

LYRA 20 LED SR/T2



Part number	06109390
Lampholder:	LED
Light Source:	LED
Wattage:	70 W
Finish:	GR-RAL7035 / Grey RAL7035 / Matt
Insulation class:	II
Degree of protection:	IP66
IK-J-xxIP:	IK08 7J xx5
CRI:	70
Kelvin:	4000
Power factor:	$\cos\phi \geq 0,9$
Optic:	Road reflector
Lightsource lumen output:	8608 lm
Luminaire lumen output:	7012 lm
L:	L80
B:	B10
Lifetime:	60000 h
Ta MIN luminaire:	-40°
Ta MAX luminaire:	40°
ULR:	0%
IPEA* (Street Lighting):	A++
IPEA* (Area Lighting):	A3+
IPEA* (Cycle/Pedestrian Lighting):	A+
IPEA* (Green Areas):	A+
IPEA* (Historical Areas):	A5+
Luminous Intensity Class:	G*3

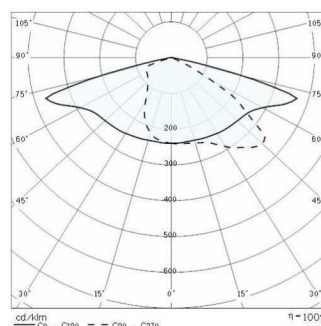


Description

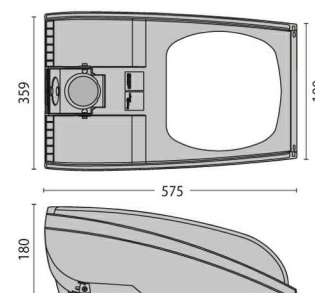
LED street luminaire, comprising:

- Pole clamp in die-cast aluminium painted with polyester powder for post top installation Ø 60, Ø 76 or on arms Ø 42 - Ø 60
- Technopolymer housing
- Diffuser with integrated louvre in UV, heat stabilised, transparent technopolymer
- High-transparency polycarbonate lenses grant an optimized light transmission
- High resiliency anti-ageing silicone gasket with high elastic return capacity
- Switch splitter automatically disconnects the power supply when the cable cover is opened
- Aluminium heat sink
- Stainless steel external screws
- Galvanised steel gear tray bracket
- The "SECURE LIGHT DISTRIBUTION" system guarantees uniform light distribution even in the remote case of LED failures
- Compliant with the UNI 10819 standards on light pollution
- Dimmable ballast available. Consult factory
- Replaceable LED module
- Versions with automatic power reduction available (RPA)
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08

Photometric data



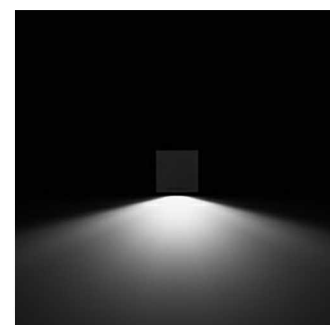
Technical drawings



MIMIK 20 CP/T2



Part number	304420
Lampholder:	LED
Light Source:	LED
Wattage:	21 W
Finish:	AN-96 / Anthracite gray / Textured
Insulation class:	I
Degree of protection:	IP65
IK-J-xxIP:	IK06 1J xx3
CRI:	70
Kelvin:	4000
Power factor:	$\cos\phi \geq 0,9$
Optic:	Pedestrian and cycle reflector type 2
Lightsource lumen output:	2453 lm
Luminaire lumen output:	2005 lm
L:	L80
B:	B10
Lifetime:	60000 h
Ta MIN luminaire:	-20°
Ta MAX luminaire:	35°
ULR:	0%

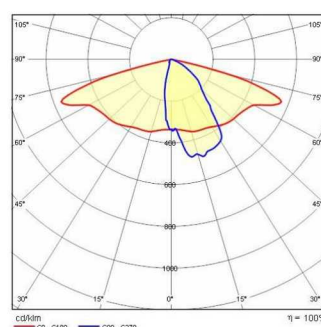


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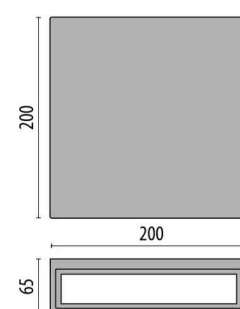
Wall-mounted LED luminaire, comprising:

- Die-cast aluminium housing, powder-polyester coated ISO 9227
- Transparent, tempered, flat glass diffuser, screen-printed inside for the MIMIK versions
- Anti-ageing silicone gasket
- Built-in driver
- MIMIK luminaires are equipped with high-transmittance polycarbonate lenses with different light distributions to meet the most diverse lighting requirements
- M versions, i.e. single emission, are supplied with a single light source and are designed to allow a single sided light output either upwards or downwards
- "CP" versions feature asymmetric light distribution suitable for bicycle and pedestrian pathways
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08

Photometric data

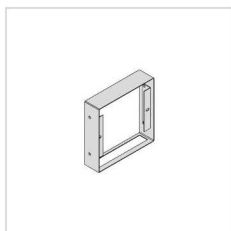


Technical drawings



OPTIONAL ACCESSORIES

MIMIK CP/T2 - CP/T3 - A60/W



310445

Customising ring / Facade Accessory

Anthracite gray

Technical Information

Design

BSEN40, PD6547: 2004+A1: 2009 Extra heavy wind loading region (No sign)

Load class B

Deflection class 3

Head load 30kg/0.25m² *

Finish

Galvanised to BSEN 1461:2009

Welding

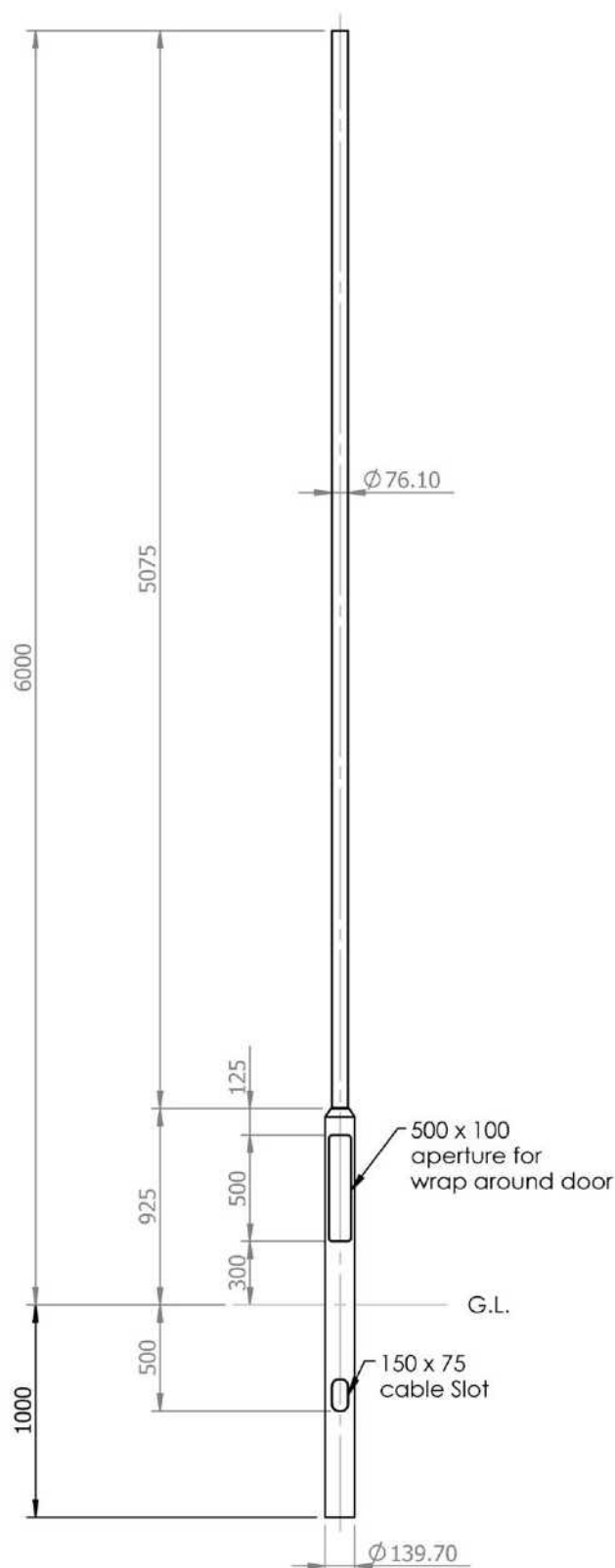
In accordance with BSEN1011

Procedures to BSEN ISO 15614-1:2004

Welders qualified to BSEN 287-1:2004

* Maximum design head load based on wind loading region with orientation of bracket/ luminaire(s) being on same plane as door

3rd Angle



PERFORMANCE IN LIGHTING

Performance In Lighting
Unit 4, Hepworth Park
Brook Street
Redditch, Worcestershire B98 8NG United Kingdom
W: www.pil-uk.com
T: +44 (0)1527 584 926 Email: info.uk@pil.lighting

Notes

All dimensions in millimetres unless stated otherwise.

When Multiple views are shown 3rd Angle Projection is assumed.

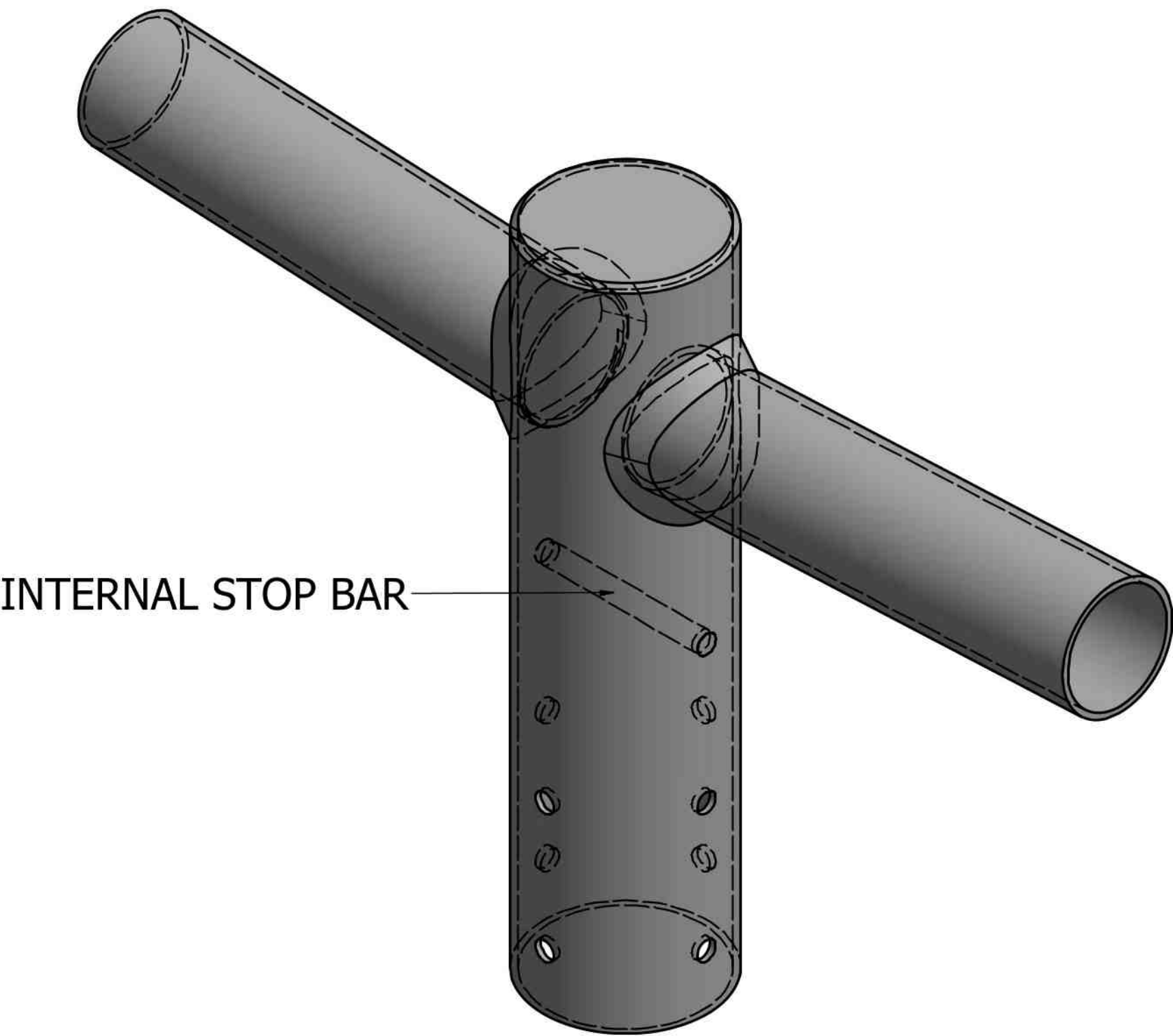
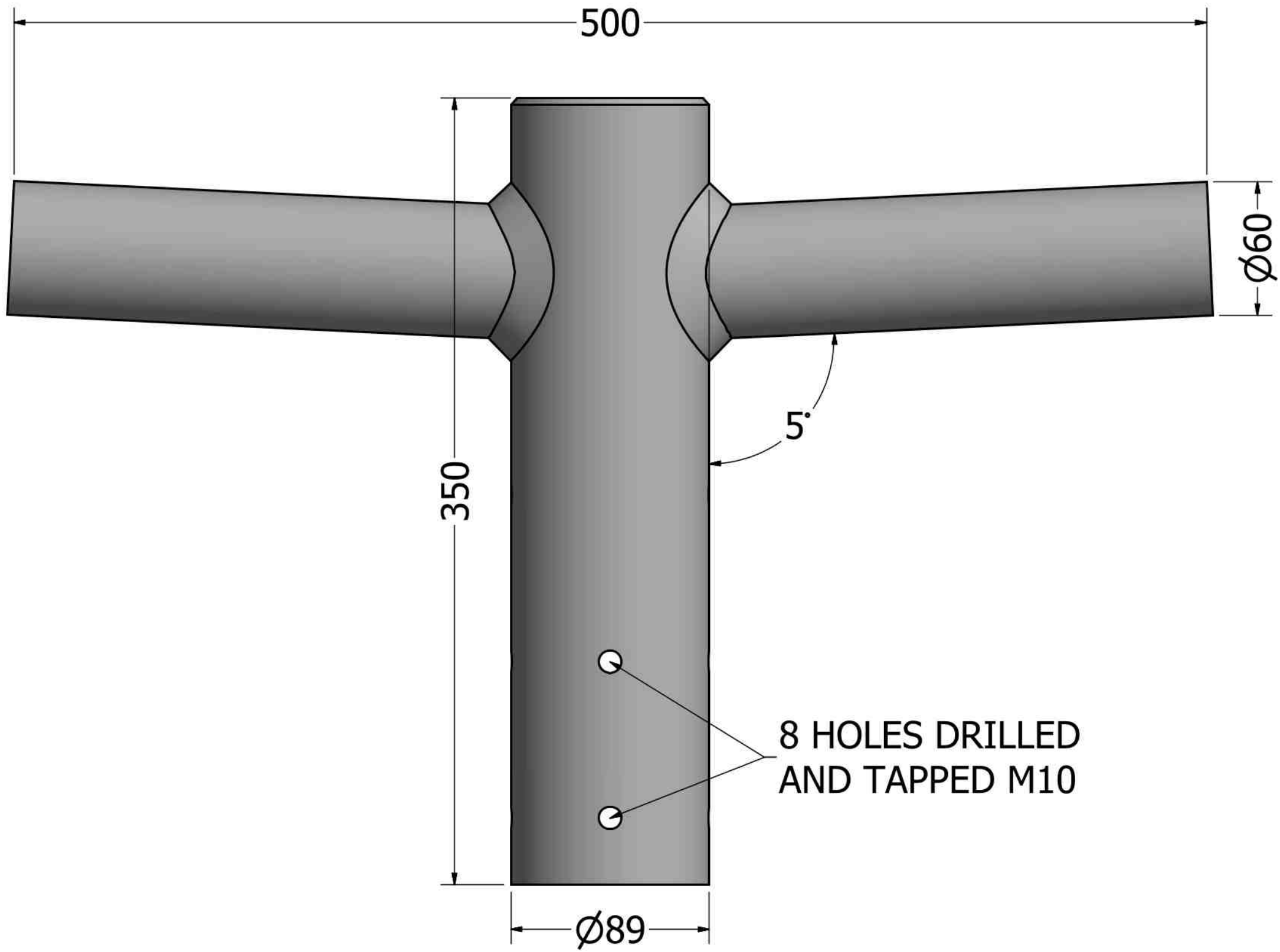
Revisions		
Rev.	Description	Date

Title

6metre tubular post top column

REF: #9701-1003 Plain Metal Finish

#9701-1054 (Anthracite Finish to Match Theos Fittings)



ACCEPTED BY _____

DATE ACCEPTED _____

GENERAL NOTES:
ALL DIMENSIONS IN MILIMETERS
ALL BURRS AND SHARP EDGES TO BE
REMOVED

DRAWN	17/06/2016	ANY BESPOKE BRACKETS ARE MADE TO ORDER AND AS SUCH ARE NON RETURNABLE		
CHECKED		TITLE		
QA		TWIN SIDE ENTRY LANTERN BRACKET 60MM		
MFG		TUBE		
APPROVED		TO SUIT 76MM POST TOP COLUMNS		
SIZE	D	DWG NO	PIL-DPT2-300-60	REV
SCALE	1 / 2	SHEET 1 OF 1		

Cut Out Range

The Charles Endirect range of cut outs has been designed for strength, durability, ease of installation and to meet the full requirements of BS 7654. The range features a secure and quick release carrier to provide safe and easy access to fuses and outgoing terminals.

Three sizes are available – miniature HLX25, standard FD150 and universal FD200, all of which are double pole with the FD200 series having capacity for 2 fuses with a 3 phase option. All of these cut outs accept fuses to IEC269-1 and BS88 pt 1 – AC19 Tag Type (LST).



FD200



FD150



HLX25

Extension Boxes, Terminals and Glandplates

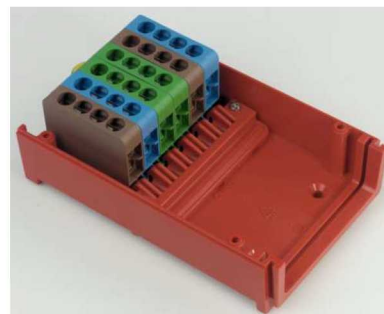
For SWA cables up to 25mm² (35mm² circular), the CEL range of extension boxes provide versatility, ease of termination and quick installation. Designed for strength with moulded DIN rails and terminal clamps the boxes fit onto the cut outs and accept a range of gland plates – plastic plates for use with CETs, brass plates with holes to accept compression glands and brass plates fitted with ferrules. Manufactured from brass, the live, neutral and earth terminals are fully insulated.



X0 with brass plate
with BW

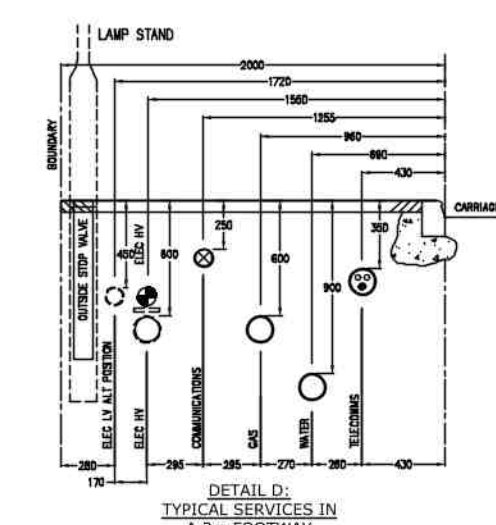
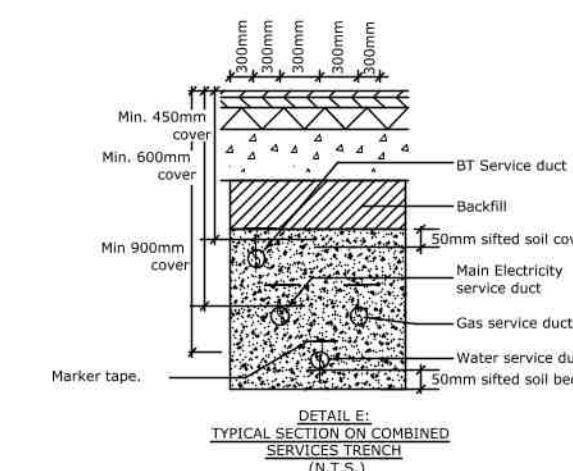


X3/H6 with brass
plate with BW20



Terminal Rack
(TR..)

1. DO NOT SCALE FROM THIS DRAWING. ALWAYS WORK FROM ANY DIMENSIONS GIVEN UPON THE DRAWING WITHIN THE NOTES AND SPECIFICATIONS. IF IN DOUBT ASK.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL AND STRUCTURAL DRAWINGS.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT BUILDING SERVICES DRAWINGS AND THE RELEVANT SECTIONS OF THE PROJECT SPECIFICATION AND SCHEDULES.
4. ALL FINAL SETTING OUT TO BE CONFIRMED ON SITE. ANY CRITICAL SETTING OUT TO BE CONFIRMED BY ARCHITECTS DESIGN AND PROJECT MANAGER.



D	LUX LEVELS ADDED	02/03/21
C	ORIGINAL LIGHTING SCHEME RE-INTRODUCED	19/02/21
B	REVISED TO SUIT CLIENT COMMENTS	15/02/21
A	REVISED TO CURRENT LAYOUT	29/01/21
0	ISSUED FOR COMMENT	28/01/20
Rev	Description	Date

REVISION HISTORY



GRS Electrical Services Limited

Warwick Road
Fairfield Industrial Estate
Louth
Lincolnshire
LN11 0YB

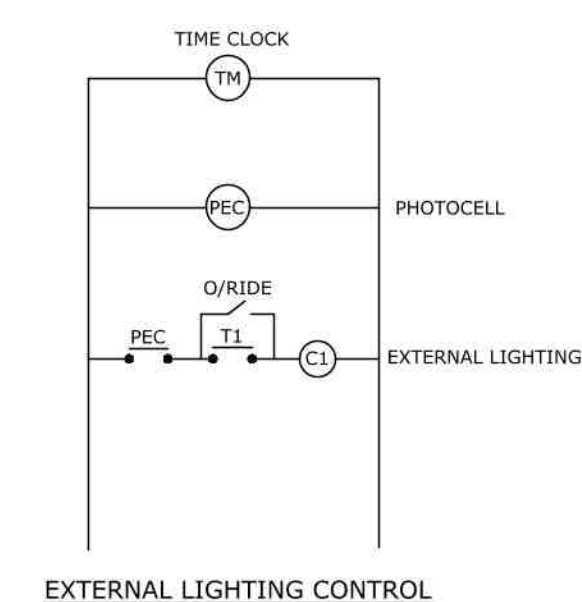
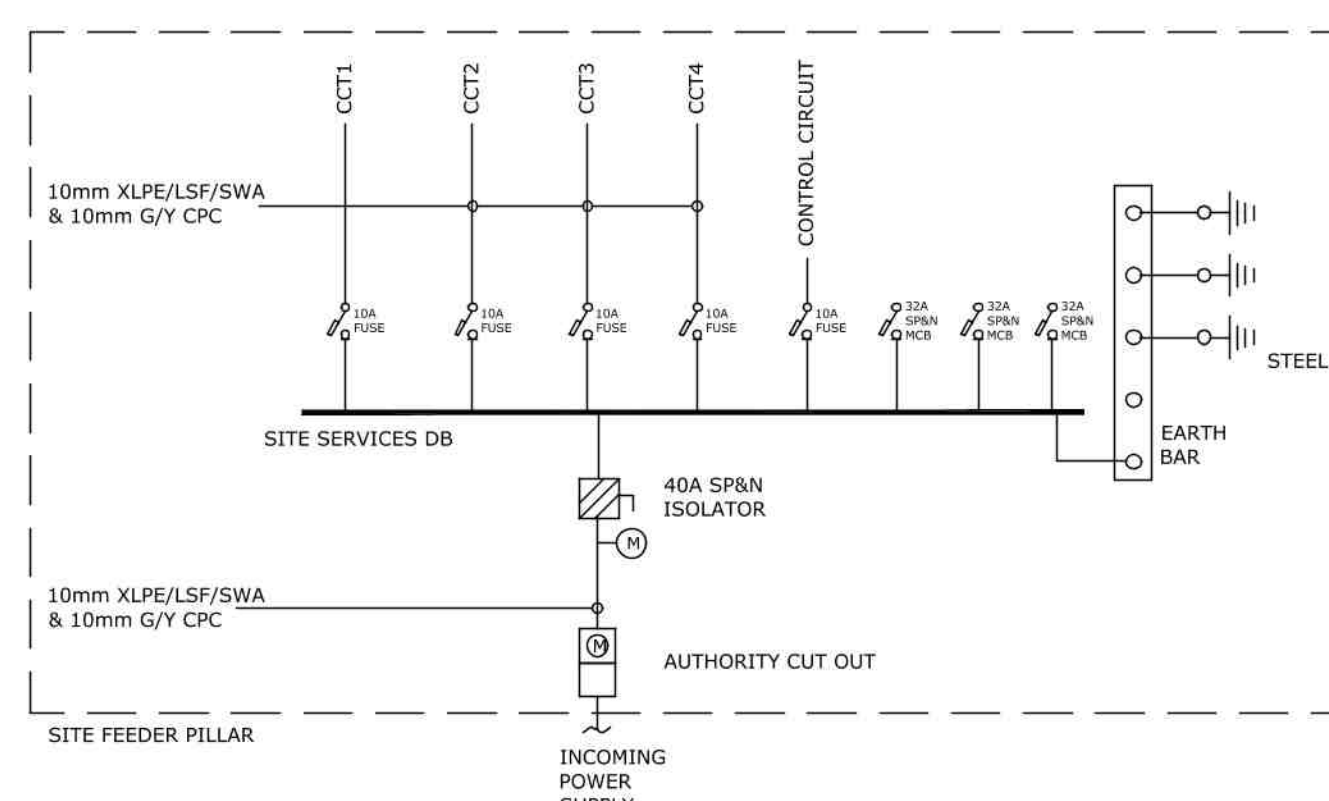
Tel: (01507) 606837
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Email: sales@grs-electrical.co.uk
Website: www.grs-electrical.com

Drawn By : R.STIFF	Date Drawn : 02/03/21	Scale : 1:250@A1
Designed By : R.PESTELL	Checked By : R.PESTELL	Project Ref No : 31771

Project :- NEW RETAIL UNITS
WARDENTREE LANE
SPALDING

Title :- PROPOSED
EXTERNAL LIGHTING LAYOUT

Drawing No :- GRS/31771/01	Rev :- D
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LEGEND OF SYMBOLS	
SYMBOL	DESCRIPTION
	INSTALL EXTERNAL PHOTOCELL FOR LIGHTING CONTROL
	PROPOSED 100mm UPVC DUCT IN NEW TRENCH FOR NEW CABLING TO EXTERNAL LIGHTING AND SIGNAGE.
	PROPOSED 100mm CABLE TRAY AT HIGH LEVEL FOR EXTERNAL LIGHTING CABLING
	PROPOSED CABLE TURNING PIT

Luminaire parts list								
Index	Manufacturer	Luminaire type	Item number	Fitting	Luminaire flux	Maintenance factor	Connected load	Notes
A	Performance in Lighting	LYRA 20/SR-T2 8-40K-90/70W	06109390	1x6109390	7011 lm	0.80	67 W	To be mounted on slim column
B	Performance in Lighting	MIMIK 20 LED T2 21W 4000K	304420	1xMIMIK20 21W T2	1928 lm	0.80	21 W	Wall mounted