|-----------------------------------|-------------------------------------|-----------------------|------------------------|-----------------------------|-----------------|--------|------------|
| Up to ambient temperature ta = 50 °C - body: grey polycarbonate - diffuser: translucent polycarbonate |                               |                                   |                                     |                       |                        |                             |                 |        |            |
| PRIMA 1.2ft PC 1300/840   | 50                            | 1310                              | 1220                                | 8,2                   | 149                    | 22.2 / 21.4                 | 0,9             | 610    | 110 - 370  |
| PRIMA 1.2ft PC 1600/840   | 50                            | 1560                              | 1450                                | 9,8                   | 148                    | 22.8 / 22.0                 | 0,9             | 610    | 110 - 370  |
| PRIMA 1.2ft PC 2200/840   | 45                            | 2140                              | 1990                                | 13,2                  | 151                    | 23.9 / 23.1                 | 0,9             | 610    | 110 - 370  |
| PRIMA 1.4ft PC 2600/840   | 50                            | 2600                              | 2420                                | 16,1                  | 150                    | 22.3 / 21.5                 | 1,7             | 1170   | 700 - 960  |
| PRIMA 1.4ft PC 3200/840   | 50                            | 3100                              | 2880                                | 19,1                  | 151                    | 22.9 / 22.1                 | 1,7             | 1170   | 700 - 960  |
| PRIMA 1.4ft PC 4400/840   | 45                            | 4300                              | 4000                                | 26,0                  | 154                    | 24.1 / 23.2                 | 1,7             | 1170   | 700 - 960  |
| PRIMA 1.4ft PC 6400/840   | 45                            | 6120                              | 5690                                | 36,1                  | 158                    | 25.3 / 24.5                 | 1,7             | 1170   | 700 - 960  |
| PRIMA 1.4ft PC 8000/840   | 35                            | 8050                              | 7490                                | 47,3                  | 158                    | 26.3 / 25.4                 | 1,7             | 1170   | 700 - 960  |
| PRIMA 1.5ft PC 3250/840   | 50                            | 3240                              | 3010                                | 19,5                  | 154                    | 22.4 / 21.5                 | 2,0             | 1450   | 970 - 1230 |
| PRIMA 1.5ft PC 4000/840   | 50                            | 3850                              | 3580                                | 23,3                  | 154                    | 23.0 / 22.1                 | 2,0             | 1450   | 970 - 1230 |
| PRIMA 1.5ft PC 5500/840   | 45                            | 5340                              | 4970                                | 31,9                  | 156                    | 24.1 / 23.3                 | 2,0             | 1450   | 970 - 1230 |
| PRIMA 1.5ft PC 8000/840   | 45                            | 7780                              | 7240                                | 44,3                  | 163                    | 25.4 / 24.6                 | 2,0             | 1450   | 970 - 1230 |
| PRIMA 1.5ft PC 10000/840  | 35                            | 9890                              | 9200                                | 58,6                  | 157                    | 26.2 / 25.4                 | 2,0             | 1450   | 970 - 1230 |

## PRIMA PC

| Code   | Type                     |
|--------|--------------------------|
| 105245 | PRIMA 1.2ft PC 1300/840  |
| 105246 | PRIMA 1.2ft PC 1600/840  |
| 105247 | PRIMA 1.2ft PC 2200/840  |
| 105248 | PRIMA 1.4ft PC 2600/840  |
| 105249 | PRIMA 1.4ft PC 3200/840  |
| 105250 | PRIMA 1.4ft PC 4400/840  |
| 105251 | PRIMA 1.4ft PC 6400/840  |
| 106797 | PRIMA 1.4ft PC 8000/840  |
| 105252 | PRIMA 1.5ft PC 3250/840  |
| 105253 | PRIMA 1.5ft PC 4000/840  |
| 105254 | PRIMA 1.5ft PC 5500/840  |
| 105255 | PRIMA 1.5ft PC 8000/840  |
| 106798 | PRIMA 1.5ft PC 10000/840 |

## Non-dimmable driver - plastic clips

| 1F     | 3F     | M1h    | M3h    | 3F M1h | 3F M3h |
|--------|--------|--------|--------|--------|--------|
| 105256 | 105267 | x      | x      | x      | x      |
| 105257 | 105268 | x      | x      | x      | x      |
| 105258 | 105269 | x      | x      | x      | x      |
| 105259 | 105270 | 105278 | 105286 | 105294 | 105302 |
| 105260 | 105271 | 105279 | 105287 | 105295 | 105303 |
| 105261 | 105272 | 105280 | 105288 | 105296 | 105304 |
| 105262 | 105273 | 105281 | 105289 | 105297 | 105305 |
| 106799 | 106801 | x      | x      | x      | x      |
| 105263 | 105274 | 105282 | 105290 | 105298 | 105306 |
| 105264 | 105275 | 105283 | 105291 | 105299 | 105307 |
| 105265 | 105276 | 105284 | 105292 | 105300 | 105308 |
| 105266 | 105277 | 105285 | 105293 | 105301 | 105309 |
| 106800 | 106802 | x      | x      | x      | x      |

## PRIMA PCc

| Code   | Type                      |
|--------|---------------------------|
| 105310 | PRIMA 1.2ft PCc 1300/840  |
| 105311 | PRIMA 1.2ft PCc 1600/840  |
| 105312 | PRIMA 1.2ft PCc 2200/840  |
| 105313 | PRIMA 1.4ft PCc 2600/840  |
| 105314 | PRIMA 1.4ft PCc 3200/840  |
| 105315 | PRIMA 1.4ft PCc 4400/840  |
| 105316 | PRIMA 1.4ft PCc 6400/840  |
| 106803 | PRIMA 1.4ft PCc 8000/840  |
| 105317 | PRIMA 1.5ft PCc 3250/840  |
| 105318 | PRIMA 1.5ft PCc 4000/840  |
| 105319 | PRIMA 1.5ft PCc 5500/840  |
| 105320 | PRIMA 1.5ft PCc 8000/840  |
| 106804 | PRIMA 1.5ft PCc 10000/840 |

## Non-dimmable driver - stainless clips (c)

| 1F     | 3F     | M1h    | M3h    | 3F M1h | 3F M3h |
|--------|--------|--------|--------|--------|--------|
| 105321 | 105332 | x      | x      | x      | x      |
| 105322 | 105333 | x      | x      | x      | x      |
| 105323 | 105334 | x      | x      | x      | x      |
| 105324 | 105335 | 105343 | 105351 | 105359 | 105367 |
| 105325 | 105336 | 105344 | 105352 | 105360 | 105368 |
| 105326 | 105337 | 105345 | 105353 | 105361 | 105369 |
| 105327 | 105338 | 105346 | 105354 | 105362 | 105370 |
| 106805 | 106807 | x      | x      | x      | x      |
| 105328 | 105339 | 105347 | 105355 | 105363 | 105371 |
| 105329 | 105340 | 105348 | 105356 | 105364 | 105372 |
| 105330 | 105341 | 105349 | 105357 | 105365 | 105373 |
| 105331 | 105342 | 105350 | 105358 | 105366 | 105374 |
| 106806 | 106808 | x      | x      | x      | x      |

## PRIMA PC DALI

| Code   | Type                          |
|--------|-------------------------------|
| 105375 | PRIMA 1.2ft PC 1300/840 DALI  |
| 105376 | PRIMA 1.2ft PC 1600/840 DALI  |
| 105377 | PRIMA 1.2ft PC 2200/840 DALI  |
| 105378 | PRIMA 1.4ft PC 2600/840 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  |
| 105382 | PRIMA 1.5ft PC 3250/840 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     | M1h    | M3h    | 3F M1h | 3F M3h |
|--------|--------|--------|--------|--------|--------|
| 105386 | x      | x      | x      | x      | x      |
| 105387 | x      | x      | x      | x      | x      |
| 105388 | x      | x      | x      | x      | x      |
| 105389 | 105400 | 105408 | 105416 | 105424 | 106653 |
| 105390 | 105401 | 105409 | 105417 | 105425 | 106654 |
| 105391 | 105402 | 105410 | 105418 | 105426 | 106655 |
| 105392 | 105403 | 105411 | 105419 | 105427 | 106656 |
| 106811 | 106813 | x      | x      | x      | x      |
| 105393 | 105404 | 105412 | 105420 | 105428 | 105432 |
| 105394 | 105405 | 105413 | 105421 | 105429 | 105433 |
| 105395 | 105406 | 105414 | 105422 | 105430 | 105434 |
| 105396 | 105407 | 105415 | 105423 | 105431 | 105435 |
| 106812 | 106814 | x      | x      | x      | x      |

## PRIMA PCc DALI

| Code   | Type                           |
|--------|--------------------------------|
| 105444 | PRIMA 1.2ft PCc 1300/840 DALI  |
| 105445 | PRIMA 1.2ft PCc 1600/840 DALI  |
| 105446 | PRIMA 1.2ft PCc 2200/840 DALI  |
| 105447 | PRIMA 1.4ft PCc 2600/840 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  |
| 105451 | PRIMA 1.5ft PCc 3250/840 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     | M1h    | M3h    | 3F M1h | 3F M3h |
|--------|--------|--------|--------|--------|--------|
| 105455 | x      | x      | x      | x      | x      |
| 105456 | x      | x      | x      | x      | x      |
| 105457 | x      | x      | x      | x      | x      |
| 105458 | 105469 | 105477 | 105485 | 105493 | 106657 |
| 105459 | 105470 | 105478 | 105486 | 105494 | 106658 |
| 105460 | 105471 | 105479 | 105487 | 105495 | 106659 |
| 105461 | 105472 | 105480 | 105488 | 105496 | 106660 |
| 106817 | 106819 | x      | x      | x      | x      |
| 105462 | 105473 | 105481 | 105489 | 105497 | 105501 |
| 105463 | 105474 | 105482 | 105490 | 105498 | 105502 |
| 105464 | 105475 | 105483 | 105491 | 105499 | 105503 |
| 105465 | 105476 | 105484 | 105492 | 105500 | 105504 |
| 106818 | 106820 | x      | x      | x      | x      |

## LEGEND

|               |  |
|---------------|--|
| <b>1F</b>     | 1-phase 3 core through-wiring in the luminaire   |
| <b>3F</b>     | 3-phase 5 core through-wiring in the luminaire   |
| <b>M1h</b>    | emergency back-up source with 1 hour operating time for maintained emergency illumination              |
| <b>M3h</b>    | emergency back-up source with 3 hour operating time for maintained emergency illumination              |
| <b>3F Mxh</b> | 3-phase 5 core through-wiring in the luminaire<br>(L3 used for emergency unit unswitched power supply) |

|                    |  |
|--------------------|--|
| <b>DALI</b>        | version with digital dimmable driver DALI  |
| <b>DALI 1F</b>     | 1-phase 5 core through-wiring in the luminaire   |
| <b>DALI 3F</b>     | 3-phase 7 core through-wiring in the luminaire   |
| <b>DALI 3F Mxh</b> | 3-phase 7 core through-wiring in the luminaire<br>(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

