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 421.

ADVANTAGES

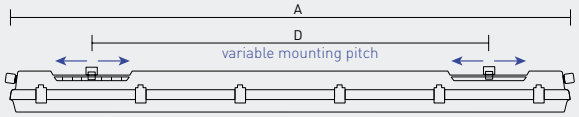
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from ta = -25°C to **ta = 50°C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High **mechanical resistance IK10**
- **Variable suspension pitch,** optional installation of light fitting even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

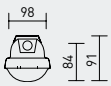
PRIMA PC, PCc

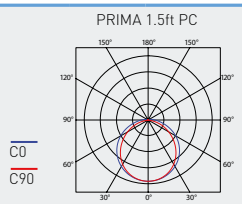


TECHNICAL DESCRIPTION

- 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 %







Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Preselected Step 1 of MultiLumen function			Net weight [kg]	A [mm]	D [mm]
			Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]			
Up to ambient temperature ta = 50 °C - body: grey polycarbonate - diffuser: translucent polycarbonate								
PRIMA 1.2ft PC 1600/840	50	1630	1520	10,5	145	0,9	615	110 - 370
PRIMA 1.2ft PC 2200/840 *	45	2360	2190	14,6	150	0,9	615	110 - 370
PRIMA 1.4ft PC 3200/840	50	3260	3030	20,1	151	1,7	1175	700 - 960
PRIMA 1.4ft PC 4400/840 *	45	4520	4200	27,3	154	1,7	1175	700 - 960
PRIMA 1.4ft PC 6400/840 *	45	6500	6050	38,5	157	1,7	1175	700 - 960
PRIMA 1.4ft PC 8000/840	35	8160	7590	49,0	155	1,7	1175	700 - 960
PRIMA 1.5ft PC 4000/840	50	4180	3890	25,3	154	2,0	1455	970 - 1230
PRIMA 1.5ft PC 5500/840 *	45	5590	5200	33,3	156	2,0	1455	970 - 1230
PRIMA 1.5ft PC 8000/840 *	45	8020	7460	47,4	157	2,0	1455	970 - 1230
PRIMA 1.5ft PC 10000/840	35	10350	9630	62,9	153	2,0	1455	970 - 1230

*) 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	Non-dimmable driver - plastic clips			
		1F	3F	M3hAt	3F M3hAt
105246	PRIMA 1.2ft PC 1600/840	105257	105268	x	x
105247	PRIMA 1.2ft PC 2200/840 ML	105258	105269	x	x
105249	PRIMA 1.4ft PC 3200/840	105260	105271	108803	108811
105250	PRIMA 1.4ft PC 4400/840 ML	105261	105272	108804	108812
105251	PRIMA 1.4ft PC 6400/840 ML	105262	105273	108805	108813
106797	PRIMA 1.4ft PC 8000/840	106799	106801	x	x
105253	PRIMA 1.5ft PC 4000/840	105264	105275	108807	108815
105254	PRIMA 1.5ft PC 5500/840 ML	105265	105276	108808	108816
105255	PRIMA 1.5ft PC 8000/840 ML	105266	105277	108809	108817
106798	PRIMA 1.5ft PC 10000/840	106800	106802	x	x

PRIMA PCc

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
105311	PRIMA 1.2ft PCc 1600/840	105322	105333	x	x
105312	PRIMA 1.2ft PCc 2200/840 ML	105323	105334	x	x
105314	PRIMA 1.4ft PCc 3200/840	105325	105336	108819	108827
105315	PRIMA 1.4ft PCc 4400/840 ML	105326	105337	108820	108828
105316	PRIMA 1.4ft PCc 6400/840 ML	105327	105338	108821	108829
106803	PRIMA 1.4ft PCc 8000/840	106805	106807	x	x
105318	PRIMA 1.5ft PCc 4000/840	105329	105340	108823	108831
105319	PRIMA 1.5ft PCc 5500/840 ML	105330	105341	108824	108832
105320	PRIMA 1.5ft PCc 8000/840 ML	105331	105342	108825	108833
106804	PRIMA 1.5ft PCc 10000/840	106806	106808	x	x

PRIMA PC DALI

Digital dimmable driver DALI - plastic clips

Code	Type	1F	3F	M3hAt	3F M3hAt
105376	PRIMA 1.2ft PC 1600/840 DALI	105387	x	x	x
105377	PRIMA 1.2ft PC 2200/840 DALI	105388	x	x	x
105379	PRIMA 1.4ft PC 3200/840 DALI	105390	105401	108835	105437
105380	PRIMA 1.4ft PC 4400/840 DALI	105391	105402	108836	105438
105381	PRIMA 1.4ft PC 6400/840 DALI	105392	105403	108837	105439
106809	PRIMA 1.4ft PC 8000/840 DALI	106811	106813	x	x
105383	PRIMA 1.5ft PC 4000/840 DALI	105394	105405	108839	105441
105384	PRIMA 1.5ft PC 5500/840 DALI	105395	105406	108840	105442
105385	PRIMA 1.5ft PC 8000/840 DALI	105396	105407	108841	105443
106810	PRIMA 1.5ft PC 10000/840 DALI	106812	106814	x	x

PRIMA PCc DALI

Digital dimmable driver DALI - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
105445	PRIMA 1.2ft PCc 1600/840 DALI	105456	x	x	x
105446	PRIMA 1.2ft PCc 2200/840 DALI	105457	x	x	x
105448	PRIMA 1.4ft PCc 3200/840 DALI	105459	105470	108843	105506
105449	PRIMA 1.4ft PCc 4400/840 DALI	105460	105471	108844	105507
105450	PRIMA 1.4ft PCc 6400/840 DALI	105461	105472	108845	105508
106815	PRIMA 1.4ft PCc 8000/840 DALI	106817	106819	x	x
105452	PRIMA 1.5ft PCc 4000/840 DALI	105463	105474	108847	105510
105453	PRIMA 1.5ft PCc 5500/840 DALI	105464	105475	108848	105511
105454	PRIMA 1.5ft PCc 8000/840 DALI	105465	105476	108849	105512
106816	PRIMA 1.5ft PCc 10000/840 DALI	106818	106820	x	x

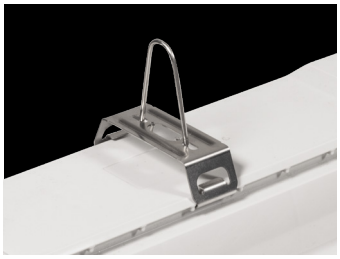
LEGEND

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

