

# 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/
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## Lumen Output

1787lm	/1782
2382lm	/2382

## Colour Temperature

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

## Beam Angle

90° Beam	/90
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## Standard Colours\*

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

## Mounting

Recessed mounted as default	
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## 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	lm/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

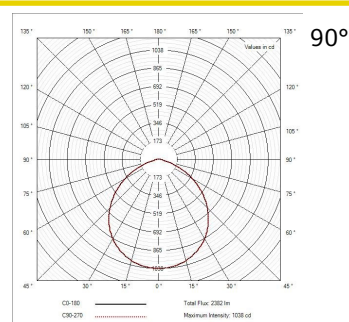
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<1%
Overvoltage Protection	320 V
In-rush Current	2.5 A
THD	<10%
Power Factor	95%
Parasitic Load	0.9 W
Operating Temperature	-25 +60 °C

## Emergency Data

EOF	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

