

VEGAH 55_ _ _ _RG2V

Low Flicker - ECODESIGN

230Vac 10 - 15- 20 – 24W

Phase cut Dimmable

Emergency ready

Corridor function ready

No driver is required



Short form Characteristics
ELECTRICAL

| | | | | |
|----------------------------------|----------|-----|-----|-----|
| Power | 10W | 15W | 20W | 24W |
| Input Voltage | 230V | | | |
| Input Voltage range | 207-240V | | | |
| Power factor | 0,98 | | | |
| Total harmonic distortion | <15% | | | |
| Type of current | AC | | | |
| Surge protection | 1500V | | | |
| Fast transient burst | 2000V | | | |
| Over temp.protection | 150°C | | | |
| Energy class | E | | | |
| Inrush Current (max) | <30mA | | | |

PHOTOMETRICAL

| | | | | |
|----------------------------------|------------------------|--------|--------|--------|
| Flux nominal | 1150lm | 1725lm | 2300lm | 2760lm |
| Efficiency | >115 lm/w | | | |
| Number of LED's | 55 | | | |
| Rendering Index | >Ra80 (available Ra90) | | | |
| SDCM (Mac Adam) | 3 | | | |
| Pst LM | 0,9 | | | |
| Strobo visible effect SVM | 0,4 | | | |
| Spread angle lens | 130° | | | |
| Colour temperatures | 2700K 3000K 4000K | | | |

ENVIRONMENTAL

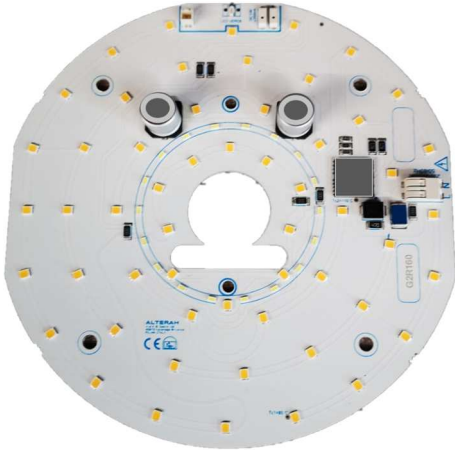
| | |
|-----------------------------|---------------|
| LED Tc point | 85°C |
| Temperature range | -40°C to 65°C |
| Relative Humidity | 10-75% |
| Ambient air pressure | 500-1060 hPa |

MECHANICAL

| | |
|-------------------------|-------------------------|
| Module dimension | Diam. 160mm X h 15 |
| Weight | 100 gr |
| Assembly holes | 4 x 4mm |
| Connection | No 1 connectors 2 poles |


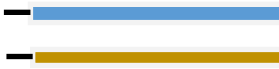
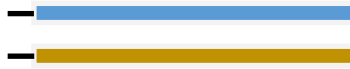
LIFE LENGHT

| | |
|---------------------------|----------|
| Life lenght L70B10 | >50 000h |
|---------------------------|----------|



| CODE | EPREL | W | K | Note |
|---------------|-------|----|------|------|
| VH 551032RG2V | | 10 | 2700 | |
| VH 551033RG2V | | 10 | 3000 | |
| VH 551034RG2V | | 10 | 4000 | |
| VH 551532RG2V | | 15 | 2700 | |
| VH 551533RG2V | | 15 | 3000 | |
| VH 551534RG2V | | 15 | 4000 | |
| VH 552032RG2V | | 20 | 2700 | |
| VH 552033RG2V | | 20 | 3000 | |
| VH 552034RG2V | | 20 | 4000 | |
| VH 552432RG2V | | 24 | 2700 | |
| VH 552433RG2V | | 24 | 3000 | |
| VH 552434RG2V | | 24 | 4000 | |

Connection solutions

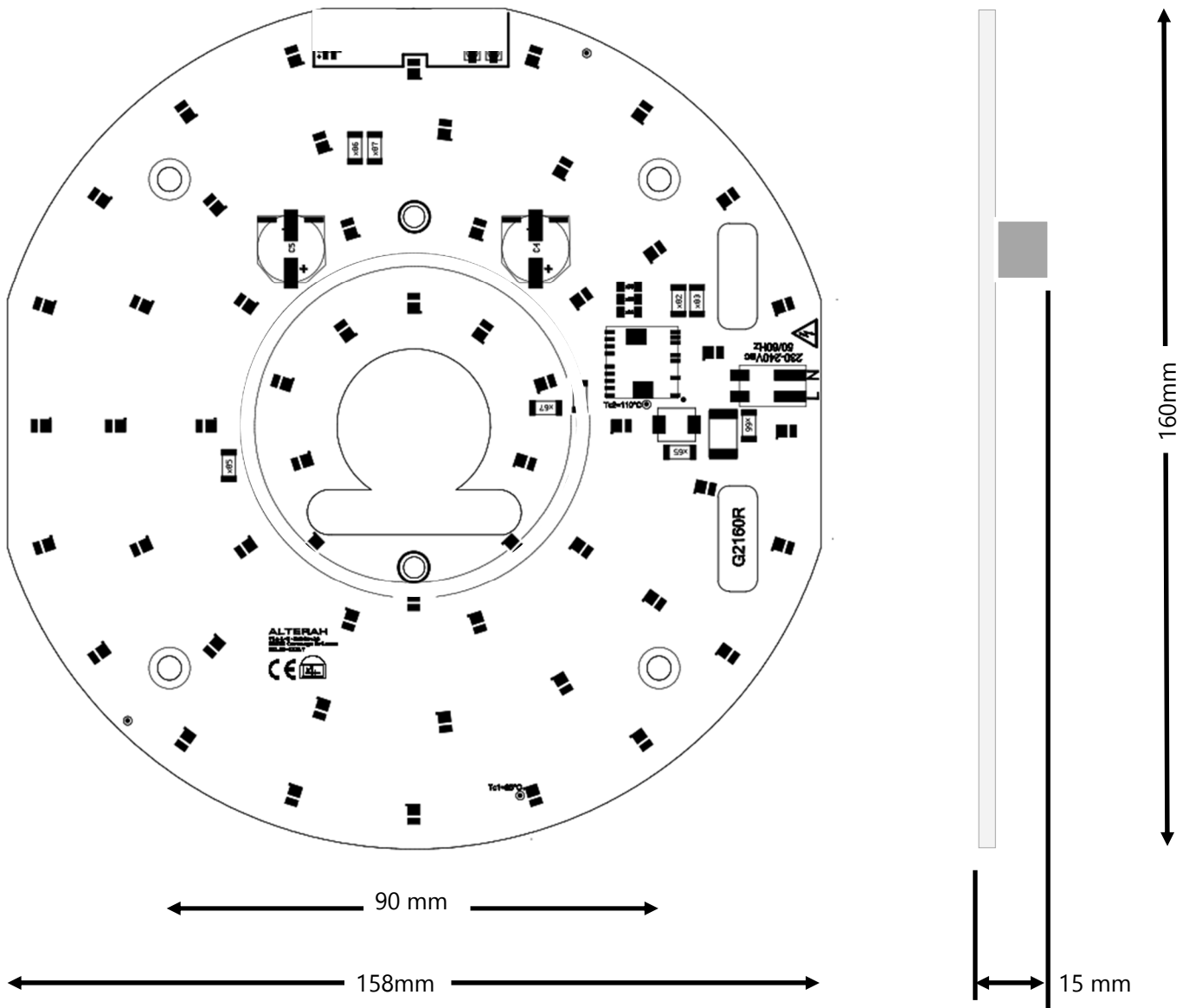
| M | C2 | C4 |
|---|--|--|
|  <p>n° 2 connector WAGO ® 2060</p> |  <p>n° 2 Cable 20 cm pre-solded on the led the module</p> |  <p>n° 2 Cable 40 cm pre-solded on the led module</p> |

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

| | |
|------------------|--|
| NN | Numero led |
| WW | Potenza |
| Voltage | (1) 110V (3) 230V (4) 240V |
| K | (2) 2700K (3) 3000K (4) 4000K (5) 5500K (29) 2K7 CRI90 (39) 3K0 CRI90 (49) 4K0 CRI90 |
| S | (C) Cob (Q) Quadro (R) Rotondo (S) Lineare (K) Corona |
| E | (E) emergency LED white + led green |
| G2 | Generazione 2 ECODESIGN |
| Capacitor | (A) axial— (V) Vertical |
| XX | M2 (Connector) C2 (Cable 20cm) C4 (Cable 40cm) |
| YY | 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 | CAGE CLAMP® S |
| Overtoltage category | III | III | II | Conductor size: solid | 0.2–0.75 mm ² |
| Pollution degree | 3 | 2 | 2 | Conductor size: fine-stranded | 0.2–0.75 mm ² |
| Rated voltage | 63 V | 160 V | 320 V | Conductor size: fine-stranded | 0.25–0.34 mm ² (with insulated ferrule) |
| Rated impulse voltage | 2.5 kV | 2.5 kV | 2.5 kV | Conductor size: fine-stranded | 0.25–0.34 mm ² (with insulated ferrule) |
| Rated current | 9 A | 9 A | 9 A | Conductor size: fine-stranded | 0.25–0.34 mm ² (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

| | |
|--------------------------|---------------------------------|
| Led in emergency | No 21 — 6700K |
| Voltage forwarder | 9 VDC min |
| Input Current | 350mA MAX |
| Schematic | 3 LED IN SERIES — 6 IN PARALLEL |
| Led monitor | No 1— Green |
| Voltage forwarder | 3 VDC min |
| Input Current | 20mA MAX |

