



SQUARE FEET ARCHITECTS

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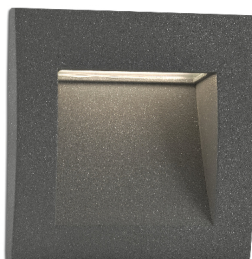
HOUSES TO REAR OF 29/33 ARKWRIGHT ROAD NW3 6BJ

PLANNING APPROVAL 2019/1697/P dated 24 June 2020

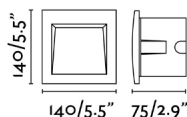
APPLICATION FOR APPROVAL OF DETAIL RESERVED BY CONDITION 22

EXTERNAL LIGHTING STRATEGY

DETAILS OF LIGHT FITTINGS



Wall recessed lamp with LED technology for garden and terrace lighting, built in aluminium. The light source is SMD LED 3W 3000K 122Lm. Flush mount box and driver are included. This LED recessed lamp is ideal for outdoor signal lighting. This luminaire features IP65 that gives high protection against rain and solids.



General characteristics

Type	I
IP	65
voltage	100V-240V
Hertz	50/60HZ
Flush box	SI
Flush box dimensions	128x112mm
IK	8

Material

Body/Structure	ALUMINIO
Diffuser	Polycarbonato

Finish

Body/Structure	Gris Oscuro
Diffuser	Opal

Lighting characteristics

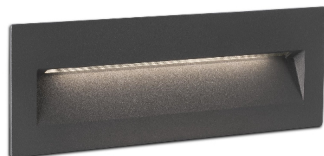
Light source included	
Cutting size	128x112mm
Light source	SMD LED
Temperature	3000K
LM	90
CRI	>80
Flow symmetry	ASIMETRICO
Degrees of light aperture	70

Driver

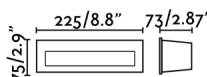
Requires Driver	SI
Driver embedded	SI
Electrical requirements	3W

File download

General documents	Download >
Images	Download >



LED recessed lamp for garden and terrace lighting, built in die cast aluminium. The light source is SMD LED 6W 3000K. This wall LED recessed lamp is ideal for outdoor signal lighting. This luminaire features IP65 that gives high protection against rain and solids.



General characteristics

Type	I
IP	65
voltage	100V-240V
Hertz	50/60HZ
Flush box	SI
Flush box dimensions	215x65x70mm
IK	8

Material

Body/Structure	ALUMINIO
Diffuser	Polycarbonato

Finish

Body/Structure	Gris Oscuro
Diffuser	Transparente

Lighting characteristics

Light source included	
Cutting size	215x65x70mm
Light source	SMD LED
Temperature	3000K
MacAdam Steps	5 SDCM
LM	330
CRI	>80
LED lifetime	LM80
Flow symmetry	ASIMETRICO
Degrees of light aperture	120

Driver

Requires Driver	SI
Driver embedded	SI
Electrical requirements	8W

File download

General documents	Download >
Images	Download >

GENERAL

LOCATION:	Bathroom
CLASS:	CE (Class II)
IP RATING:	IP65
BATHROOM ZONE:	Zone 1, 2, 3
DRIVER REQUIRED:	No
INSTALLATION ORIENTATION:	Ceiling Mount - Install in to existing ceiling
MAIN MATERIAL:	Metal - Mild Steel
DIMENSIONS (mm):	H: 78 + lamp length Ø: 100
CUT OUT HOLE (mm/inches):	Ø: 86 / 3-3/8
RECESS DEPTH (mm):	150
FIRE RATING:	30 min, 60 min & 90 min EN1365-2
CABLE LENGTH (mm):	-
GROSS WEIGHT (kg):	0.36

LAMP

LIGHT SOURCE:	LED GU10
WATTAGE:	6W MAX
RECOMMENDED LAMP:	6W MAX LED GU10
LAMP INCLUDED:	No
MAXIMUM LAMP LENGTH (mm):	57
LUMINOUS FLUX (lm):	Lamp Dependent
COLOUR TEMP (K):	Lamp Dependent
CRI (Ra):	Lamp Dependent
MACADAM ELLIPSE:	Lamp Dependent
TILT ADJUSTABLE ANGLE (°):	-
ROTATION ADJUSTABLE ANGLE (°):	-
LIFETIME (hrs):	Lamp Dependent
BEAM ANGLE (°):	Lamp Dependent

ELECTRICAL

SWITCHED:	No
DIMMABLE:	Yes
DIMMING METHOD:	Lamp Dependent
SUPPLY FREQUENCY (Hz):	-
DRIVER/BALLAST VOLTAGE (V):	-
DRIVER LIFETIME (hrs):	-
EFFICACY (lm/W):	Lamp Dependent

ADDITIONAL INFORMATION:

SHADE INCLUDED:	-
SHADE/DIFFUSER MATERIAL:	Glass
SHADE/DIFFUSER FINISH	Clear
F MARK:	Not suitable for mounting on flammable materials



CODE: 1249034
FINISH: MATT WHITE



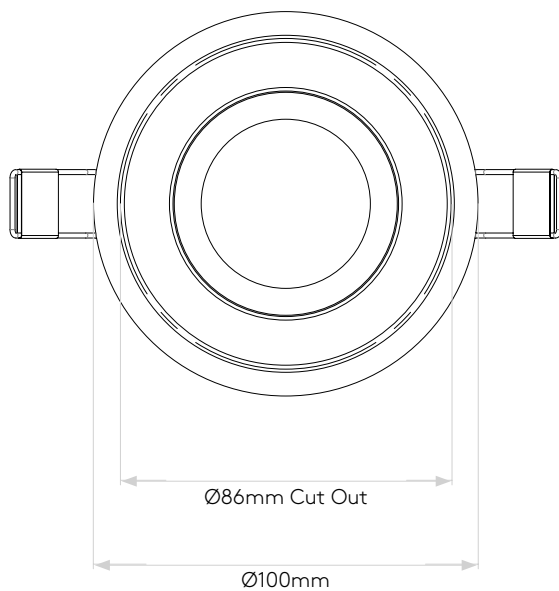
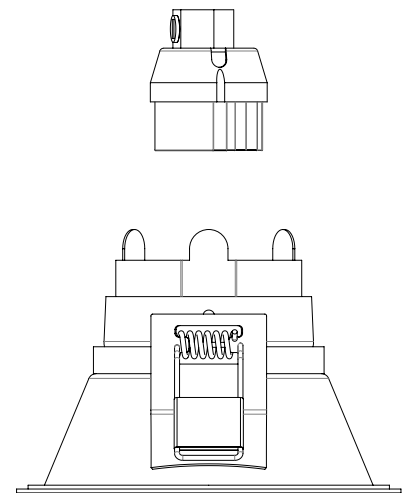
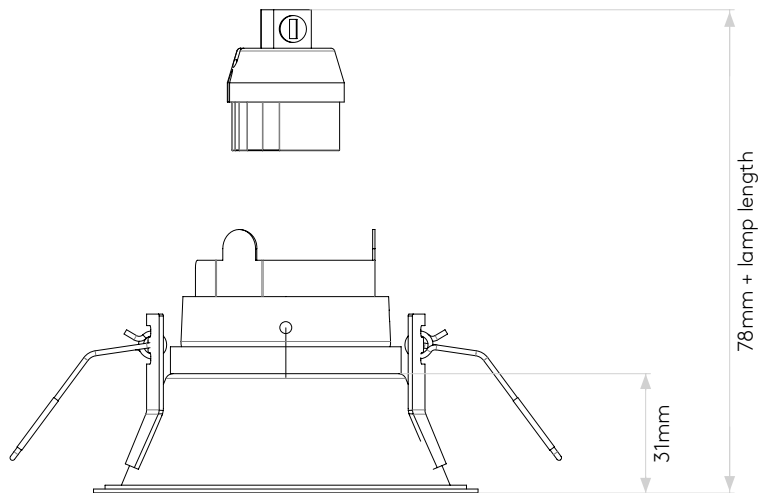
CODE: 1249035
FINISH: MATT BLACK

TO MAINTAIN THIS PRODUCT TO ITS BEST CONDITION, PLEASE VIEW OUR CARE AND CLEANING GUIDE ON THE SUPPORT SECTION OF THE ASTRO WEBSITE.

Pour entretenir au mieux ce produit, veuillez consulter notre guide d'entretien et de nettoyage, dans la rubrique d'aide sur le site Web d'Astro.

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Per mantenere questo prodotto nelle sue migliori condizioni, consultare la nostra guida per la manutenzione e la pulizia nella sezione dedicata all'assistenza del sito Web Astro.



Please note that some dimensions may vary slightly due to manufacturing tolerances, this includes cable entry and fixing holes

Veuillez noter que certaines dimensions peuvent varier légèrement en raison des tolérances de fabrication, y compris l'entrée de câble et les trous de fixation.

Bitte beachten Sie, dass die Maße Fertigungstoleranzen unterliegen und daher in geringem Umfang von der angegebenen Größe abweichen können. Dies gilt auch für Kabeingänge und Befestigungslöcher.

Si prega notare che possono esserci piccole variazioni in alcune dimensioni dovute alle tolleranze di produzione, queste includono l'ingresso del cavo e i fori di fissaggio.

BAYVILLE SPIKE SPOT 900

astro

GENERAL

LOCATION:	Exterior
CLASS:	CE (Class I)
IP RATING:	IP66
BATHROOM ZONE:	Zone 1, 2, 3
DRIVER REQUIRED:	No
INSTALLATION ORIENTATION:	Ground/Floor
MAIN MATERIAL:	Metal - Aluminium
DIMENSIONS (mm):	H: 900 W: 55 D: 120
CUT OUT HOLE :	-
RECESS DEPTH (mm):	-
FIRE RATING:	-
CABLE LENGTH (mm):	2500
GROSS WEIGHT (kg):	1.46

LAMP

LIGHT SOURCE:	AC LED Module
WATTAGE:	8.1W
LAMP INCLUDED:	Yes (Integral)
MAXIMUM LAMP LENGTH (mm):	-
LUMINOUS FLUX (lm):	490
COLOUR TEMP (K):	3000
CRI (Ra):	80
MACADAM ELLIPSE:	3-Step
TILT ADJUSTABLE ANGLE (°):	90
ROTATION ADJUSTABLE ANGLE (°):	330
LIFETIME (hrs):	40000
BEAM ANGLE (°):	35

ELECTRICAL

SWITCHED:	No
DIMMABLE:	Yes
DIMMING METHOD:	Phase - Leading & Trailing Edge
SUPPLY FREQUENCY (Hz):	50/60
DRIVER/BALLAST VOLTAGE (V):	210-250
DRIVER LIFETIME (hrs):	40000
EFFICACY (lm/W):	61

ADDITIONAL INFORMATION:

SHADE INCLUDED:	-
SHADE/DIFFUSER MATERIAL:	-
SHADE/DIFFUSER FINISH	-
F MARK:	Suitable for mounting on flammable materials



CODE: 1401012
FINISH: TEXTURED BLACK

THIS PRODUCT IS SUITABLE FOR ONEROUS ENVIRONMENTS AND CAN BE INSTALLED WITHIN FIVE MILES OF THE COAST - THREE YEAR WARRANTY APPLIES.

Ce produit convient aux environnements difficiles et peut être installé à 8 km environ des côtes. Il bénéficie d'une garantie de trois ans.

Dieses Produkt ist für anspruchsvolle Umgebungen geeignet und kann innerhalb von fünf Meilen (acht Kilometern) von einer Küste entfernt installiert werden - es gilt eine dreijährige Garantie.

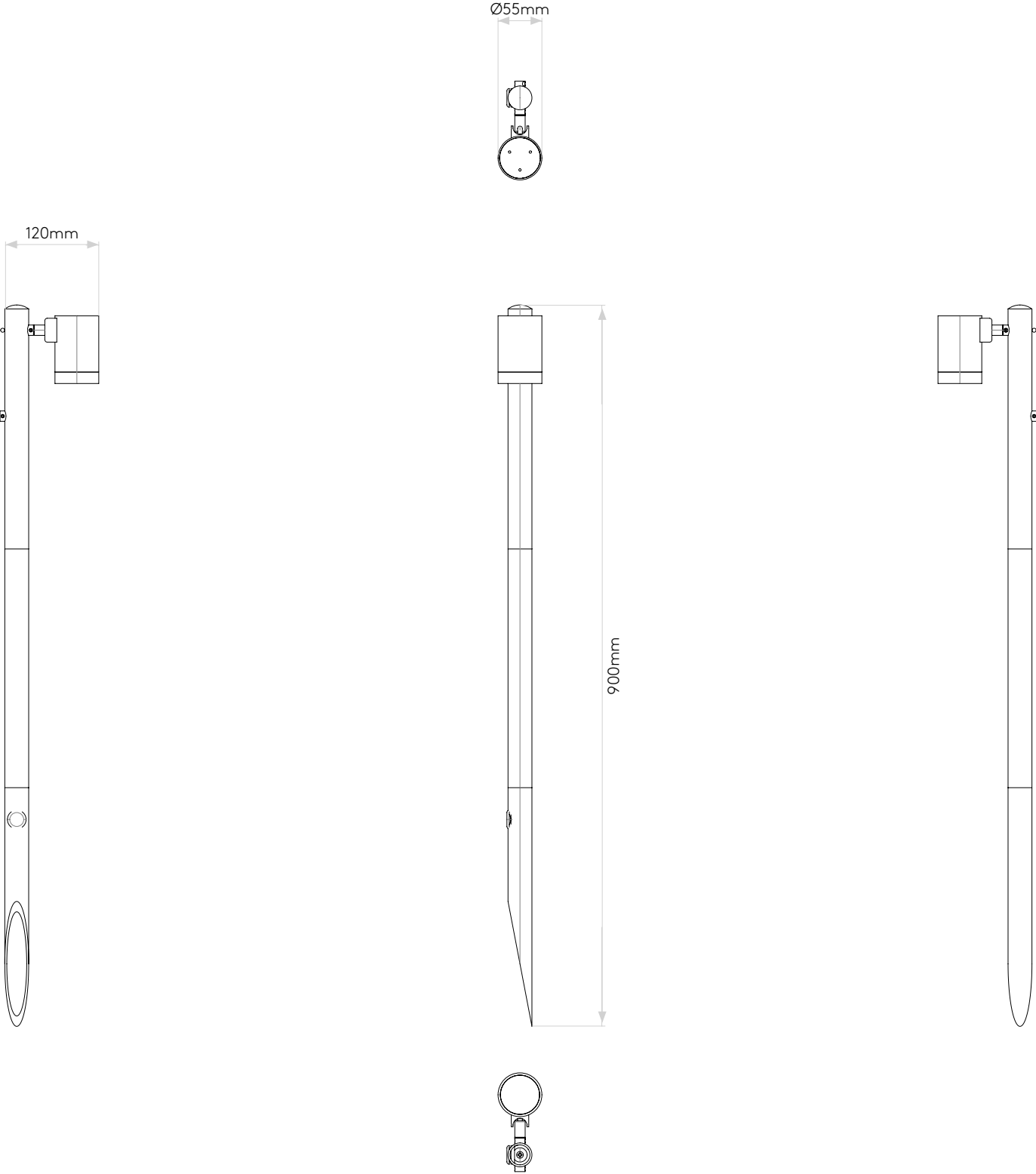
Questo prodotto è adatto per ambienti gravosi e può essere installato entro 8 chilometri dalla costa. Il prodotto è coperto da garanzia triennale.

TO MAINTAIN THIS PRODUCT TO ITS BEST CONDITION, PLEASE VIEW OUR CARE AND CLEANING GUIDE ON THE SUPPORT SECTION OF THE ASTRO WEBSITE.

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Um dieses Produkt im besten Zustand zu erhalten, beachten Sie bitte unseren Leitfaden zu Pflege und Reinigung im Abschnitt „Support“ auf der Astro-Website.

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Please note that some dimensions may vary slightly due to manufacturing tolerances, this includes cable entry and fixing holes

Veuillez noter que certaines dimensions peuvent varier légèrement en raison des tolérances de fabrication, y compris l'entrée de câble et les trous de fixation.

Bitte beachten Sie, dass die Maße Fertigungstoleranzen unterliegen und daher in geringem Umfang von der angegebenen Größe abweichen können. Dies gilt auch für Kabeleingänge und Befestigungslöcher.

Si prega notare che possono esserci piccole variazioni in alcune dimensioni dovute alle tolleranze di produzione, queste includono l'ingresso del cavo e i fori di fissaggio.

MIRA 2

Product Code DT. DT.SD3036 (add suffix see below)

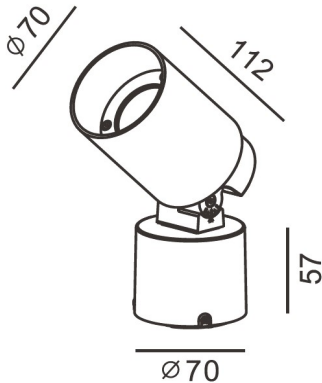
DESCRIPTION / Round surface mounted high power LED spotlight. Adjustable 90 deg tilt. IP rated. Integral driver.

WHY USE THIS: Contemporary out-door ground spot, glare free high power. Suitable for general landscape lighting including trees.



IP65 Zone 2 **CE** **LED** IEE : A+ EN 60598.

Dimensions (mm)
70 dia x 112 L.
Cut-out (mm)
N/A



material light fixture Die cast aluminium with silicone gaskets

colours & finish/ (suffix) Black - 10 Matt Anodised

light source & voltage options
(PLEASE CONTACT US FOR ALTERNATIVE SOURCES)

a) 10w LED 24 deg (700lms) 240v
b) 10w LED 15 deg (700lms) 240v
c)
d)

colour temperature /(suffix) **3000K**
CRI (colour render) /(suffix) 90
MacAdam 3

Controls options /(suffix) on / off

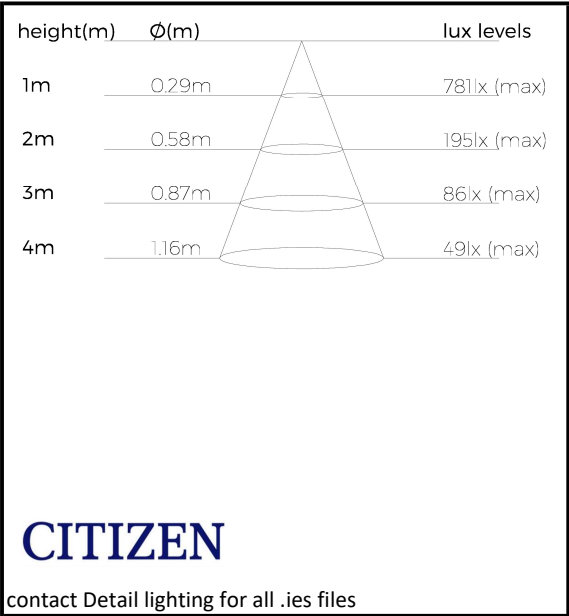
Optional Accessories Honeycomb
Etched glass

AV. Weight (kg) 1

Emergency Available? No

Special Notes **240v fitting (includes integral on / off driver)**
Supplied with spike

technical performance



INSTALLATION



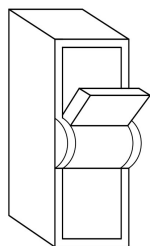
TECH NOTES; Check the luminaires power requirements carefully as it is not possible to determine this from the cable type, thickness and colour. If drivers are required they are sold separately and are not pre wired. Connecting low voltage lights to mains power will result in irreparable damage to the fitting.

WARNINGS - all enclosures and connections for external lights must be at least IP65 - allow adequate drainage around fittings.

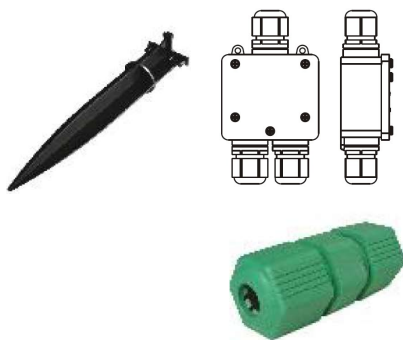
OUTDOOR FIXTURES REQUIRE CORRECT IP CONNECTION

WARNING: Check fitting type to ascertain correct wiring type (series or parallel) incorrect wiring will damage the fittings. Please note if disconnecting power to the driver then wait up to 30 mins for retained current in the driver to discharge. Also observe that driver should not be powered unless all the LEDs are fitted correctly in a circuit.

1 Turn off power!

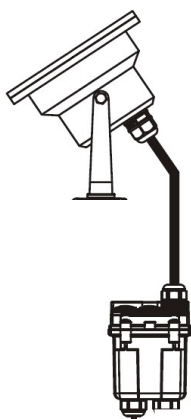


2



1) Always ensure mains power is isolated prior to working on any lighting installation. **REDUCE CABLE SIZE IN ORDER TO MAKE SECURE CONNECTION**

3



MAINS →

Neutral Blue or Black	Blue
Earth Green and Yellow	Green and Yellow
Live Red or Brown	Brown

OUTDOOR FIXTURES REQUIRE CORRECT IP CONNECTION. CONFIRM SERIES OR PARALLEL WIRING?



2) Site fixing spike; If fitting is being installed in external area ensure there is adequate drainage. Prepare incoming cable with appropriate water-proof connector

3) **REDUCE CABLE SIZE IN ORDER TO MAKE SECURE CONNECTION.** connections for external lights must be at least IP65