

# PRIMA LED ABS



... dustproof, waterproof and chemically resistant.

## USE

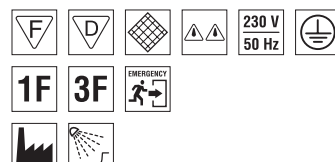
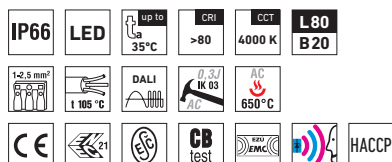
The light fitting is suitable for the environment where ammoniac fumes, lixivants, alkaline compounds and hot water (hydrolyses) can be present. We recommend this light fitting for agricultural operations, stables, car washing lines, warehouses, mechanical workshops and laboratories without a danger of explosion of gases, dust and combustible fumes.

The light fitting is resistant to dust, moisture and spouting water. The body made of ABS and the diffuser made of AC have increased chemical resistance.

(It is necessary to consider exhalation in the air which can reduce the usability of the plastic at installations in an aggressive environment, see also page 127).

## ADVANTAGES

- Light fitting protection **IP66**
- Maximum ambient temperature up to **t<sub>a</sub> = 35°C**
- Lifetime: 50,000 hours / L80B20
- Diffuser: translucent acrylate (AC) = high chemical resistance
- Body: dark grey (ABS) = high chemical resistance
- Up to 45 % lower electricity consumption when compared to tubes T5
- In DALI version: possibility of constant luminous flux for whole lifetime (CLO)
- Constant luminous flux even in ambient temperature of -20°C
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K, 6500 K, CRI > 90: 3000 K, 4000 K
- It can be delivered in dimmable or emergency version
- Certification: ESĚ, ENEC, CB, HACCP



# PRIMA LED ABS, ABSc



## TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Maximum ambient temperature:  $t_a = 35^\circ\text{C}$ , Maximum ambient temperature:  $t_a = 25^\circ\text{C}$  (version with emergency back-up source for 1 or 3 hours; M1h, M3h)
- Maximum system efficacy: 136 lm/W
- The watt and lumen values can, in accordance with valid standards, vary by  $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- Lifetime: 50,000 hours / L80B20
- Diffuser: translucent acrylate (AC), UV stable, chemically resistant
- Body: dark grey (ABS), UV stable, chemically resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: screwed PG 13,5, or rubber
- Distance part: polyamide + 10 % glass fibre
- Terminal block: screwless, three-pole (basic version), or screwed
- Installation: package contains stainless hooks and stainless brackets
- Electric equipment: LED modules, current driver or current driver DALI

PRIMA LED 1.4ft ABS

Code	Type	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]
For ambient temperature $t_a = 35^\circ\text{C}$ - body: dark grey ABS - diffuser: translucent acrylate								
67010	PRIMA LED 1.2ft ABS 1300/840	1300	1290	10	129	1,3	662	350
67020	PRIMA LED 1.2ft ABS 1600/840	1600	1550	12	129	1,2	662	350
67030	PRIMA LED 1.2ft ABS 2200/840	2200	1970	15	131	1,3	662	350
67040	PRIMA LED 1.4ft ABS 2600/840	2600	2390	18	133	1,9	1272	700
67050	PRIMA LED 1.4ft ABS 3200/840	3200	2940	22	134	1,7	1272	700
67060	PRIMA LED 1.4ft ABS 4400/840	4400	4000	30	133	1,9	1272	700
67460	PRIMA LED 1.4ft ABS 6400/840	6400	5880	46	128	1,9	1272	700
67070	PRIMA LED 1.5ft ABS 3250/840	3250	2930	22	133	2,3	1572	940
67080	PRIMA LED 1.5ft ABS 4000/840	4000	3650	27	135	2,2	1572	940
67090	PRIMA LED 1.5ft ABS 5500/840	5500	5040	37	136	2,3	1572	940
67490	PRIMA LED 1.5ft ABS 8000/840	8000	7350	58	127	2,3	1572	940

67020 PRIMA LED 1.2ft ABS 1600/840 = suitable replacement for T8 fl. tube light fitting PRIMA 118 - 1x18W  
 67050 PRIMA LED 1.4ft ABS 3200/840 = suitable replacement for T8 fl. tube light fitting PRIMA 136 - 1x36W  
 67080 PRIMA LED 1.5ft ABS 4000/840 = suitable replacement for T8 fl. tube light fitting PRIMA 158 - 1x58W

## PRIMA LED ABS

Non-dimmable driver - plastic clips

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
67010	PRIMA LED 1.2ft ABS 1300/840	x	x	x	x	x	x
67020	PRIMA LED 1.2ft ABS 1600/840	x	x	x	x	x	x
67030	PRIMA LED 1.2ft ABS 2200/840	x	x	x	x	x	x
67040	PRIMA LED 1.4ft ABS 2600/840	67140	67340	67044	x	67344	x
67050	PRIMA LED 1.4ft ABS 3200/840	67150	67350	67054	x	67354	x
67060	PRIMA LED 1.4ft ABS 4400/840	67160	67360	67064	x	67364	x
67460	PRIMA LED 1.4ft ABS 6400/840	67461	67462	67463	x	67465	x
67070	PRIMA LED 1.5ft ABS 3250/840	67170	67370	67074	67075	67374	67375
67080	PRIMA LED 1.5ft ABS 4000/840	67180	67380	67084	67085	67384	67385
67090	PRIMA LED 1.5ft ABS 5500/840	67190	67390	67094	67095	67394	67395
67490	PRIMA LED 1.5ft ABS 8000/840	67491	67492	67493	x	67495	x

## PRIMA LED ABSc

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
67210	PRIMA LED 1.2ft ABSc 1300/840	x	x	x	x	x	x
67220	PRIMA LED 1.2ft ABSc 1600/840	x	x	x	x	x	x
67230	PRIMA LED 1.2ft ABSc 2200/840	x	x	x	x	x	x
67240	PRIMA LED 1.4ft ABSc 2600/840	67540	67640	67244	x	67644	x
67250	PRIMA LED 1.4ft ABSc 3200/840	67550	67650	67254	x	67654	x
67260	PRIMA LED 1.4ft ABSc 4400/840	67560	67660	67264	x	67664	x
67760	PRIMA LED 1.4ft ABSc 6400/840	67761	67762	67763	x	67765	x
67270	PRIMA LED 1.5ft ABSc 3250/840	67570	67670	67274	67275	67674	67675
67280	PRIMA LED 1.5ft ABSc 4000/840	67580	67680	67284	67285	67684	67685
67290	PRIMA LED 1.5ft ABSc 5500/840	67590	67690	67294	67295	67694	67695
67790	PRIMA LED 1.5ft ABSc 8000/840	67791	67792	67793	x	67795	x

Example of type marking: 67644 = PRIMA LED 1.4ft ABS 2600/840 **3F M1h**

## PRIMA LED ABS DALI

Code	Type	Digital dimmable driver DALI - plastic clips					
		1F	3F	M1h	M3h	3F M1h	3F M3h
67013	PRIMA LED 1.2ft ABS 1300/840 DALI	x	x	x	x	x	x
67023	PRIMA LED 1.2ft ABS 1600/840 DALI	x	x	x	x	x	x
67033	PRIMA LED 1.2ft ABS 2200/840 DALI	x	x	x	x	x	x
67043	PRIMA LED 1.4ft ABS 2600/840 DALI	67143	67343	67047	x	67347	x
67053	PRIMA LED 1.4ft ABS 3200/840 DALI	67153	67353	67057	x	67357	x
67063	PRIMA LED 1.4ft ABS 4400/840 DALI	67163	67363	67067	x	67367	x
67860	PRIMA LED 1.4ft ABS 6400/840 DALI	67861	67862	67863	x	67865	x
67073	PRIMA LED 1.5ft ABS 3250/840 DALI	67173	67373	67077	67078	67377	67378
67083	PRIMA LED 1.5ft ABS 4000/840 DALI	67183	67383	67087	67088	67387	67388
67093	PRIMA LED 1.5ft ABS 5500/840 DALI	67193	67393	67097	67098	67397	67398
67890	PRIMA LED 1.5ft ABS 8000/840 DALI	67891	67892	67893	x	67895	x

## PRIMA LED ABSc DALI

Code	Type	Digital dimmable driver DALI - stainless clips (c)					
		1F	3F	M1h	M3h	3F M1h	3F M3h
67213	PRIMA LED 1.2ft ABSc 1300/840 DALI	x	x	x	x	x	x
67223	PRIMA LED 1.2ft ABSc 1600/840 DALI	x	x	x	x	x	x
67233	PRIMA LED 1.2ft ABSc 2200/840 DALI	x	x	x	x	x	x
67243	PRIMA LED 1.4ft ABSc 2600/840 DALI	67543	67643	67247	x	67647	x
67253	PRIMA LED 1.4ft ABSc 3200/840 DALI	67553	67653	67257	x	67657	x
67263	PRIMA LED 1.4ft ABSc 4400/840 DALI	67563	67663	67267	x	67667	x
67960	PRIMA LED 1.4ft ABSc 6400/840 DALI	67961	67962	67963	x	67965	x
67273	PRIMA LED 1.5ft ABSc 3250/840 DALI	67573	67673	67277	67278	67677	67678
67283	PRIMA LED 1.5ft ABSc 4000/840 DALI	67583	67683	67287	67288	67687	67688
67293	PRIMA LED 1.5ft ABSc 5500/840 DALI	67593	67693	67297	67298	67697	67698
67990	PRIMA LED 1.5ft ABSc 8000/840 DALI	67991	67992	67993	x	67995	x

Example of type marking: 67693 = PRIMA LED 1.5ft ABSc 5500/840 DALI **3F**

## LEGEND

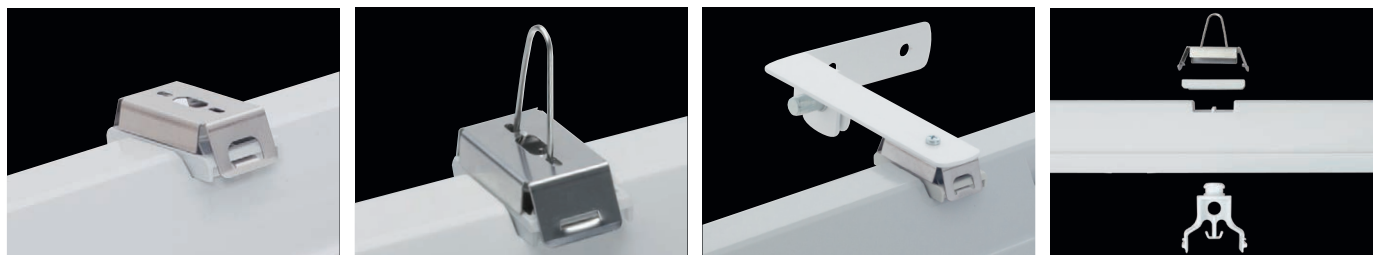
**DALI** – version with digital dimmable driver DALI  
**1F** – 1 phase wiring cables for through-wiring  
**3F** – 3 phase wiring cables for through-wiring

**M1h** – emergency back-up source with operating time of 1 hour (SA) for both permanent and emergency illumination  
**M3h** – emergency back-up source with operating time of 3 hours (SA) for both permanent and emergency illumination

Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

## LIGHT FITTING ATTACHMENT

- Directly to a ceiling or a wall with the use of screws and stainless brackets
- Suspension with the use of stainless hooks
- Attachment with the use of side hangers to the wall



## LIGHT FITTING DETAILED VIEW

PRIMA LED ABS

