

Vulcan



The Vulcan is a 190 x 190mm square large area downlight. The downlight only requires 60mm of ceiling void making it ideal for installations where space is tight.

The heatsink is made from die-cast aluminium which houses the LED module. The bezel of downlight machined from aluminium ensuring a constant high quality finish with no surface blemishes. The product is then retained in ceiling by two sprung arms to allow for quick and easy installation.

Product

| | |
|--------|------|
| Vulcan | VLK/ |
|--------|------|

Lumen Output

| | |
|--------|-------|
| 1787lm | /1782 |
| 2382lm | /2382 |

Colour Temperature

| | |
|-------|-----|
| 3000K | /3K |
| 4000K | /4K |
| 6500K | /6K |

Beam Angle

| | |
|----------|-----|
| 90° Beam | /90 |
|----------|-----|

Standard Colours*

| | |
|---|---------|
| White | RAL9016 |
| White | RAL9010 |
| Black | RAL9005 |
| *Other colours available upon special request | |

Mounting

| | |
|-----------------------------|--|
| Recessed mounted as default | |
|-----------------------------|--|

Dimming

| | |
|-------------------------|-----|
| Fixed output as default | |
| DALI dimming | -DA |
| Switch dim/Touch dim | -SD |
| Mains dimming | -MD |
| Casambi | -CA |

Emergency

| | |
|---|-----|
| No emergency facility as default | |
| 3 hour internal pack | -E1 |
| 3 hour internal pack with self-test function | -E2 |
| 3 hour integral pack with DALI reporting function | -E3 |

Lighting Data

| Lumen Output | Wattage | l/cW |
|--------------|---------|-------|
| 1787lm | 14.0W | 127.6 |
| 2382lm | 18.7W | 127.4 |

| | |
|---------------------|-------------------------|
| CCT | 3000K 4000K 6500K |
| Light Source | SMD |
| SDCM | 3 |
| Longevity (L70/B10) | 60,000 Hours |
| Colour Rendering | RA>82 |
| UGR | <22 |

Technical Data

| | |
|------------------------|----------------------|
| IP Rating | IP54 |
| Construction | Diecast Aluminium |
| RAL colour (standard) | 9016 9010 9005 |
| Mounting Method | Recessed |
| Protective class | SELV |
| Impact Resistance (IK) | IK04 |
| Warranty | 5 Years |
| Certification | UKCA, CE, ROHS |

Electrical Data

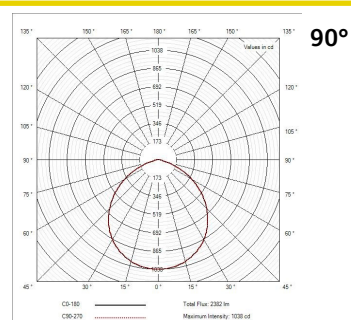
| | |
|----------------------------------|------------|
| Rated Supply Voltage | 220—240 V |
| AC Voltage Range | 198—264 V |
| Mains Frequency | 50/60 Hz |
| Output LF Current Ripple @ 120Hz | <1% |
| Overvoltage Protection | 320 V |
| In-rush Current | 2.5 A |
| THD | <10% |
| Power Factor | 95% |
| Parasitic Load | 0.9 W |
| Operating Temperature | -25 +60 °C |

Emergency Data

| | |
|-----|--------------|
| BLF | Lumen Output |
| 20% | 356lm |
| 15% | 356lm |

| | |
|-----------------------|----------------------------------|
| Emergency Duration | 3 Hours |
| Recharge Period | 24 Hours |
| Battery Type | LiFePO4 (Lithium Iron Phosphate) |
| Battery Pack | 3 x 3.2V 1.5Ah |
| Parasitic Load | 1.2W |
| Operating Temperature | 0–60 °C |
| Power Efficiency | 95% |
| Certification | UKCA, CE, ROHS |

Standard Photometry



Dimensions

| | |
|----------------|------------------|
| Fixing Centres | 165 x 165mm |
| Dimensions | 190 x 190 x 58mm |
| Weight | 2.1 kg |

