PRIMA CLASS II



... class II insulation, impact resistant.

USE

The fixture is intended for indoor spaces, **industrial and agricultural buildings, warehouses, rail vehicle maintenance facilities, platforms, substations, depots, car parks, 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; for more information see page 421.

ADVANTAGES

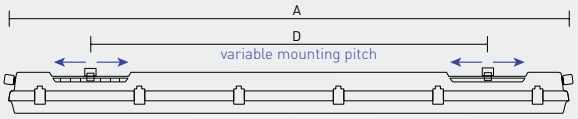
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from ta = -25 °C to **ta = 50 °C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High **mechanical resistance IK10**
- **Variable suspension pitch,** optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- Optional throughwiring (up to 6 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: **HACCP**

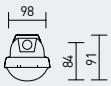
PRIMA CLASS II PC, PCc



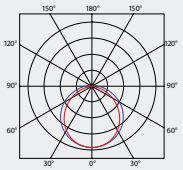
TECHNICAL DESCRIPTION

- 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: **157 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
- **External terminal block** 2 or 4-pole, conductor cross-sectional area: 1.5 or 2.5 mm^2, or 6-pole Wieland connector (DALI 3F)
- The package includes the opposite of the counterpart
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %





PRIMA 1.5ft CLASS II



Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]	A [mm]	D [mm]
Up to ambient temperature ta = 50 °C - body: grey polycarbonate - diffuser: translucent polycarbonate								
PRIMA 1.2ft CLASS II PC 1600/840	50	1630	1520	10,5	145	0,9	615	110 - 370
PRIMA 1.2ft CLASS II PC 2200/840	45	2360	2190	14,6	150	0,9	615	110 - 370
PRIMA 1.4ft CLASS II PC 3200/840	50	3260	3030	20,1	151	1,7	1175	700 - 960
PRIMA 1.4ft CLASS II PC 4400/840	45	4520	4200	27,3	154	1,7	1175	700 - 960
PRIMA 1.4ft CLASS II PC 6400/840	45	6500	6050	38,5	157	1,7	1175	700 - 960
PRIMA 1.5ft CLASS II PC 4000/840	50	4180	3890	25,3	154	2,0	1455	970 - 1230
PRIMA 1.5ft CLASS II PC 5500/840	45	5590	5200	33,3	156	2,0	1455	970 - 1230
PRIMA 1.5ft CLASS II PC 8000/840	45	8020	7460	47,4	157	2,0	1455	970 - 1230

PRIMA CLASS II PC

Non-dimmable driver - plastic clips

Code	Type	1F	3F	M3hAt	3F M3hAt
106118	PRIMA 1.2ft CLASS II PC 1600/840	106129	106140	x	x
106119	PRIMA 1.2ft CLASS II PC 2200/840	106130	106141	x	x
106121	PRIMA 1.4ft CLASS II PC 3200/840	106132	106143	108963	108971
106122	PRIMA 1.4ft CLASS II PC 4400/840	106133	106144	108964	108972
106123	PRIMA 1.4ft CLASS II PC 6400/840	106134	106145	108965	108973
106125	PRIMA 1.5ft CLASS II PC 4000/840	106136	106147	108967	108975
106126	PRIMA 1.5ft CLASS II PC 5500/840	106137	106148	108968	108976
106127	PRIMA 1.5ft CLASS II PC 8000/840	106138	106149	108969	108977

PRIMA CLASS II PCc

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
106183	PRIMA 1.2ft CLASS II PCc 1600/840	106194	106205	x	x
106184	PRIMA 1.2ft CLASS II PCc 2200/840	106195	106206	x	x
106186	PRIMA 1.4ft CLASS II PCc 3200/840	106197	106208	108979	108987
106187	PRIMA 1.4ft CLASS II PCc 4400/840	106198	106209	108980	108988
106188	PRIMA 1.4ft CLASS II PCc 6400/840	106199	106210	108981	108989
106190	PRIMA 1.5ft CLASS II PCc 4000/840	106201	106212	108983	108991
106191	PRIMA 1.5ft CLASS II PCc 5500/840	106202	106213	108984	108992
106192	PRIMA 1.5ft CLASS II PCc 8000/840	106203	106214	108985	108993

PRIMA CLASS II PC DALI

Digital dimmable driver DALI - plastic clips

Code	Type	1F	3F	M3hAt	3F M3hAt
106248	PRIMA 1.2ft CLASS II PC 1600/840 DALI	106259	x	x	x
106249	PRIMA 1.2ft CLASS II PC 2200/840 DALI	106260	x	x	x
106251	PRIMA 1.4ft CLASS II PC 3200/840 DALI	106262	106273	108995	106309
106252	PRIMA 1.4ft CLASS II PC 4400/840 DALI	106263	106274	108996	106310
106253	PRIMA 1.4ft CLASS II PC 6400/840 DALI	106264	106275	108997	106311
106255	PRIMA 1.5ft CLASS II PC 4000/840 DALI	106266	106277	108999	106313
106256	PRIMA 1.5ft CLASS II PC 5500/840 DALI	106267	106278	109000	106314
106257	PRIMA 1.5ft CLASS II PC 8000/840 DALI	106268	106279	109001	106315

PRIMA CLASS II PCc DALI

Digital dimmable driver DALI - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
106317	PRIMA 1.2ft CLASS II PCc 1600/840 DALI	106328	x	x	x
106318	PRIMA 1.2ft CLASS II PCc 2200/840 DALI	106329	x	x	x
106320	PRIMA 1.4ft CLASS II PCc 3200/840 DALI	106331	106342	109003	106378
106321	PRIMA 1.4ft CLASS II PCc 4400/840 DALI	106332	106343	109004	106379
106322	PRIMA 1.4ft CLASS II PCc 6400/840 DALI	106333	106344	109005	106380
106324	PRIMA 1.5ft CLASS II PCc 4000/840 DALI	106335	106346	109007	106382
106325	PRIMA 1.5ft CLASS II PCc 5500/840 DALI	106336	106347	109008	106383
106326	PRIMA 1.5ft CLASS II PCc 8000/840 DALI	106337	106348	109009	106384

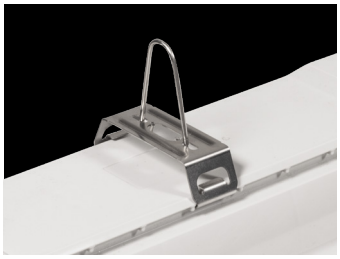
LEGEND

1F - 1-phase 2 core through-wiring in the luminaire
3F - 3-phase 4 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 4 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 4 core through-wiring in the luminaire
DALI 3F - 3-phase 6 core through-wiring in the luminaire
DALI 3F M3hAt - 3-phase 6 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 CLASS II PC

