Up/ down wall light As specified below, or similar available product

95555

Palin Photocell

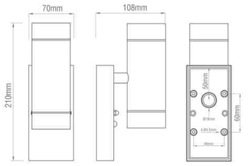


FEATURES

- 2 years warranty
- Matt black & clear glass finish
- Constructed from stainless steel & clear glass
- Complete with built in photocell
- 10±5Lux ON ,30±10Lux OFF
- IP44

SPEC DATA

Product Wattage:	2 x Max. 7W GU10 (required)
Dimmable:	No
Product Voltage:	220-240V
Hertz:	50/60
Product Weight (KG):	0.7
Terminal Block:	3-way
Class:	1



ACCESSORIES

70257, 7W GU10 LED 60°, 3000K
70258, 7W GU10 LED 60°, 4000K
74045, 7W GU10 LED 60°, 6000K
92537, 5W GU10 LED blue

Saxby Lighting, Cabot Lane, Creekmoor, Poole, Dorset, BH17 7BY.
T: (+44) 033 00 555 885 F: (+44) 01202 409811 E: sales@saxbylighting.com
www.saxbylighting.com

Bollard light As specified below, or similar available product





Small (Mini/Short) Bollard. To order, change CB20-xxx-xx-x to CBS20-xxx-xx-x.

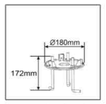
The Cosham 20W is an IP65 / IK10 rated LED bollard featuring a silver optical controller to ensure minimal upward glare and a symmetrical spread for an enhanced visual experience.

Manufactured from extruded die-cast aluminium and a transparent strong UV stabilised polycarbonate diffuser for high efficiency and vandal resistance.

Options available include Bolt-on Root Mount, Spill Shield, Dali, Mini Photocell and 3hr Emergency.

Cosham 20W - LED Bollard

Bollard Lighting



Root Mounting Kit. To be ordered separately, code: **FIX 0053.**



300mm Bolt-on Root Mounting. To be ordered separately, code: **FIX 0054.**



Factory fitted Spill Shield. To order, change CB20-xxx-xx-x to CBH20-xxx-xx-x.

Features & Benefits

- LED rating 2,640lm (4K & 6K).
- LED rating 2,233lm (3K).
- Luminaire flux 2,249lm(4K & 6K).
- Luminaire flux 1,898lm (3K).
- Total wattage 20W.
- Warm White (3K), Neutral White (4K) and Cool White (6K) colour temperature options.
- IP65 / IK10 rated.
- -20 to +40°C operating temperature (Emergency 0 to +40°C).
- LED life span > 100,000hrs.
- Osram LED and Osram driver.
- Easy access to LED and driver via a removable head.
- Options available include Bolt-on Root Mount, 180° Spill Shield, Dali, Mini Photocell and 3hr Emergency.
- Tamper proof fixings for increased vandal resistance.
- Fused main terminal block.
- Small (Mini/Short) bollard version available.

Applications

- Prestigious Grounds
- Walkways
- Car Parks
- Security
- Parks & Gardens
- Amenity Areas

Kelvin Options

3000K Warm White · 4000K Neutral White · 6000K Cool White

Painted Options

Osram B RAL* 9005

NB: additional RAL colours on request.

www.gemmalighting.com
+44 (0) 2392 315 911

Dimensions



Fig.1: Regular Bollard.
Fig.2: Small (Short/Mini) Bollard.

Specifications

Cosham 20W

Item Number	Description	Light Source	LED Rating (lm)	Total Wattage (W)	CCT (K)	CRI	Voltage (VAC)	Driver Current (mA)	Luminaire Flux (lm)	Luminaire Efficacy (lm/W)	Kg	Height (mm)	Unit Colour
Standard													
CB20-A3C-00-B	Cosham-20W-LED-AC-6K-Std-Black	LED	2,640	20	6K	Ra>70	220-240	350	2,249	112	6.4	1000	Black
CB20-A3N-00-B	Cosham-20W-LED-AC-4K-Std-Black	LED	2,640	20	4K	Ra>70	220-240	350	2,249	112	6.4	1000	Black
CB20-A3W-00-B	Cosham-20W-LED-AC-3K-Std-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,898	95	6.4	1000	Black
Standard - Mini Photocell													
CB20-A3C-04-B	Cosham-20W-LED-AC-6K-Std-M/Photocell-Black	LED	2,640	20	6K	Ra>70	220-240	350	2,249	112	6.4	1000	Black
CB20-A3N-04-B	Cosham-20W-LED-AC-4K-Std-M/Photocell-Black	LED	2,640	20	4K	Ra>70	220-240	350	2,249	112	6.4	1000	Black
CB20-A3W-04-B	Cosham-20W-LED-AC-3K-Std-M/Photocell-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,898	95	6.4	1000	Black
Standard - Emergency													
CB20-A3C-01-B	Cosham-20W-LED-AC-6K-Std-E3-Black	LED	2,640	20	6K	Ra>70	220-240	350	2,249	112	7.2	1000	Black
CB20-A3N-01-B	Cosham-20W-LED-AC-4K-Std-E3-Black	LED	2,640	20	4K	Ra>70	220-240	350	2,249	112	7.2	1000	Black
CB20-A3W-01-B	Cosham-20W-LED-AC-3K-Std-E3-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,898	95	7.2	1000	Black
Standard - Mini Photocell - Emergency													
CB20-A3C-10-B	Cosham-20W-LED-AC-6K-Std-M/Photocell-E3-Black	LED	2,640	20	6K	Ra>70	220-240	350	2,249	112	7.2	1000	Black
CB20-A3N-10-B	Cosham-20W-LED-AC-4K-Std-M/Photocell-E3-Black	LED	2,640	20	4K	Ra>70	220-240	350	2,249	112	7.2	1000	Black
CB20-A3W-10-B	Cosham-20W-LED-AC-3K-Std-M/Photocell-E3-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,898	95	7.2	1000	Black

(table continued overleaf)

www.gemmalighting.com
+44 (0) 2392 315 911

Bulkhead light As specified below, or similar available product

JCC | a LEVITON company

JC070075

RadiaLED Rapid

RadiaLED Rapid IP65 4000K 12W + With RIM



Features & Benefits

- 2.5x Faster to install than traditional LED bulkheads
- Detachable terminal, for simple wiring connection
- Multiple cable entry, central and offset rear entry points
- 20mm conduit entry, on top, bottom, sides and rim
- Clip-in tool-less LED gear tray design
- Smooth, even light distribution
- IK10, maximum impact rating
- IP65 protection against dust and moisture
- Emergency, microwave and dimmable options
- Complete with white rim as standard

116° · CRI 84 · IP65 · IK10 · 5yr warranty

General Information

Mounting	**Wall or ceiling**
Trade Name	**RadiaLED**
Environment	**Demanding**
Suitable For Zones	**Suitable for inside Zone 1**
Product Group	**LED- Surface**
Color Finish	**White**
Product Shape	**Round**
Product Range	**RadiaLED Rapid**
IK Rating	**IK10**
Overall Dimensions	**Ø340 x 98.3**
Height (mm)	**98.3**
Diameter (mm)	**340**
Product Weight(kg)	**1.2**
Light Source	**LED**
Light Source Features	**Neutral White**
Luminaire Accessories	**JC070203 -4 security screws, JC070204 -Tool for RadiaLED Rapid security screws. 5 rim options including eyelid**

Recommended Product Location	**Suitable for interior and exterior applications for ceiling and wall mounting**
Method Of Fix	**Back screw fix or BESA plate mounting**
Distance From Lighted Object	**0.3**
IP Rating	**IP65**
Origin of manufacturer	**China**
Warranty	**5 Year Warranty (See Website for terms and conditions)**
Driver Manufacturer	**KG Power**
LED Manufacturer/Type	**3528/Nationstar**
Lighting Product Type 1	**Ceiling mount**
Lighting Product Type 2	**Wall light**
Customs Tariff code**	**9405119090**

Electrical

Voltage Rating	**220-240**
Primary Running Current(Amp)	**0.16**
Operating Frequency Hz	**50/60**
Secondary running current(mA)	**300**
Constant Current or Constant Voltage	**CC**
Luminaire Circuit Wattage	**12**
Class	**II**
Output Voltage Max/Range (VDC)	**25-40**
EMC Compliant (EN55015)	**Yes**
Power Factor Correction	**0.5**
Input Electrical Connections	**Live, Neutral, with earth provision**
Dimmable	**No**

Thermals

Operating Temperature Range °C	**0 to +45**

Performance Data

LED Life (Hours)*	60000
Energy Rating	This product contains a light source of energy efficiency
Actual Lumen Output	900
Lumens Per Circuit Watt	104
Standard Deviation Colour Matching (SDCM)	<6
Colour Rendering Index	80-89
CRI: Ra	**84**
Correlated Color Temperature	**4000**
Beam Angle °	**116**
LOR (Light Output Ratio) %	**100**
Photometry Available	**Yes**

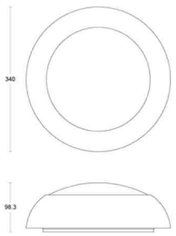
Primary Material	**Polycarbonate**
Outer Diffuser	**Polycarbonate**
LED Brand	**Nationstar**
Heat Sink	**PA6 nylon**
Driver Housing	**Polycarbonate**
Rim Or Attachment	**Polycarbonate**

Packaging

Product carton overall dimensions(cm)	**35 x 35 x 11 cm**
Product Packaged Weight(kg)	**1.48**
Quantity Per Outer Carton	**8**
Outer carton(L)- cm	**72**
Outer carton(W)- cm	**37**
Outer carton(H)- cm	**46.5**
Outer carton Net weight- kg	**11.84**
Outer carton Gross weight- kg	**12.51**
Product Bar Code EAN-13 Number	**5052544106217**
Outer carton Bar Code ITF-14 Number	**15052544106214**

Standards & Approvals

Manufactured In Accordance To	**BS EN 60598-2-1**
CE Marked	**Yes**
UKCA Marked	**Yes**
Date code/Purchase order No.	**Yes**
WEEE Symbol	**Yes**
Certificate Of Conformity	**Available on request**
Accredited Members	**LIA, ISO9001-2015, ISO14001-2015**



Notes

Copyright
© Robert Doughty Consultancy Limited.
All rights described in the Copyright, Designs and Patents Act 1988 have been asserted.

Ordnance Survey Map
© Crown Copyright. OS Licence No: AR 100010613.

Dimensions
All dimensions shown are for the purposes of obtaining the relevant planning permission only.

CDM 2015
This drawing is for illustrative purposes and/or obtaining the relevant planning permission only. It should not be used for construction and accordingly, risk identification under the Construction (Design & Management) Regulations 2015 has not been undertaken.

Rev	By	Description	Date
A	SB	Revised Bulkhead lighting spec	11.11.24

Current revision checked by: -

rdc
Robert Doughty Consultancy

32 High Street, Helpringham
Sleaford, Lincolnshire, NG34 0RA

Tel:01529 421646
Email:admin@rdc-landplan.co.uk
Web: www.rdc-landplan.co.uk

Client
R K Wilson Builders Ltd

Project
Land off Windmill Lane
Gosberton Risegate

Drawing
Lighting specification sheet

Scale @ A1	Date
NTS	20/08/24
Drawn By	**Checked By**
WW	-

Job Number	Status	Purpose of Issue
1443-4	CC	Condition Compliance

Drawing No.	Rev
1443-4_CC_PL01	A