

PRIMA VP ABS



... for outdoor sheltered spaces, chemically resistant.

USE

It is intended to be installed in **sheltered outdoor spaces**. It features a ventilation membrane that equalizes pressures while blocking water and contaminants that build up inside of the fitting as a result of temperature fluctuations.

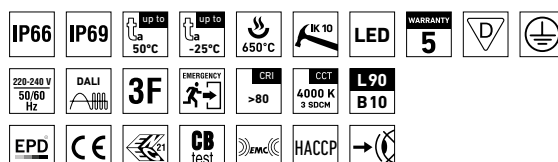
The fitting is highly recommended for agricultural buildings and other spaces with chemically aggressive environments due to ammonia fumes, lye fumes, alkali, hot water (hydrolysis) and oils. The product is primarily intended for **agricultural buildings and industrial halls such as farms, stables, production plants and warehouses, and spaces with permanently high humidity (such as car washes and tunnels)**. Additionally, it is a perfect choice for the **tropical zone and coastal areas**. IP69-rated and HACCP-compliant, the fitting's design also makes it a great choice 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; for more information see page 407.

ADVANTAGES

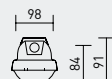
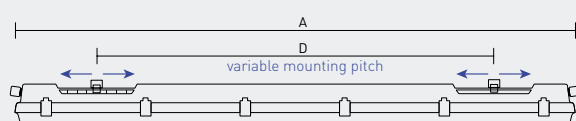
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from $t_a = -25^{\circ}\text{C}$ to $t_a = 50^{\circ}\text{C}$
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High **mechanical resistance IK10**
- **Variable suspension pitch**, optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- 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 VP ABS, ABS_c

TECHNICAL DESCRIPTION

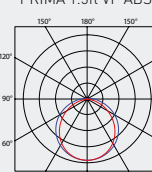
- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 50 °C**
- Maximum ambient temperature: ta = 0-40 °C for version with emergency back-up M3hAt
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- Maximum light fitting efficiency: **157 lm/W**
- **CRI > 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)
- **A ventilation membrane** in the base equalizes pressures while blocking water and contaminants
- **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 %



UGR EVALUATED FOR

X = 4 H, Y = 8 H S = 0.25 H
Reflectivity 70/50/20

PRIMA 1.5ft VP ABS



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 VP ABS 1600/840	50	1630	1520	10,5	145	22.9 / 21.7	0,9	615	110 - 370
PRIMA 1.2ft VP ABS 2200/840	45	2360	2190	14,6	150	24.1 / 23.0	0,9	615	110 - 370
PRIMA 1.4ft VP ABS 3200/840	50	3260	3030	20,1	151	23.0 / 22.0	1,7	1175	700 - 960
PRIMA 1.4ft VP ABS 4400/840	45	4520	4200	27,3	154	24.2 / 23.2	1,7	1175	700 - 960
PRIMA 1.4ft VP ABS 6400/840	45	6500	6050	38,5	157	25.4 / 24.4	1,7	1175	700 - 960
PRIMA 1.4ft VP ABS 8000/840	35	8160	7590	49,0	155	26.2 / 25.2	1,7	1175	700 - 960
PRIMA 1.5ft VP ABS 4000/840	50	4180	3890	25,3	154	23.2 / 22.2	2,0	1455	970 - 1230
PRIMA 1.5ft VP ABS 5500/840	45	5590	5200	33,3	156	24.2 / 23.2	2,0	1455	970 - 1230
PRIMA 1.5ft VP ABS 8000/840	45	8020	7460	47,4	157	25.4 / 24.5	2,0	1455	970 - 1230
PRIMA 1.5ft VP ABS 10000/840	35	10350	9630	62,9	153	26.3 / 25.3	2,0	1455	970 - 1230

PRIMA VP ABS

Code	Type
105950	PRIMA 1.2ft VP ABS 1600/840
105951	PRIMA 1.2ft VP ABS 2200/840
105953	PRIMA 1.4ft VP ABS 3200/840
105954	PRIMA 1.4ft VP ABS 4400/840
105955	PRIMA 1.4ft VP ABS 6400/840
106861	PRIMA 1.4ft VP ABS 8000/840
105957	PRIMA 1.5ft VP ABS 4000/840
105958	PRIMA 1.5ft VP ABS 5500/840
105959	PRIMA 1.5ft VP ABS 8000/840
106862	PRIMA 1.5ft VP ABS 10000/840

Non-dimmable driver - plastic clips

3F	M3hAt	3F M3hAt
105961	x	x
105962	x	x
105964	108931	105984
105965	108932	105985
105966	108933	105986
106863	x	x
105968	108935	105988
105969	108936	105989
105970	108937	105990
106864	x	x

PRIMA VP ABS_c

Code	Type
105992	PRIMA 1.2ft VP ABS _c 1600/840
105993	PRIMA 1.2ft VP ABS _c 2200/840
105995	PRIMA 1.4ft VP ABS _c 3200/840
105996	PRIMA 1.4ft VP ABS _c 4400/840
105997	PRIMA 1.4ft VP ABS _c 6400/840
106865	PRIMA 1.4ft VP ABS _c 8000/840
105999	PRIMA 1.5ft VP ABS _c 4000/840
106000	PRIMA 1.5ft VP ABS _c 5500/840
106001	PRIMA 1.5ft VP ABS _c 8000/840
106866	PRIMA 1.5ft VP ABS _c 10000/840

Non-dimmable driver - stainless clips (c)

3F	M3hAt	3F M3hAt
106003	x	x
106004	x	x
106006	108939	106026
106007	108940	106027
106008	108941	106028
106867	x	x
106010	108943	106030
106011	108944	106031
106012	108945	106032
106868	x	x

PRIMA VP ABS DALI

Code	Type
106034	PRIMA 1.2ft VP ABS 1600/840 DALI
106035	PRIMA 1.2ft VP ABS 2200/840 DALI
106037	PRIMA 1.4ft VP ABS 3200/840 DALI
106038	PRIMA 1.4ft VP ABS 4400/840 DALI
106039	PRIMA 1.4ft VP ABS 6400/840 DALI
106869	PRIMA 1.4ft VP ABS 8000/840 DALI
106041	PRIMA 1.5ft VP ABS 4000/840 DALI
106042	PRIMA 1.5ft VP ABS 5500/840 DALI
106043	PRIMA 1.5ft VP ABS 8000/840 DALI
106870	PRIMA 1.5ft VP ABS 10000/840 DALI

Digital dimmable driver DALI - plastic clips

3F	M3hAt	3F M3hAt
x	x	x
x	x	x
106048	108947	106068
106049	108948	106069
106050	108949	106070
106871	x	x
106052	108951	106072
106053	108952	106073
106054	108953	106074
106872	x	x

PRIMA VP ABSc DALI

Code	Type
106076	PRIMA 1.2ft VP ABSc 1600/840 DALI
106077	PRIMA 1.2ft VP ABSc 2200/840 DALI
106079	PRIMA 1.4ft VP ABSc 3200/840 DALI
106080	PRIMA 1.4ft VP ABSc 4400/840 DALI
106081	PRIMA 1.4ft VP ABSc 6400/840 DALI
106873	PRIMA 1.4ft VP ABSc 8000/840 DALI
106083	PRIMA 1.5ft VP ABSc 4000/840 DALI
106084	PRIMA 1.5ft VP ABSc 5500/840 DALI
106085	PRIMA 1.5ft VP ABSc 8000/840 DALI
106874	PRIMA 1.5ft VP ABSc 10000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

3F	M3hAt	3F M3hAt
x	x	x
x	x	x
106090	108955	106110
106091	108956	106111
106092	108957	106112
106875	x	x
106094	108959	106114
106095	108960	106115
106096	108961	106116
106876	x	x

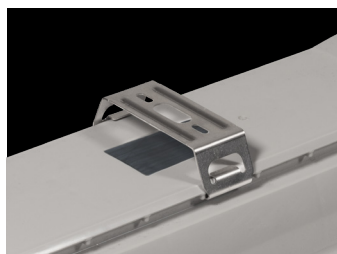
LEGEND

- 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 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 VP ABS

