

# PRIMA VP



... for outdoor sheltered spaces, impact 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 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.

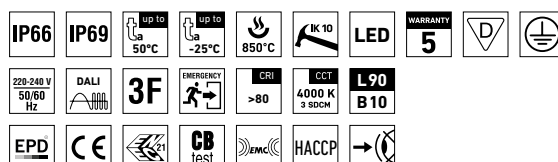
IP69-rated and HACCP-compliant, the fitting's design also makes it a great choice for the food industry.

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 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**

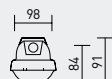
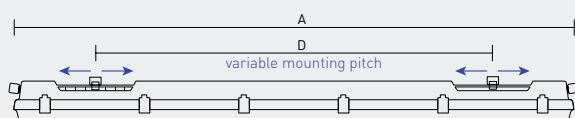


## PRIMA VP PC, PCc



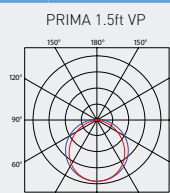
## TECHNICAL DESCRIPTION

- 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: **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 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 %



## UGR EVALUATED FOR

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



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: grey polycarbonate - diffuser: translucent polycarbonate									
PRIMA 1.2ft VP PC 1600/840	50	1630	1520	10,5	145	23.0 / 21.6	0,9	615	110 - 370
PRIMA 1.2ft VP PC 2200/840	45	2360	2190	14,6	150	24.3 / 22.8	0,9	615	110 - 370
PRIMA 1.4ft VP PC 3200/840	50	3260	3030	20,1	151	23.2 / 21.9	1,7	1175	700 - 960
PRIMA 1.4ft VP PC 4400/840	45	4520	4200	27,3	154	24.3 / 23.0	1,7	1175	700 - 960
PRIMA 1.4ft VP PC 6400/840	45	6500	6050	38,5	157	25.6 / 24.3	1,7	1175	700 - 960
PRIMA 1.4ft VP PC 8000/840	35	8160	7590	49,0	155	26.4 / 25.0	1,7	1175	700 - 960
PRIMA 1.5ft VP PC 4000/840	50	4180	3890	25,3	154	23.3 / 22.0	2,0	1455	970 - 1230
PRIMA 1.5ft VP PC 5500/840	45	5590	5200	33,3	156	24.3 / 23.0	2,0	1455	970 - 1230
PRIMA 1.5ft VP PC 8000/840	45	8020	7460	47,4	157	25.6 / 24.3	2,0	1455	970 - 1230
PRIMA 1.5ft VP PC 10000/840	35	10350	9630	62,9	153	26.5 / 25.2	2,0	1455	970 - 1230

## PRIMA VP PC

Code	Type
105782	PRIMA 1.2ft VP PC 1600/840
105783	PRIMA 1.2ft VP PC 2200/840
105785	PRIMA 1.4ft VP PC 3200/840
105786	PRIMA 1.4ft VP PC 4400/840
105787	PRIMA 1.4ft VP PC 6400/840
106845	PRIMA 1.4ft VP PC 8000/840
105789	PRIMA 1.5ft VP PC 4000/840
105790	PRIMA 1.5ft VP PC 5500/840
105791	PRIMA 1.5ft VP PC 8000/840
106846	PRIMA 1.5ft VP PC 10000/840

## Non-dimmable driver - plastic clips

3F	M3hAt	3F M3hAt
105793	x	x
105794	x	x
105796	108899	105816
105797	108900	105817
105798	108901	105818
106847	x	x
105800	108903	105820
105801	108904	105821
105802	108905	105822
106848	x	x

## PRIMA VP PCc

Code	Type
105824	PRIMA 1.2ft VP PCc 1600/840
105825	PRIMA 1.2ft VP PCc 2200/840
105827	PRIMA 1.4ft VP PCc 3200/840
105828	PRIMA 1.4ft VP PCc 4400/840
105829	PRIMA 1.4ft VP PCc 6400/840
106849	PRIMA 1.4ft VP PCc 8000/840
105831	PRIMA 1.5ft VP PCc 4000/840
105832	PRIMA 1.5ft VP PCc 5500/840
105833	PRIMA 1.5ft VP PCc 8000/840
106850	PRIMA 1.5ft VP PCc 10000/840

## Non-dimmable driver - stainless clips [c]

3F	M3hAt	3F M3hAt
105835	x	x
105836	x	x
105838	108907	105858
105839	108908	105859
105840	108909	105860
106851	x	x
105842	108911	105862
105843	108912	105863
105844	108913	105864
106852	x	x

## PRIMA VP PC DALI

Code	Type
105866	PRIMA 1.2ft VP PC 1600/840 DALI
105867	PRIMA 1.2ft VP PC 2200/840 DALI
105869	PRIMA 1.4ft VP PC 3200/840 DALI
105870	PRIMA 1.4ft VP PC 4400/840 DALI
105871	PRIMA 1.4ft VP PC 6400/840 DALI
106853	PRIMA 1.4ft VP PC 8000/840 DALI
105873	PRIMA 1.5ft VP PC 4000/840 DALI
105874	PRIMA 1.5ft VP PC 5500/840 DALI
105875	PRIMA 1.5ft VP PC 8000/840 DALI
106854	PRIMA 1.5ft VP PC 10000/840 DALI

## Digital dimmable driver DALI - plastic clips

3F	M3hAt	3F M3hAt
x	x	x
x	x	x
105880	108915	105900
105881	108916	105901
105882	108917	105902
106855	x	x
105884	108919	105904
105885	108920	105905
105886	108921	105906
106856	x	x

## PRIMA VP PCc DALI

Code	Type
105908	PRIMA 1.2ft VP PCc 1600/840 DALI
105909	PRIMA 1.2ft VP PCc 2200/840 DALI
105911	PRIMA 1.4ft VP PCc 3200/840 DALI
105912	PRIMA 1.4ft VP PCc 4400/840 DALI
105913	PRIMA 1.4ft VP PCc 6400/840 DALI
106857	PRIMA 1.4ft VP PCc 8000/840 DALI
105915	PRIMA 1.5ft VP PCc 4000/840 DALI
105916	PRIMA 1.5ft VP PCc 5500/840 DALI
105917	PRIMA 1.5ft VP PCc 8000/840 DALI
106858	PRIMA 1.5ft VP PCc 10000/840 DALI

## Digital dimmable driver DALI - stainless clips (c)

3F	M3hAt	3F M3hAt
x	x	x
x	x	x
105922	108923	105942
105923	108924	105943
105924	108925	105944
106859	x	x
105926	108927	105946
105927	108928	105947
105928	108929	105948
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

