PRIMA SR ABS

NEW



... sulphur resistant, chemically resistant, MultiLumen.

USE

In addition to indoor spaces, it is designed for agricultural buildings and other spaces with chemically aggressive environments due to ammonia fumes, lye fumes, alkali and hot water (hydrolysis).

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

The fitting is primarily intended for large **agricultural premises and industrial halls such as farms, stables, production plants and warehouses, car washes and laboratories** with no explosion hazard.

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

The fitting´s base and diffuser are made of ABS resulting in their **exceptional chemical resistance**.

Emissions in the environment of use may reduce the usability of the plastics.

ADVANTAGES

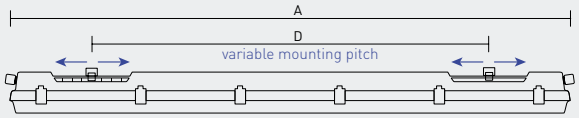
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from ta = -25 °C to **ta = 50 °C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- **Variable suspension pitch,** optional installation of light fitting even on an existing structure on which the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

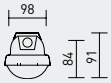
PRIMA SR ABS, ABSc



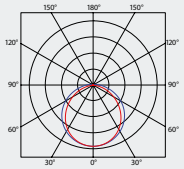
TECHNICAL DESCRIPTION

- 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: **173 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 AC (high chemical resistance, UV stability)
- Body: dark grey ABS (high chemical 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 ABS



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: dark grey ABS - diffuser: translucent acrylate								
PRIMA 1.2ft SR ABS 1600/840	50	1790	1630	10,9	150	0,9	615	110 - 370
PRIMA 1.2ft SR ABS 2200/840 *	45	2470	2250	14,9	151	0,9	615	110 - 370
PRIMA 1.4ft SR ABS 3200/840	50	3430	3120	19,2	163	1,7	1175	700 - 960
PRIMA 1.4ft SR ABS 4400/840 *	45	4710	4290	26,9	159	1,7	1175	700 - 960
PRIMA 1.4ft SR ABS 6400/840 *	45	6750	6140	37,9	162	1,7	1175	700 - 960
PRIMA 1.5ft SR ABS 4000/840	50	4270	3890	23,4	166	2,0	1455	970 - 1230
PRIMA 1.5ft SR ABS 5500/840 *	45	5850	5320	32,9	162	2,0	1455	970 - 1230
PRIMA 1.5ft SR ABS 8000/840 *	45	8450	7690	46,4	166	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 SR ABS 2200/840 ML	1940	12,8	152	1630	10,9	150	1320	9,0	147
PRIMA 1.4ft SR ABS 4400/840 ML	3700	23,0	161	3120	19,2	163	2510	15,6	161
PRIMA 1.4ft SR ABS 6400/840 ML	5310	32,3	164	4470	26,8	167	3600	22,0	164
PRIMA 1.5ft SR ABS 5500/840 ML	4600	28,0	164	3890	23,4	166	3130	18,9	166
PRIMA 1.5ft SR ABS 8000/840 ML	6640	39,4	169	5600	32,7	171	4510	26,0	173

PRIMA SR ABS

Non-dimmable driver - plastic clips

Code	Type	1F	3F	M3hAt	3F M3hAt
112149	PRIMA 1.2ft SR ABS 1600/840	112157	112165	x	x
112150	PRIMA 1.2ft SR ABS 2200/840 ML	112158	112166	x	x
112151	PRIMA 1.4ft SR ABS 3200/840	112159	112167	112173	112179
112152	PRIMA 1.4ft SR ABS 4400/840 ML	112160	112168	112174	112180
112153	PRIMA 1.4ft SR ABS 6400/840 ML	112161	112169	112175	112181
112154	PRIMA 1.5ft SR ABS 4000/840	112162	112170	112176	112182
112155	PRIMA 1.5ft SR ABS 5500/840 ML	112163	112171	112177	112183
112156	PRIMA 1.5ft SR ABS 8000/840 ML	112164	112172	112178	112184

PRIMA SR ABSc

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M3hAt	3F M3hAt
112219	PRIMA 1.2ft SR ABSc 1600/840	112227	112235	x	x
112220	PRIMA 1.2ft SR ABSc 2200/840 ML	112228	112236	x	x
112221	PRIMA 1.4ft SR ABSc 3200/840	112229	112237	112243	112249
112222	PRIMA 1.4ft SR ABSc 4400/840 ML	112230	112238	112244	112250
112223	PRIMA 1.4ft SR ABSc 6400/840 ML	112231	112239	112245	112251
112224	PRIMA 1.5ft SR ABSc 4000/840	112232	112240	112246	112252
112225	PRIMA 1.5ft SR ABSc 5500/840 ML	112233	112241	112247	112253
112226	PRIMA 1.5ft SR ABSc 8000/840 ML	112234	112242	112248	112254

PRIMA SR ABS DALI

Digital dimmable driver DALI - plastic clips

Code	Type	1F	3F	M3hAt	3F M3hAt
112185	PRIMA 1.2ft SR ABS 1600/840 DALI	112193	x	x	x
112186	PRIMA 1.2ft SR ABS 2200/840 DALI	112194	x	x	x
112187	PRIMA 1.4ft SR ABS 3200/840 DALI	112195	112201	112207	112213
112188	PRIMA 1.4ft SR ABS 4400/840 DALI	112196	112202	112208	112214
112189	PRIMA 1.4ft SR ABS 6400/840 DALI	112197	112203	112209	112215
112190	PRIMA 1.5ft SR ABS 4000/840 DALI	112198	112204	112210	112216
112191	PRIMA 1.5ft SR ABS 5500/840 DALI	112199	112205	112211	112217
112192	PRIMA 1.5ft SR ABS 8000/840 DALI	112200	112206	112212	112218

PRIMA SR ABSc DALI

Digital dimmable driver DALI - stainless clips (c)

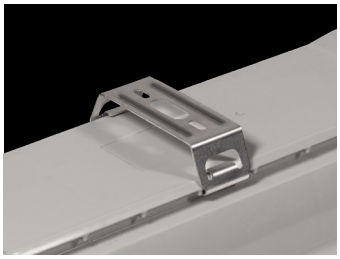
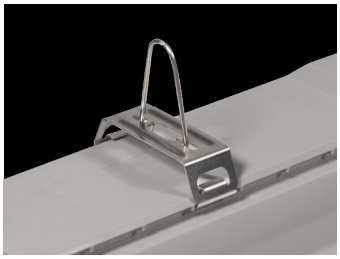
Code	Type	1F	3F	M3hAt	3F M3hAt
112255	PRIMA 1.2ft SR ABSc 1600/840 DALI	112263	x	x	x
112256	PRIMA 1.2ft SR ABSc 2200/840 DALI	112264	x	x	x
112257	PRIMA 1.4ft SR ABSc 3200/840 DALI	112265	112271	112277	112283
112258	PRIMA 1.4ft SR ABSc 4400/840 DALI	112266	112272	112278	112284
112259	PRIMA 1.4ft SR ABSc 6400/840 DALI	112267	112273	112279	112285
112260	PRIMA 1.5ft SR ABSc 4000/840 DALI	112268	112274	112280	112286
112261	PRIMA 1.5ft SR ABSc 5500/840 DALI	112269	112275	112281	112287
112262	PRIMA 1.5ft SR ABSc 8000/840 DALI	112270	112276	112282	112288

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 SR ABS

