PRIMA TRS



... exceptionally low UGR, impact resistant, MultiLumen.

USE

Compared to its basic version, **fully transparent** PRIMA TRS boasts considerably **lower UGR values**.

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; for more information see page 421.

ADVANTAGES

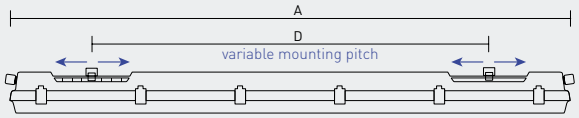
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from ta = -25°C to **ta = 50°C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High **mechanical resistance IK10**
- **Variable suspension pitch,** optional installation of light fitting even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

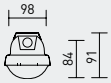
PRIMA TRS PC, PCc



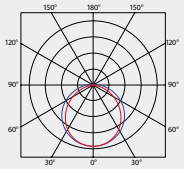
TECHNICAL DESCRIPTION

- 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: **165 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: **transparent 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 %





PRIMA 1.5ft TRS



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: transparent polycarbonate - diffuser: translucent polycarbonate								
PRIMA 1.2ft TRS PC 1600/840	50	1630	1530	10,5	146	0,9	615	110 - 370
PRIMA 1.2ft TRS PC 2200/840 *	45	2360	2220	14,6	152	0,9	615	110 - 370
PRIMA 1.4ft TRS PC 3200/840	50	3260	3060	20,1	152	1,7	1175	700 - 960
PRIMA 1.4ft TRS PC 4400/840 *	45	4520	4250	27,3	156	1,7	1175	700 - 960
PRIMA 1.4ft TRS PC 6400/840 *	45	6500	6110	38,5	159	1,7	1175	700 - 960
PRIMA 1.4ft TRS PC 8000/840	35	8160	7670	49,0	157	1,7	1175	700 - 960
PRIMA 1.5ft TRS PC 4000/840	50	4180	3930	25,3	155	2,0	1455	970 - 1230
PRIMA 1.5ft TRS PC 5500/840 *	45	5590	5250	33,3	158	2,0	1455	970 - 1230
PRIMA 1.5ft TRS PC 8000/840 *	45	8020	7540	47,4	159	2,0	1455	970 - 1230
PRIMA 1.5ft TRS PC 10000/840	35	10350	9730	62,9	155	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 TRS PC 2200/840 ML	1920	13,0	148	1620	11,0	147	1310	9,1	144
PRIMA 1.4ft TRS PC 4400/840 ML	3680	23,3	158	3110	19,5	159	2520	15,8	159
PRIMA 1.4ft TRS PC 6400/840 ML	5300	32,8	162	4480	27,4	164	3640	22,1	165
PRIMA 1.5ft TRS PC 5500/840 ML	4550	28,4	160	3840	23,6	163	3100	19,1	162
PRIMA 1.5ft TRS PC 8000/840 ML	6550	40,4	162	5540	33,6	165	4480	27,2	165

PRIMA TRS PC

Code	Type	Non-dimmable driver - plastic clips			
		1F	3F	M3hAt	3F M3hAt
104978	PRIMA 1.2ft TRS PC 1600/840	104989	105000	x	x
104979	PRIMA 1.2ft TRS PC 2200/840 ML	104990	105001	x	x
104981	PRIMA 1.4ft TRS PC 3200/840	104992	105003	108755	108763
104982	PRIMA 1.4ft TRS PC 4400/840 ML	104993	105004	108756	108764
104983	PRIMA 1.4ft TRS PC 6400/840 ML	104994	105005	108757	108765
106773	PRIMA 1.4ft TRS PC 8000/840	106775	106777	x	x
104985	PRIMA 1.5ft TRS PC 4000/840	104996	105007	108759	108767
104986	PRIMA 1.5ft TRS PC 5500/840 ML	104997	105008	108760	108768
104987	PRIMA 1.5ft TRS PC 8000/840 ML	104998	105009	108761	108769
106774	PRIMA 1.5ft TRS PC 10000/840	106776	106778	x	x

PRIMA TRS PCc

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
105043	PRIMA 1.2ft TRS PCc 1600/840	105054	105065	x	x
105044	PRIMA 1.2ft TRS PCc 2200/840 ML	105055	105066	x	x
105046	PRIMA 1.4ft TRS PCc 3200/840	105057	105068	108771	108779
105047	PRIMA 1.4ft TRS PCc 4400/840 ML	105058	105069	108772	108780
105048	PRIMA 1.4ft TRS PCc 6400/840 ML	105059	105070	108773	108781
106779	PRIMA 1.4ft TRS PCc 8000/840	106781	106783	x	x
105050	PRIMA 1.5ft TRS PCc 4000/840	105061	105072	108775	108783
105051	PRIMA 1.5ft TRS PCc 5500/840 ML	105062	105073	108776	108784
105052	PRIMA 1.5ft TRS PCc 8000/840 ML	105063	105074	108777	108785
106780	PRIMA 1.5ft TRS PCc 10000/840	106782	106784	x	x

PRIMA TRS PC DALI

Digital dimmable driver DALI - plastic clips

Code	Type	1F	3F	M3hAt	3F M3hAt
105108	PRIMA 1.2ft TRS PC 1600/840 DALI	105119	x	x	x
105109	PRIMA 1.2ft TRS PC 2200/840 DALI	105120	x	x	x
105111	PRIMA 1.4ft TRS PC 3200/840 DALI	105122	105133	108787	105169
105112	PRIMA 1.4ft TRS PC 4400/840 DALI	105123	105134	108788	105170
105113	PRIMA 1.4ft TRS PC 6400/840 DALI	105124	105135	108789	105171
106785	PRIMA 1.4ft TRS PC 8000/840 DALI	106787	106789	x	x
105115	PRIMA 1.5ft TRS PC 4000/840 DALI	105126	105137	108791	105173
105116	PRIMA 1.5ft TRS PC 5500/840 DALI	105127	105138	108792	105174
105117	PRIMA 1.5ft TRS PC 8000/840 DALI	105128	105139	108793	105175
106786	PRIMA 1.5ft TRS PC 10000/840 DALI	106788	106790	x	x

PRIMA TRS PCc DALI

Digital dimmable driver DALI - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
105177	PRIMA 1.2ft TRS PCc 1600/840 DALI	105188	x	x	x
105178	PRIMA 1.2ft TRS PCc 2200/840 DALI	105189	x	x	x
105180	PRIMA 1.4ft TRS PCc 3200/840 DALI	105191	105202	108795	105238
105181	PRIMA 1.4ft TRS PCc 4400/840 DALI	105192	105203	108796	105239
105182	PRIMA 1.4ft TRS PCc 6400/840 DALI	105193	105204	108797	105240
106791	PRIMA 1.4ft TRS PCc 8000/840 DALI	106793	106795	x	x
105184	PRIMA 1.5ft TRS PCc 4000/840 DALI	105195	105206	108799	105242
105185	PRIMA 1.5ft TRS PCc 5500/840 DALI	105196	105207	108800	105243
105186	PRIMA 1.5ft TRS PCc 8000/840 DALI	105197	105208	108801	105244
106792	PRIMA 1.5ft TRS PCc 10000/840 DALI	106794	106796	x	x

LEGEND

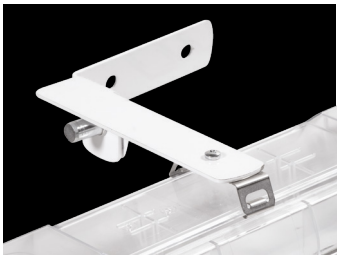
1F - 1-phase 3 core through-wiring in the luminaire
3F - 3-phase 5 core through-wiring in the luminaire
M3hAt - emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotest
3F M3hAt - 3-phase 5 core through-wiring in the luminaire (L3 used for emergency 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 TRS PC

