

PRODUCT DATASHEET

StockCode:	CEB1060	Date:	24/08/2022
Description:	AVG-C-F400	Rev:	5
Product Group:	CEB	Status:	Current
Doc Ref:	PDS-0014-05		



Electrical:

Rated operational voltage (Ue)	230V ac (min 210, max 260V)
Rated frequency (f)	50/60 Hz
Rated current (Ie)	0.035A
Rated wattage (W)	9W
Rated insulation voltage (Ui)	500V ac
Rated impulse with-stand voltage (Uimp)	2.5 kV
Power factor (pF)	> 0.85
Thermal & Shortcircuit Protected	Yes

Mechanical:

AVG4 Gallery	76mm post top or outreach bracket
	Aluminium grade LM6
	Finish powder coat black (80 microns min)
	Fixings A4 marine grade stainless steel
AVG4 Globe	CEB1039, AVG4 Amber Globe (CHAB2A)
	Nominal sphere diameter 300mm
	Thickness, sphere 2mm, at the neck 3mm
	Material polyethylene MDPE UV8 stabilised
	Rotationally moulded for uniformity
Lamp holder fitting & type	Brass, ES type E27
Light source	CEB1600, CELstar3F
Pre-wired flexible cable	Flexible Cable 2.5/3C Artic Grade Blue (3183YAG)
	Length 6 m
Overall dimensions H x W x D (mm)	395 X 300 x 300
Total Weight	3 kg
Ingress protection	IP54

Note: we reserve the right to change the above information without prior notice.
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External mechanical impact	IK08
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Normal Service Conditions:

Ambient air temperature for operation	-20 °C to 35 °C
Altitude	< 2000m
Relative Humidity	91-95% @ 20-30 °C
Pollution degree	3
Service life (LEDs)	L80 B10 @ 50000 hours

Operation:

Flash rate	40 ± 4 per minute
Flash synchronization	No
Lamp driver	Constant current
Light period ON	50% & 60% of total cycle time
Light period OFF	≤ 0.75 seconds
Luminous flux	367 lm
Efficacy	48.39 lm/W

Chromaticity & Luminance:

Chromaticity coordinates CIE 15 [N2] - Night	X = 0.4790, Y = 0.5089
Chromaticity coordinates CIE 15 [N2] - Day	X = 0.4391, Y = 0.4949
Luminance 300 to 1200 cd/m ²	817 cd/m ²
Uniformity - luminance & chromaticity > 0.66	0.818

Standards:

BS 8442:2022	
BS EN IEC 60598-1:2021	
BS EN IEC 60598-2-1:2021	
EN 62560:2012	
EN 62471:2008	
EN 62493:2010	
EN 55015:2013	
EN 6100-3-2:2014	
EN 6100-3-3:2013	
EN 61547:2009	
IEC 62321-3-1:2013	
BS EN 13032-1	

UK Regulations:

Electrical Equipment (Safety) Regulations 2016	No. 1011
Electromagnetic Compatibility Regulations 2016	No. 1091
The Restriction of the Use of Certain Hazardous Substances - in Electrical & Electronic Equipment Regulations 2012	No. 3032

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EU Directives:

LVD 2014/35/EU	
EMC 2014/30/EU	
RoHS 2011/65/EU	

UMSUG code:

7946009002100	
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Add-on Items:

AVG4 (Non-Halo) Courtesy Shield & Fastener Kit	Order code CEB1093
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Other related documents:

Belisha Range - AVG4 Installation Guidance	
UK Declaration of Conformity	
EU Declaration of Conformity	

Notes:

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