

PRIMA ABS

NEW



... dustproof, waterproof and chemically resistant.

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).

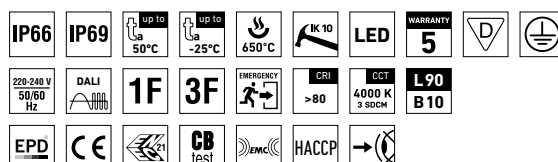
The fitting is primarily intended for large **agricultural premises and industrial halls such as farms, stables, production plants and warehouses, car washes and laboratories** with no explosion hazard.

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 $t_a = -25^{\circ}\text{C}$ to $t_a = 50^{\circ}\text{C}$
- Lifetime: 50 000 hours / L90B10
- 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 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**

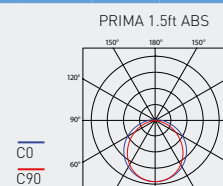
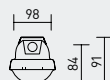
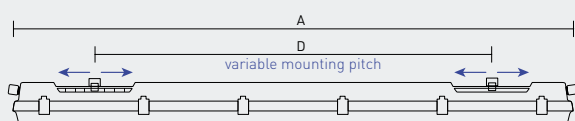


PRIMA ABS, ABSc



TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 50 °C**
- Maximum ambient temperature: ta = 0-25 °C for version with emergency back-up M1h, M3h
- Lifetime: 50 000 hours / L90B10
- 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
- MacAdam = 3 SDCM
- Diffuser: translucent ABS (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 (standard), or rubber (SBS)
- 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]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	UGR Longitudinal/transverse	Net weight [kg]	A [mm]	D [mm]
Up to ambient temperature ta = 50 °C - body: dark grey ABS - diffuser: translucent ABS									
PRIMA 1.2ft ABS 1300/840	50	1310	1220	8,2	149	22.0 / 21.6	0,9	610	110 - 370
PRIMA 1.2ft ABS 1600/840	50	1560	1450	9,8	148	22.6 / 22.2	0,9	610	110 - 370
PRIMA 1.2ft ABS 2200/840	45	2140	1990	13,2	151	23.7 / 23.3	0,9	610	110 - 370
PRIMA 1.4ft ABS 2600/840	50	2600	2420	16,1	150	22.2 / 21.7	1,7	1170	700 - 960
PRIMA 1.4ft ABS 3200/840	50	3100	2880	19,1	151	22.8 / 22.3	1,7	1170	700 - 960
PRIMA 1.4ft ABS 4400/840	45	4300	4000	26,0	154	23.9 / 23.4	1,7	1170	700 - 960
PRIMA 1.4ft ABS 6400/840	45	6120	5690	36,1	158	25.1 / 24.7	1,7	1170	700 - 960
PRIMA 1.4ft ABS 8000/840	35	8050	7490	47,3	158	26.1 / 25.6	1,7	1170	700 - 960
PRIMA 1.5ft ABS 3250/840	50	3240	3010	19,5	154	22.2 / 21.7	2,0	1450	970 - 1230
PRIMA 1.5ft ABS 4000/840	50	3850	3580	23,3	154	22.8 / 22.3	2,0	1450	970 - 1230
PRIMA 1.5ft ABS 5500/840	45	5340	4970	31,9	156	23.9 / 23.4	2,0	1450	970 - 1230
PRIMA 1.5ft ABS 8000/840	45	7780	7240	44,3	163	25.2 / 24.7	2,0	1450	970 - 1230
PRIMA 1.5ft ABS 10000/840	35	9890	9200	58,6	157	26.1 / 25.6	2,0	1450	970 - 1230

PRIMA ABS

Code	Type
105513	PRIMA 1.2ft ABS 1300/840
105514	PRIMA 1.2ft ABS 1600/840
105515	PRIMA 1.2ft ABS 2200/840
105516	PRIMA 1.4ft ABS 2600/840
105517	PRIMA 1.4ft ABS 3200/840
105518	PRIMA 1.4ft ABS 4400/840
105519	PRIMA 1.4ft ABS 6400/840
106821	PRIMA 1.4ft ABS 8000/840
105520	PRIMA 1.5ft ABS 3250/840
105521	PRIMA 1.5ft ABS 4000/840
105522	PRIMA 1.5ft ABS 5500/840
105523	PRIMA 1.5ft ABS 8000/840
106822	PRIMA 1.5ft ABS 10000/840

Non-dimmable driver - plastic clips

1F	3F	M1h	M3h	3F M1h	3F M3h
105524	105535	x	x	x	x
105525	105536	x	x	x	x
105526	105537	x	x	x	x
105527	105538	105546	105554	105562	105570
105528	105539	105547	105555	105563	105571
105529	105540	105548	105556	105564	105572
105530	105541	105549	105557	105565	105573
106823	106825	x	x	x	x
105531	105542	105550	105558	105566	105574
105532	105543	105551	105559	105567	105575
105533	105544	105552	105560	105568	105576
105534	105545	105553	105561	105569	105577
106824	106826	x	x	x	x

PRIMA ABSc

Code	Type
105578	PRIMA 1.2ft ABSc 1300/840
105579	PRIMA 1.2ft ABSc 1600/840
105580	PRIMA 1.2ft ABSc 2200/840
105581	PRIMA 1.4ft ABSc 2600/840
105582	PRIMA 1.4ft ABSc 3200/840
105583	PRIMA 1.4ft ABSc 4400/840
105584	PRIMA 1.4ft ABSc 6400/840
106827	PRIMA 1.4ft ABSc 8000/840
105585	PRIMA 1.5ft ABSc 3250/840
105586	PRIMA 1.5ft ABSc 4000/840
105587	PRIMA 1.5ft ABSc 5500/840
105588	PRIMA 1.5ft ABSc 8000/840
106828	PRIMA 1.5ft ABSc 10000/840

Non-dimmable driver - stainless clips (c)

1F	3F	M1h	M3h	3F M1h	3F M3h
105589	105600	x	x	x	x
105590	105601	x	x	x	x
105591	105602	x	x	x	x
105592	105603	105611	105619	105627	105635
105593	105604	105612	105620	105628	105636
105594	105605	105613	105621	105629	105637
105595	105606	105614	105622	105630	105638
106829	106831	x	x	x	x
105596	105607	105615	105623	105631	105639
105597	105608	105616	105624	105632	105640
105598	105609	105617	105625	105633	105641
105599	105610	105618	105626	105634	105642
106830	106832	x	x	x	x

PRIMA ABS DALI

Code	Type
105643	PRIMA 1.2ft ABS 1300/840 DALI
105644	PRIMA 1.2ft ABS 1600/840 DALI
105645	PRIMA 1.2ft ABS 2200/840 DALI
105646	PRIMA 1.4ft ABS 2600/840 DALI
105647	PRIMA 1.4ft ABS 3200/840 DALI
105648	PRIMA 1.4ft ABS 4400/840 DALI
105649	PRIMA 1.4ft ABS 6400/840 DALI
106833	PRIMA 1.4ft ABS 8000/840 DALI
105650	PRIMA 1.5ft ABS 3250/840 DALI
105651	PRIMA 1.5ft ABS 4000/840 DALI
105652	PRIMA 1.5ft ABS 5500/840 DALI
105653	PRIMA 1.5ft ABS 8000/840 DALI
106834	PRIMA 1.5ft ABS 10000/840 DALI

Digital dimmable driver DALI - plastic clips

	1F	3F	M1h	M3h	3F M1h	3F M3h
105654		x	x	x	x	x
105655		x	x	x	x	x
105656		x	x	x	x	x
105657		105668	105676	105684	105692	106661
105658		105669	105677	105685	105693	106662
105659		105670	105678	105686	105694	106663
105660		105671	105679	105687	105695	106664
106835		106837	x	x	x	x
105661		105672	105680	105688	105696	105700
105662		105673	105681	105689	105697	105701
105663		105674	105682	105690	105698	105702
105664		105675	105683	105691	105699	105703
106836		106838	x	x	x	x

PRIMA ABSc DALI

Code	Type
105712	PRIMA 1.2ft ABSc 1300/840 DALI
105713	PRIMA 1.2ft ABSc 1600/840 DALI
105714	PRIMA 1.2ft ABSc 2200/840 DALI
105715	PRIMA 1.4ft ABSc 2600/840 DALI
105716	PRIMA 1.4ft ABSc 3200/840 DALI
105717	PRIMA 1.4ft ABSc 4400/840 DALI
105718	PRIMA 1.4ft ABSc 6400/840 DALI
106839	PRIMA 1.4ft ABSc 8000/840 DALI
105719	PRIMA 1.5ft ABSc 3250/840 DALI
105720	PRIMA 1.5ft ABSc 4000/840 DALI
105721	PRIMA 1.5ft ABSc 5500/840 DALI
105722	PRIMA 1.5ft ABSc 8000/840 DALI
106840	PRIMA 1.5ft ABSc 10000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

	1F	3F	M1h	M3h	3F M1h	3F M3h
105723		x	x	x	x	x
105724		x	x	x	x	x
105725		x	x	x	x	x
105726		105737	105745	105753	105761	106665
105727		105738	105746	105754	105762	106666
105728		105739	105747	105755	105763	106667
105729		105740	105748	105756	105764	106668
106841		106843	x	x	x	x
105730		105741	105749	105757	105765	105769
105731		105742	105750	105758	105766	105770
105732		105743	105751	105759	105767	105771
105733		105744	105752	105760	105768	105772
106842		106844	x	x	x	x

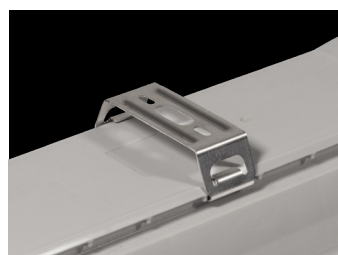
LEGEND

1F	1-phase 3 core through-wiring in the luminaire
3F	3-phase 5 core through-wiring in the luminaire
M1h	emergency back-up source with 1 hour operating time for maintained emergency illumination
M3h	emergency back-up source with 3 hour operating time for maintained emergency illumination
3F Mxh	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 Mxh	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 ABS

