

# Brevis D



The Brevis D (Diffuser) is a Ø195mm large area downlight which can be surface (Standard) or suspended mounted.

The heatsink is built into the body of the product which enables the downlight to run at cool temperatures without the common need for vents in the vertical walls. The Brevis D therefore has a minimalist architectural appearance without any visible fixings and very light weight thanks to its aluminium construction.

The downlight also has an IP44 rating when surface mounted.

## Product

Brevis D	BRE/D
----------	-------

## Lumen Output

1644lm	/1644
2192lm	/2192

## 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

Surface mounted as default	
Suspended - 2.0m suspension kit complete with ceiling rose	-S

## Dimming

Fixed output as default	
DALI dimming	-DA
Switch dim/Touch dim	-SD
Mains dimming	-MD
Casambi dimming	-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
1644lm (4000K)	14.1W	116.6
2192lm (4000K)	18.8W	116.6

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	IP44 (Surface Mounted)
Construction	Diecast Aluminium
RAL colour (standard)	9016 9010 9005
Mounting Method	Surface 2m Suspension
Protective class	I
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	<5%
Overvoltage Protection	320 V
In-rush Current	2.5 A
THD	<10%
Power Factor	0.95
Parasitic Load	0.9
Operating Temperature	-25 +60 °C

## Emergency Data

BLF	Lumen Output
20%	326
15%	326

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

