PRIMA VP



... for outdoor sheltered spaces, impact resistant, MultiLumen.

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 fixture is highly recommended for **industrial premises, warehouses, agricultural buildings, sports facilities as well as 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

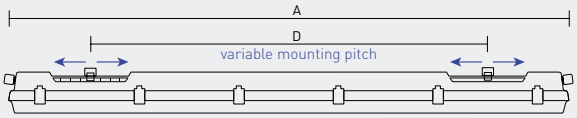
- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from ta = -25 °C to **ta = 50 °C**
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High **mechanical resistance IK10**
- **Variable suspension pitch,** optional installation of light fitting even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

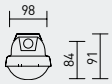
PRIMA VP PC, PCc



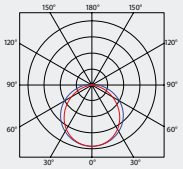
TECHNICAL DESCRIPTION

- 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: **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
- **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: grey PC (high mechanical 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 %





PRIMA 1.5ft VP



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: grey polycarbonate - diffuser: translucent polycarbonate								
PRIMA 1.2ft VP PC 1600/840	50	1630	1520	10,5	145	0,9	615	110 - 370
PRIMA 1.2ft VP PC 2200/840 *	45	2360	2190	14,6	150	0,9	615	110 - 370
PRIMA 1.4ft VP PC 3200/840	50	3260	3030	20,1	151	1,7	1175	700 - 960
PRIMA 1.4ft VP PC 4400/840 *	45	4520	4200	27,3	154	1,7	1175	700 - 960
PRIMA 1.4ft VP PC 6400/840 *	45	6500	6050	38,5	157	1,7	1175	700 - 960
PRIMA 1.4ft VP PC 8000/840	35	8160	7590	49,0	155	1,7	1175	700 - 960
PRIMA 1.5ft VP PC 4000/840	50	4180	3890	25,3	154	2,0	1455	970 - 1230
PRIMA 1.5ft VP PC 5500/840 *	45	5590	5200	33,3	156	2,0	1455	970 - 1230
PRIMA 1.5ft VP PC 8000/840 *	45	8020	7460	47,4	157	2,0	1455	970 - 1230
PRIMA 1.5ft VP PC 10000/840	35	10350	9630	62,9	153	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 VP PC 2200/840 ML	1900	13,0	146	1600	11,0	145	1290	9,1	142
PRIMA 1.4ft VP PC 4400/840 ML	3650	23,3	157	3080	19,5	158	2490	15,8	158
PRIMA 1.4ft VP PC 6400/840 ML	5250	32,8	160	4440	27,4	162	3600	22,1	163
PRIMA 1.5ft VP PC 5500/840 ML	4500	28,4	158	3790	23,6	161	3070	19,1	161
PRIMA 1.5ft VP PC 8000/840 ML	6480	40,4	160	5480	33,6	163	4440	27,2	163

PRIMA VP PC

Non-dimmable driver - plastic clips

Code	Type	3F	M3hAt	3F M3hAt
105782	PRIMA 1.2ft VP PC 1600/840	105793	x	x
105783	PRIMA 1.2ft VP PC 2200/840 ML	105794	x	x
105785	PRIMA 1.4ft VP PC 3200/840	105796	108899	105816
105786	PRIMA 1.4ft VP PC 4400/840 ML	105797	108900	105817
105787	PRIMA 1.4ft VP PC 6400/840 ML	105798	108901	105818
106845	PRIMA 1.4ft VP PC 8000/840	106847	x	x
105789	PRIMA 1.5ft VP PC 4000/840	105800	108903	105820
105790	PRIMA 1.5ft VP PC 5500/840 ML	105801	108904	105821
105791	PRIMA 1.5ft VP PC 8000/840 ML	105802	108905	105822
106846	PRIMA 1.5ft VP PC 10000/840	106848	x	x

PRIMA VP PCc

Non-dimmable driver - stainless clips (c)

Code	Type	3F	M3hAt	3F M3hAt
105824	PRIMA 1.2ft VP PCc 1600/840	105835	x	x
105825	PRIMA 1.2ft VP PCc 2200/840 ML	105836	x	x
105827	PRIMA 1.4ft VP PCc 3200/840	105838	108907	105858
105828	PRIMA 1.4ft VP PCc 4400/840 ML	105839	108908	105859
105829	PRIMA 1.4ft VP PCc 6400/840 ML	105840	108909	105860
106849	PRIMA 1.4ft VP PCc 8000/840	106851	x	x
105831	PRIMA 1.5ft VP PCc 4000/840	105842	108911	105862
105832	PRIMA 1.5ft VP PCc 5500/840 ML	105843	108912	105863
105833	PRIMA 1.5ft VP PCc 8000/840 ML	105844	108913	105864
106850	PRIMA 1.5ft VP PCc 10000/840	106852	x	x

PRIMA VP PC DALI

Digital dimmable driver DALI - plastic clips

Code	Type	3F	M3hAt	3F M3hAt
105866	PRIMA 1.2ft VP PC 1600/840 DALI	x	x	x
105867	PRIMA 1.2ft VP PC 2200/840 DALI	x	x	x
105869	PRIMA 1.4ft VP PC 3200/840 DALI	105880	108915	105900
105870	PRIMA 1.4ft VP PC 4400/840 DALI	105881	108916	105901
105871	PRIMA 1.4ft VP PC 6400/840 DALI	105882	108917	105902
106853	PRIMA 1.4ft VP PC 8000/840 DALI	106855	x	x
105873	PRIMA 1.5ft VP PC 4000/840 DALI	105884	108919	105904
105874	PRIMA 1.5ft VP PC 5500/840 DALI	105885	108920	105905
105875	PRIMA 1.5ft VP PC 8000/840 DALI	105886	108921	105906
106854	PRIMA 1.5ft VP PC 10000/840 DALI	106856	x	x

PRIMA VP PCc DALI

Digital dimmable driver DALI - stainless clips (c)

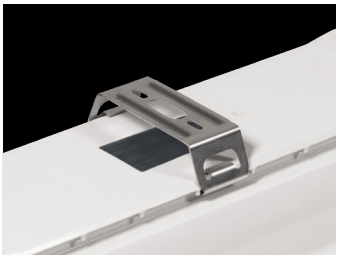
Code	Type	3F	M3hAt	3F M3hAt
105908	PRIMA 1.2ft VP PCc 1600/840 DALI	x	x	x
105909	PRIMA 1.2ft VP PCc 2200/840 DALI	x	x	x
105911	PRIMA 1.4ft VP PCc 3200/840 DALI	105922	108923	105942
105912	PRIMA 1.4ft VP PCc 4400/840 DALI	105923	108924	105943
105913	PRIMA 1.4ft VP PCc 6400/840 DALI	105924	108925	105944
106857	PRIMA 1.4ft VP PCc 8000/840 DALI	106859	x	x
105915	PRIMA 1.5ft VP PCc 4000/840 DALI	105926	108927	105946
105916	PRIMA 1.5ft VP PCc 5500/840 DALI	105927	108928	105947
105917	PRIMA 1.5ft VP PCc 8000/840 DALI	105928	108929	105948
106858	PRIMA 1.5ft VP PCc 10000/840 DALI	106860	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 PC

