

# PRIMA LED VP



**BIM**  
ready

... for outdoor spaces.

## USE

The light fitting is suitable for the installation in outdoor spaces with shelter. It is equipped with a ventilation plug made of polyamide which eliminates the presence of condensation fumes and underpressure in the light fitting caused by ambient temperature fluctuations.

The light fitting is resistant to dust, moisture and spouting water. The body and the diffuser made of polycarbonate (PC) have the increased resistance against deformation and impact.

(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 321).

## ADVANTAGES

- Light fitting protection **IP66**
- Maximum ambient temperature up to **t<sub>a</sub> = 45 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC) = high mechanical resistance
- Body: grey polycarbonate (PC) = high mechanical 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 -25 °C
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K, 6500 K, CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K
- It can be delivered in dimmable or emergency version
- Certification: ESČ, ENEC, CB, HACCP



# PRIMA LED VP, VPc



## TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Maximum ambient temperature:  $t_a = 45^\circ\text{C}$ , Maximum ambient temperature:  $t_a = 0-25^\circ\text{C}$  (version with emergency back-up source for 1 or 3 hours; M1h, M3h)
- Maximum system efficacy: 153 lm/W
- The watt and lumen values can vary by  $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- MacAdam = 3 SDCM
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC), UV stable, impact-resistant
- Body: grey polycarbonate (PC), UV stable, impact-resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Ventilation plug: type BVPB-01 made of polyamide, size M12 x 1.5
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: screwed PG 13.5, or rubber (SBS)
- Distance part: polyamide + 10 % glass fibre
- Terminal block: screwless, five-pole (basic version), or screwed
- Installation: package contains stainless hooks and stainless brackets
- Electric equipment: LED modules, current driver or current driver DALI

Code	Type	Max. ambient temperature [°C]	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 $t_a = 45^\circ\text{C}$ - body: grey polycarbonate - diffuser: translucent polycarbonate									
66010	PRIMA LED 1.2ft VP 1300/840	45	1320	1170	8	146	1,3	662	350
66020	PRIMA LED 1.2ft VP 1600/840	45	1580	1410	10	141	1,3	662	350
66030	PRIMA LED 1.2ft VP 2200/840	40	2200	1960	14	140	1,3	662	350
66040	PRIMA LED 1.4ft VP 2600/840	45	2580	2300	16	144	1,9	1272	700
66050	PRIMA LED 1.4ft VP 3200/840	45	3110	2770	20	139	1,9	1272	700
66060	PRIMA LED 1.4ft VP 4400/840	40	4350	3870	27	143	1,9	1272	700
66460	PRIMA LED 1.4ft VP 6400/840	40	6260	5570	38	147	1,9	1272	700
66070	PRIMA LED 1.5ft VP 3250/840	45	3240	2880	20	144	2,3	1572	940
66080	PRIMA LED 1.5ft VP 4000/840	45	3880	3450	24	144	2,3	1572	940
66090	PRIMA LED 1.5ft VP 5500/840	40	5420	4820	33	146	2,3	1572	940
66490	PRIMA LED 1.5ft VP 8000/840	40	7740	6890	45	153	2,3	1572	940

66020 PRIMA LED 1.2ft VP 1600/840 = suitable replacement for T8 fl. tube light fitting PRIMA 118 - 1x18W  
 66050 PRIMA LED 1.4ft VP 3200/840 = suitable replacement for T8 fl. tube light fitting PRIMA 136 - 1x36W  
 66460 PRIMA LED 1.4ft VP 6400/840 = suitable replacement for T8 fl. tube light fitting PRIMA 236 - 2x36W  
 66080 PRIMA LED 1.5ft VP 4000/840 = suitable replacement for T8 fl. tube light fitting PRIMA 158 - 1x58W  
 66490 PRIMA LED 1.5ft VP 8000/840 = suitable replacement for T8 fl. tube light fitting PRIMA 258 - 2x58W

## PRIMA LED VP

Non-dimmable driver - plastic clips

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
66010	PRIMA LED 1.2ft VP 1300/840	x	x	x	x	x	x
66020	PRIMA LED 1.2ft VP 1600/840	x	x	x	x	x	x
66030	PRIMA LED 1.2ft VP 2200/840	x	x	x	x	x	x
66040	PRIMA LED 1.4ft VP 2600/840	66140	66340	66044	66045	66344	66345
66050	PRIMA LED 1.4ft VP 3200/840	66150	66350	66054	66055	66354	66355
66060	PRIMA LED 1.4ft VP 4400/840	66160	66360	66064	66065	66364	66365
66460	PRIMA LED 1.4ft VP 6400/840	66461	66462	x	x	x	x
66070	PRIMA LED 1.5ft VP 3250/840	66170	66370	66074	66075	66374	66375
66080	PRIMA LED 1.5ft VP 4000/840	66180	66380	66084	66085	66384	66385
66090	PRIMA LED 1.5ft VP 5500/840	66190	66390	66094	66095	66394	66395
66490	PRIMA LED 1.5ft VP 8000/840	66491	66492	x	x	x	x

## PRIMA LED VPc

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
66210	PRIMA LED 1.2ft VPc 1300/840	x	x	x	x	x	x
66220	PRIMA LED 1.2ft VPc 1600/840	x	x	x	x	x	x
66230	PRIMA LED 1.2ft VPc 2200/840	x	x	x	x	x	x
66240	PRIMA LED 1.4ft VPc 2600/840	66540	66640	66244	66245	66644	66645
66250	PRIMA LED 1.4ft VPc 3200/840	66550	66650	66254	66255	66654	66655
66260	PRIMA LED 1.4ft VPc 4400/840	66560	66660	66264	66265	66664	66665
66760	PRIMA LED 1.4ft VPc 6400/840	66761	66762	x	x	x	x
66270	PRIMA LED 1.5ft VPc 3250/840	66570	66670	66274	66275	66674	66675
66280	PRIMA LED 1.5ft VPc 4000/840	66580	66680	66284	66285	66684	66685
66290	PRIMA LED 1.5ft VPc 5500/840	66590	66690	66294	66295	66694	66695
66790	PRIMA LED 1.5ft VPc 8000/840	66791	66792	x	x	x	x

Example of type marking: 66644 = PRIMA LED 1.4ft VP 2600/840 3F M1h

## PRIMA LED VP DALI

Code	Type
66013	PRIMA LED 1.2ft VP 1300/840 DALI
66023	PRIMA LED 1.2ft VP 1600/840 DALI
66033	PRIMA LED 1.2ft VP 2200/840 DALI
66043	PRIMA LED 1.4ft VP 2600/840 DALI
66053	PRIMA LED 1.4ft VP 3200/840 DALI
66063	PRIMA LED 1.4ft VP 4400/840 DALI
66860	PRIMA LED 1.4ft VP 6400/840 DALI
66073	PRIMA LED 1.5ft VP 3250/840 DALI
66083	PRIMA LED 1.5ft VP 4000/840 DALI
66093	PRIMA LED 1.5ft VP 5500/840 DALI
66890	PRIMA LED 1.5ft VP 8000/840 DALI

## Digital dimmable driver DALI - plastic clips

	1F	3F	M1h	M3h	3F M1h	3F M3h
	x	x	x	x	x	x
	x	x	x	x	x	x
	x	x	x	x	x	x
	66143	66343	66047	66048	66347	66348
	66153	66353	66057	66058	66357	66358
	66163	66363	66067	66068	66367	66368
	66861	66862	x	x	x	x
	66173	66373	66077	66078	66377	66378
	66183	66383	66087	66088	66387	66388
	66193	66393	66097	66098	66397	66398
	66891	66892	x	x	x	x

## PRIMA LED VPc DALI

Code	Type
66213	PRIMA LED 1.2ft VPc 1300/840 DALI
66223	PRIMA LED 1.2ft VPc 1600/840 DALI
66233	PRIMA LED 1.2ft VPc 2200/840 DALI
66243	PRIMA LED 1.4ft VPc 2600/840 DALI
66253	PRIMA LED 1.4ft VPc 3200/840 DALI
66263	PRIMA LED 1.4ft VPc 4400/840 DALI
66960	PRIMA LED 1.4ft VPc 6400/840 DALI
66273	PRIMA LED 1.5ft VPc 3250/840 DALI
66283	PRIMA LED 1.5ft VPc 4000/840 DALI
66293	PRIMA LED 1.5ft VPc 5500/840 DALI
66990	PRIMA LED 1.5ft VPc 8000/840 DALI

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

	1F	3F	M1h	M3h	3F M1h	3F M3h
	x	x	x	x	x	x
	x	x	x	x	x	x
	x	x	x	x	x	x
	66543	66643	66247	66248	66647	66648
	66553	66653	66257	66258	66657	66658
	66563	66663	66267	66268	66667	66668
	66961	66962	x	x	x	x
	66573	66673	66277	66278	66677	66678
	66583	66683	66287	66288	66687	66688
	66593	66693	66297	66298	66697	66698
	66991	66992	x	x	x	x

Example of type marking: 66693 = PRIMA LED 1.5ft VPc 5500/840 DALI **3F**

## 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 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



## LIGHT FITTING DETAILED VIEW

PRIMA LED VP

