



## VEGAH 66\_ \_ \_ \_RG2V

Low Flicker - ECODESIGN

230Vac 18-24W

Phase cut Dimmable

Emergency ready

Corridor function ready

No driver is required





## Short form Characteristics

### ELECTRICAL

<b>Power</b>	18W	24W
<b>Input Voltage</b>	230V	
<b>Input Voltage range</b>	207-240V	
<b>Power factor</b>	0,98	
<b>Total harmonic distortion</b>	<15%	
<b>Type of current</b>	AC	
<b>Surge protection</b>	1500V	
<b>Fast transient burst</b>	2000V	
<b>Over temp.protection</b>	150°C	
<b>Energy class</b>	C	
<b>Inrush Current (max)</b>	<30mA	

### PHOTOMETRICAL

<b>Flux nominal</b>	2520lm	3360lm
<b>Efficiency</b>	>140 lm/w	
<b>Number of LED's</b>	66	
<b>Rendering Index</b>	>Ra80 (available Ra90)	
<b>SDCM (Mac Adam)</b>	3	
<b>Pst LM</b>	0,9	
<b>Strobo visible effect SVM</b>	0,4	
<b>Spread angle lens</b>	130°	
<b>Colour temperatures</b>	2700K	3000K 4000K

### ENVIRONMENTAL

<b>Led Tc point</b>	85°C
<b>Temperature range</b>	-40°C to 65°C
<b>Relative Humidity</b>	10-75%
<b>Ambient air pressure</b>	500-1060 hPa

### MECHANICAL


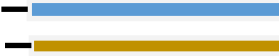
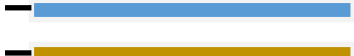
<b>Module dimension</b>	Diam. 240mm x h 15
<b>Weight</b>	200 gr
<b>Assembly holes</b>	4x4mm
<b>Connection</b>	No 1 connectors 2 poles

### LIFE LENGHT

<b>Life lenght L70B10</b>	>50 000h
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CODE	EPREL	W	K	Note
VEGAH 661832RG2V		18	2700	
VEGAH 661833RG2V		18	3000	
VEGAH 661834RG2V		18	4000	
VEGAH 662432RG2V		24	2700	
VEGAH 662433RG2V		24	3000	
VEGAH 662434RG2V		24	4000	

## Connection solutions

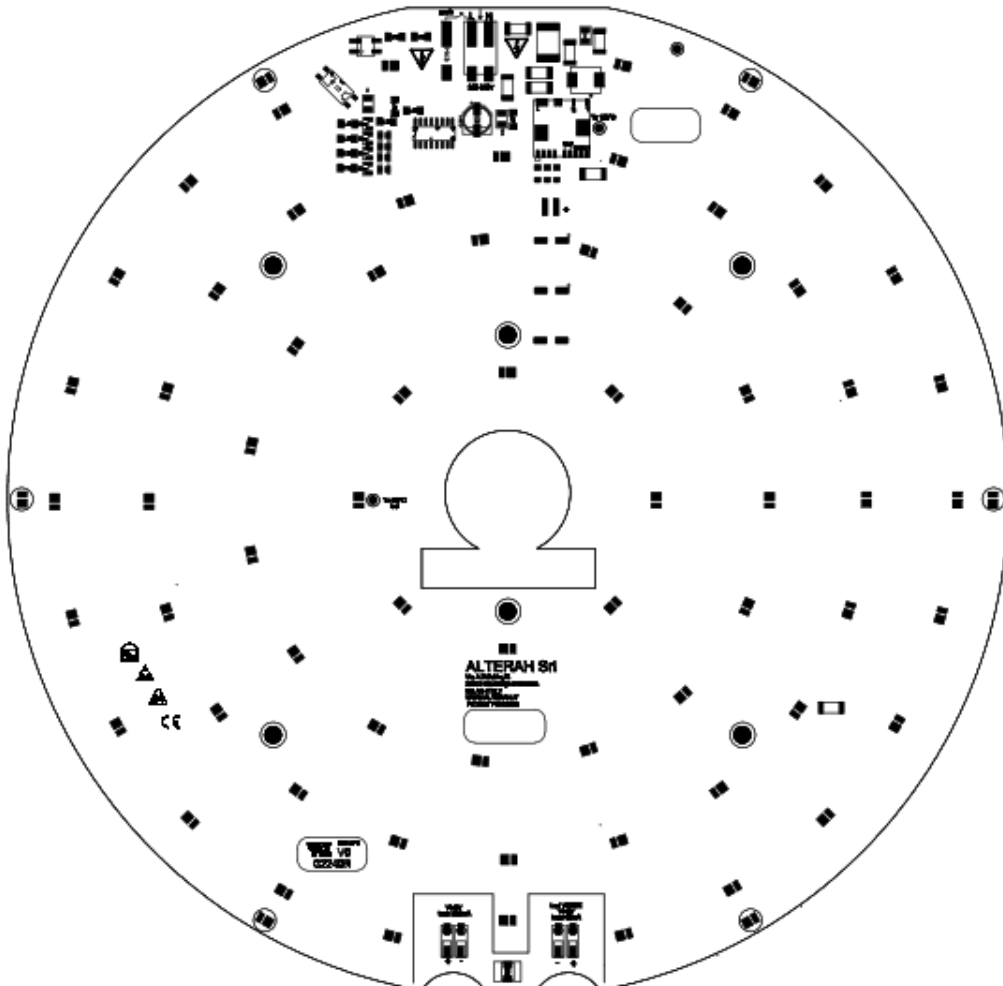
M	C2	C4
 <p>n° 2 connector WAGO ® 2060</p>	 <p>n° 2 Cable 20 cm pre-solded on the led the module</p>	 <p>n° 2 Cable 40 cm pre-solded on the led module</p>

## VH.nn.ww.v.k.s.G2.c.xx.yy

<b>NN</b>	Numero led
<b>WW</b>	Potenza
<b>Voltage</b>	(1) 110V (3) 230V (4) 240V (6) 24V
<b>K</b>	(2) 2700K (3) 3000K (4) 4000K (29) 2K7 CRI90 (39) 3K0 CRI90 (49) 4K0 CRI90
<b>S</b>	( C ) Cob ( Q ) Quadro ( R ) Rotondo (S) Lineare (K) Corona
<b>G2</b>	Generazione 2 ECODESIGN
<b>Capacitor</b>	(A) axial— (V) Vertical
<b>XX</b>	M2 (Connector) C2 (Cable 20cm) C4 (Cable 40cm)
<b>YY</b>	TM (Thermal pad mono adhesive) TB (Thermal pad bi adhesive)

**L-N Ac main connections wire**

Pin Spacing	4 mm / 0.157 in.			Conductor Data	
Ratings per	IEC/EN 60664-1			Connection technology	<b>CAGE CLAMP® S</b>
Overvoltage category	III	III	II	Conductor size: solid	0.2-0.75 mm <sup>2</sup>
Pollution degree	3	2	2	Conductor size: fine-stranded	0.2-0.75 mm <sup>2</sup>
Rated voltage	63 V	160 V	320 V	Conductor size: fine-stranded	0.25-0.34 mm <sup>2</sup> (with insulated ferrule)
Rated impulse voltage	2.5 kV	2.5 kV	2.5 kV	Conductor size: fine-stranded	0.25-0.34 mm <sup>2</sup> (with insulated ferrule)
Rated current	9 A	9 A	9 A	Conductor size: fine-stranded	0.25-0.34 mm <sup>2</sup> (with insulated ferrule)
Approvals per	UL 1977			AWG	24-18
Rated voltage, 1-pole	600 V			Strip length	7-9 mm / 0.28-0.35 in.
Rated voltage, 2 or more poles	250 V				
Rated current (UL)	9 A				



**Emergency PART only**

<b>Led in emergency</b>	No 06 — 6700K
<b>Voltage forwarder</b>	9 VDC min
<b>Input Current</b>	350mA MAX
<b>Schematic</b>	3 LED IN SERIES — 2 IN PARALLEL
<b>Led monitor</b>	No 1— Green
<b>Voltage forwarder</b>	3 VDC min
<b>Input Current</b>	20mA MAX

