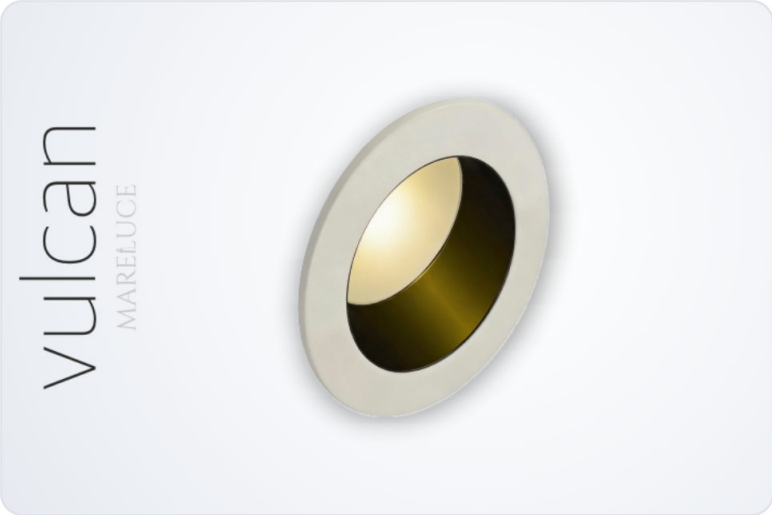
DOWNLIGHT COLLECTION · RECESSED

# VULCAN

Recessed high-power LED downlight in SS 316L or aluminium · 3 sizes · medium beam




| | |
|---|---|
| POWER<br>3 · 6 · 12 W | EFFICACY<br>125 lm/W |
| LIGHT SOURCE<br>LED · CRI 80 | BEAM<br>Medium |
| PROTECTION<br>IP44 – IP66 | BODY<br>SS 316L · Al |

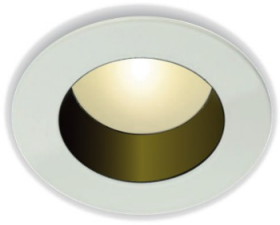
## Overview

VULCAN is a recessed downlight with a body in marine-grade SS 316L stainless steel or aluminium. A high-power LED source with CRI 80 delivers up to 125 lm/W with a medium beam. Three sizes — Vulcan-40, Vulcan-55 and Vulcan-70 — provide 3 W, 6 W and 12 W in 2700K, 3000K, 4000K or DW (dynamic white) + red. The luminaire runs on 8–32 VDC with an integrated driver, dims via PWM and can be integrated into 1–10V, DMX512, DALI and Wi-Fi control systems. With IP44 to IP66 protection and ten body finishes, VULCAN fits interior and exterior areas on board.

## Specifications

| | |
|---|---|
| Power | **3 W / 6 W / 12 W (3 models)** |
| Supply voltage | **8–32 VDC** |
| Driver | **Integrated** |
| Dimming | **PWM** |
| Colour temperature | **2700K / 3000K / 4000K / DW (dynamic white) + red** |
| Luminous efficacy | **125 lm/W (max.)** |
| Light source | **High-power LED** |
| Colour rendering | **CRI 80** |
| Beam | **Medium** |
| Body material | **SS 316L or aluminium** |
| Body finishes | **10 options (see page 2)** |
| IP rating | **IP44 – IP66** |
| Operating temperature | **–30 °C … +50 °C** |
| Protection class | **III** |
| Installation | **Recessed, spring clips** |

## Front View



## Compliance

**UKCA**
UK conformity assessed

**CE**
European conformity

**RoHS**
RoHS compliant

**Class III**
Safety extra-low voltage

**F mark**
For normally flammable surfaces

**–30 °C … +50 °C**
Operating temperature

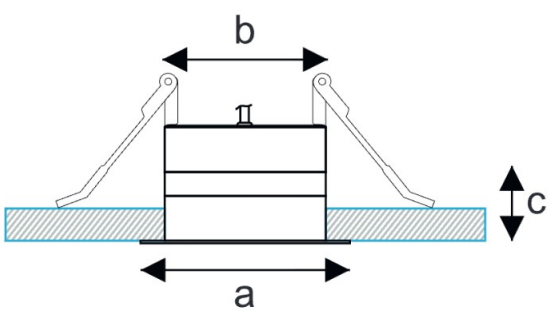
ORDERING INFORMATION

## Product Code

| VUL | 40 · 55 · 70 | 3 · 6 · 12 | 316 · AL | PSS ... G | 2700K · 3000K · 4000K · D | MID |
|---|---|---|---|---|---|---|
| SERIES<br>VULCAN | SIZE<br>40 / 55 / 70 | POWER (W)<br>Matches size | BODY<br>SS 316L / Aluminium | FINISH<br>See body finishes | CCT | BEAM |

Example: VUL-55-6-316-MSS-3000K-MID — Vulcan-55, 6 W, SS 316L, matt 316L finish, 3000K, medium beam

## Dimensions (mm)




## Models

| MODEL | CODE | POWER | A | B | C |
|---|---|---|---|---|---|
| **Vulcan-40** | VUL-40-3 | 3 W | 55 | 40 | 45 |
| **Vulcan-55** | VUL-55-6 | 6 W | 70 | 55 | 50 |
| **Vulcan-70** | VUL-70-12 | 12 W | 85 | 70 | 65 |

a: outer trim diameter · b: body diameter · c: overall height. All dimensions in mm.

## Body Finishes

- **PSS** Polished 316L
- **MSS** Matt 316L
- **SSS** Satine 316L
- **MB** Matt Black
- **MW** Matt White
- **RAL** RAL Code
- **AN** Silver Anodised
- **MBR** Matt Bronze
- **MG** Matt Gold
- **G** Gold

## Beam




## Colour Temperature

- 2700K Extra warm white
- 3000K Warm white
- 4000K Neutral white
- DW+RED Dynamic white + red

## Control Options




- **PWM** — integrated dimming
- **1–10V** — via compatible controller
- **DMX512** — via compatible decoder
- **DALI** — via compatible controller
- **Wi-Fi** — via compatible Wi-Fi controller

Light output and power may vary by up to ±10% due to production and component tolerances. Driver integrated; supply 8–32 VDC. IES files available on request.