

## THE CLEVER SUPER-FAST ASSEMBLY

# VIDAR

- ✔ Perfectly suitable for logistical centers, warehouses and industrial applications; IP65; IK06
- ✔ Easy to install, single mounting point, fast replacement guaranteed as the total fixture weighs less than 4 kg
- ✔ High energy efficiency; available in 10.500, 14.000 and 20.000 Lumen; the driver is integrated in the fixture
- ✔ Intelligent thermal management that in case of dust dims down the lighting in order not to affect the lifetime and efficacy
- ✔ Available in three light distributions, narrow beam (35°), medium beam (75°) and wide beam (120°)
- ✔ No inrush current and therefore no adjustment of the security system needed





## GENERAL SPECIFICATIONS

<b>Luminous flux</b>	10500 lm	14000 lm	20000 lm
<b>System power</b>	88 W	114 W	160 W
<b>Luminous efficacy</b>	>120 lm/W	>120 lm/W	>125 lm/W
<b>Current</b>	150 mA	160 mA	180 mA
<b>Colour temperature</b>	4000 K	4000 K	4000 K
<b>CRI</b>		R <sub>a</sub> >80	
<b>Optics</b>	Narrow beam (35° beam angle), medium beam (75° beam angle), wide beam (120° beam angle)		
<b>Lifetime</b>	50.000 hours, (L80/B10)		
<b>Weight</b>	4 kg		
<b>UGR<sub>R</sub> (4h/8h)</b>	NB 19, MB 21, WB 29		
<b>Operating temp.</b>	-30 °C up to +40 °C		
<b>Certification</b>	ENEC pending, CE, glow wire test PC 850 °C and PMMA 650 °C		



IP65 IK06

50.000 h  
L80/B10



## ELECTRICAL SPECIFICATIONS

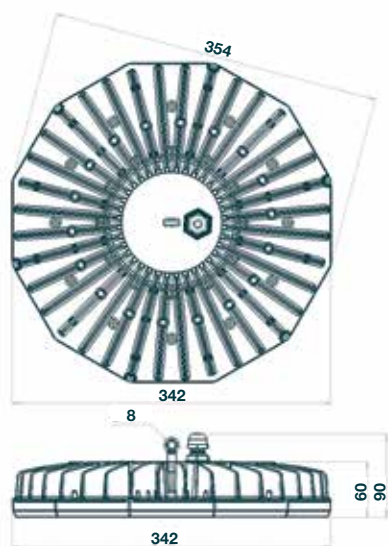
<b>Driver</b>	Standard digital, DALI digital
<b>Input</b>	230 V AC, 90 W/114 W, DC:180 V DC to 264 V DV
<b>Input voltage</b>	230 V ± 10%
<b>Start up time</b>	<0.5 s
<b>PF, THD</b>	0.98; 10%
<b>Surge protection</b>	6 kV surge immunity No inrush current (37/29 lamps MCB 16A-B)

## COMPLIMENTARY SPECIFICATIONS

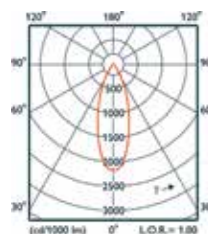
<b>Housing material</b>	Diecast aluminium, dolor RAL 7021 (black-grey)
<b>Optic material</b>	PMMA ( Polymethyl methacrylate) or PC (Polycarbonate)
<b>Cable</b>	Standard 1.5 m
<b>Optional mounting accessory</b>	Chain or steel wire (1.5 m)

## DIMENSIONAL DRAWING

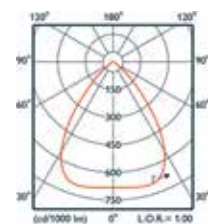
All measures in millimeter



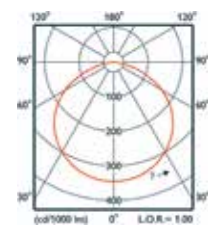
## LIGHT DISTRIBUTION



NB, Narrow beam (35°)



MB, Medium beam (75°)



WB, Wide beam (120°)

## PREFERRED SELECTION

Typ	System power (W)	Luminous flux (lm)	Luminous- efficacy (lm/W)	Colour temperature (K)	CRI (R <sub>a</sub> )	Order number
<b>VIDAR 10500LM 840 STD NB PMMA</b>	88	10500	120	4000	>80	92008829
<b>VIDAR 10500LM 840 STD MB PMMA</b>	88	10500	120	4000	>80	92008847
<b>VIDAR 10500LM 840 STD WB PMMA</b>	88	10500	120	4000	>80	92008854
<b>VIDAR 10500LM 840 DALI NB PMMA</b>	88	10500	120	4000	>80	92008858
<b>VIDAR 10500LM 840 DALI MB PMMA</b>	88	10500	120	4000	>80	92008862
<b>VIDAR 10500LM 840 DALI WB PMMA</b>	88	10500	120	4000	>80	92008866
<b>VIDAR 14000LM 840 STD NB PMMA</b>	114	14000	123	4000	>80	92008876
<b>VIDAR 14000LM 840 STD MB PMMA</b>	114	14000	123	4000	>80	92008884
<b>VIDAR 14000LM 840 STD WB PMMA</b>	114	14000	123	4000	>80	92008890
<b>VIDAR 14000LM 840 DALI NB PMMA</b>	114	14000	123	4000	>80	92008894
<b>VIDAR 14000LM 840 DALI MB PMMA</b>	114	14000	123	4000	>80	92008896
<b>VIDAR 14000LM 840 DALI WB PMMA</b>	114	14000	123	5700	>80	92008898
<b>VIDAR 20000LM 840 STD MB PMMA</b>	160	20000	125	4000	>80	92008904
<b>VIDAR 20000LM 840 STD NB PMMA</b>	160	20000	125	4000	>80	92008902
<b>VIDAR 20000LM 840 STD WB PMMA</b>	160	20000	125	4000	>80	92008906
<b>VIDAR 20000LM 840 DALI NB PMMA</b>	160	20000	125	4000	>80	92008908
<b>VIDAR 20000LM 840 DALI MB PMMA</b>	160	20000	125	4000	>80	92008910
<b>VIDAR 20000LM 840 DALI WB PMMA</b>	160	20000	125	4000	>80	92008912

Available: PC (Polycarbonate)