

PJC Light Studio

Specification of Light Fittings

PROJECT	: The Tower of London - Reveller
CLIENT	: Historic Royal Palaces
DESIGN ARCHITECT	: Jamie Fobert Architects
DATE	: 23 rd October 2025
REF	: PJC_612_LS_Reveller
REVISION	: - (Draft Tender Issue)

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ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 2 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

1. GENERAL CONDITIONS

- 1.1 The specification sheets indicating the lighting design requirements for specific areas within this project form part of this document and should be read in conjunction with these preambles and the Lighting Consultant's relevant drawings, and associated sketches.
- 1.2 This specification supersedes all previous issues.
- 1.3 All quantities shall be checked against the construction drawings prior to ordering.
- 1.4 Combined services drawings should be produced by the Architect, Interior Designer or MEP Engineer and submitted to PJC Light Studio for comment and approval of the lighting locations.

2 SAMPLES & PROTOTYPES

- 2.1 All lighting equipment shall be currently available – working samples will be required for submission and are to be approved by the Client/Architect.
- 2.2 Should a sample of a standard, or prototype of a special light fitting or variant of a standard light fitting be ordered, its cost shall either be incorporated in a tender price, or shall be invoiced to the Client or his nominated representative separately, as agreed.
- 2.3 Any such sample prototype or variant shall comply with the lighting design specification, and shall be submitted to the Lighting Consultant, together with full photometric and dimensional data if specifically requested, to enable both its accurate assessment and the detailing of any adjustments deemed necessary prior to the commencement of full production.

3 STANDARDS COMPLIANCE

- 3.1 For projects in the United Kingdom, all equipment supplied shall comply with the relevant BS, EN and IEC requirements, and be capable of installation in accordance with the manufacturers' instructions, the current edition of the IEE Wiring Regulations and all statutory and local authority requirements. Standards requirements particular to individual luminaire types are indicated on the relevant specification sheet.
- 3.2 For projects outside the United Kingdom, all equipment supplied shall comply with the relevant standards currently in force in the project's country of origin.
- 3.3 The cost of obtaining any necessary approvals shall be included in any tender price, detailed as a separate item.

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 3 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

4 PROTECTION

- 4.1 All equipment shall be supplied with adequate means of protection to ensure its preservation during transport to site and any subsequent storage prior to installation.
- 4.2 All vulnerable finished parts liable to scratching or other abrasion during handling and installation shall be further protected by a removable film applied prior to dispatch.

5 TECHNICAL REQUIREMENTS

- 5.1 Light Fittings
 - 5.1.1 Equipment selected as a standard item from a particular manufacturer's range has been specified with a view to performance, optics, maintenance, quality, aesthetics, etc.
 - 5.1.2 Should alternative equipment be offered; full technical and photometric data shall be supplied to P J C Light Studio in time to enable its accurate assessment. If any variants of standard light fittings are required, these shall be developed by the manufacturer of the standard light fittings, unless otherwise specifically stated, and shall be manufactured to the same standards as the equivalent standard light fitting.
 - 5.1.3 If specified, two copies of all working drawings of proposed variants dimensioned in mm, shall be supplied to P J C Light Studio for approval prior to fabrication.
 - 5.1.4 Notwithstanding the above, the manufacturer shall remain responsible for ensuring compliance with relevant standards, the accuracy of the information shown on his drawings at all times and for ensuring that the equipment shown fulfils the requirements of this specification.
 - 5.1.5 P J C Light Studio cannot accept responsibility for the installation of non-approved light fittings.
 - 5.1.6 The final location of each light fitting and where relevant its integration with the architecture shall be as detailed on the construction issue drawings. P J C Light Studio cannot accept responsibility for light fittings installed in a manner other than intimated in the relevant drawings or as otherwise agreed and minuted.
 - 5.1.7 Should other services interfere or obstruct the proposed lighting layout as detailed on PJC Light Studio drawings, this must be notified to the project design team for resolution and approval of any modifications required.
 - 5.1.8 Where recessed light fittings are proposed, the contractor must check that all recess depths and ceiling thicknesses are suitable with sufficient free air space to aid ventilation prior to ordering. The immediate zone around all downlight locations must be free from obstruction and insulation materials that may obstruct full adjustment of the downlight or cause overheating.
 - 5.1.9 The Architect, MEP Consultant or Main Contractor should advise when fire rated fittings are required.
 - 5.1.10 All downlight cut-out holes must be accurately sized and cleanly cut to manufacturer's instructions. Oversized holes may not be acceptable. Where flush

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 4 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

fittings are specified, these may require a pre-installed sleeve which must be fitted prior to the plaster skim.

5.2 Control Gear and LED Drivers

5.2.1 All control gear, driver and transformer terminals shall be fully enclosed.

5.2.2 All necessary control gear, drivers and transformers shall be mounted within the light fitting unless shown as being located remotely. All such gear shall be of good quality construction, shall comply with all relevant statutory regulations, shall be compatible with the lamps specified, and shall be mounted and wired in accordance with the manufacturers' instructions.

5.2.3 Where appropriate, the light fitting manufacturer shall ensure compatibility between control gear and the proposed control system and shall also provide all necessary data regarding gear losses, etc. to enable dimmers / contactors to be sized correctly.

5.2.4 Transformers and constant voltage drivers shall have a stable output voltage of 11.8V / 22.8V, under varying loads, where the output voltage is nominally quoted at 12V / 24V.

5.2.5 Unless otherwise stated, all transformers shall be suitable for both trailing and leading edge dimming on their primary side via a remote lighting control system.

5.2.6 Where drivers or transformers are installed remotely, care should be taken to ensure that any audible sounds generated are kept to a minimum. Where this is particularly crucial, detailed acoustic requirements will be checked.

5.2.7 All equipment must be fully protected to comply with all current safety and electrical regulations and be protected from unexpected mains failure, and mains interference.

5.2.8 Electrical supply connections shall be designed to facilitate the easy installation of the light fittings. The supplier shall liaise with the Electrical Engineer to ensure any specific requirements of his in this respect are met.

5.3 Lamps

5.3.1 All light sources should be a minimum of CRI+90 and the R9 value should be greater than 50.

5.3.2 LED sources shall have a tolerance of not less than 2 Macadam Steps as a minimum and 2 Macadam Steps where specified.

5.3.3 LED sources shall not produce visible modulation or flicker, especially when dimmed.

5.3.4 Lamps are generally specified by manufacturers name by example.

5.3.5 Should alternative lamps be offered, these require the approval of P J C Light Studio and particular attention must be paid to equivalent colour rendering, colour temperature, light distribution, life expectancy and general performance when selecting such alternatives.

5.3.6 Alternative lamps may only be substituted if full technical data is first supplied to P J C Light Studio to enable their accurate assessment and approval

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

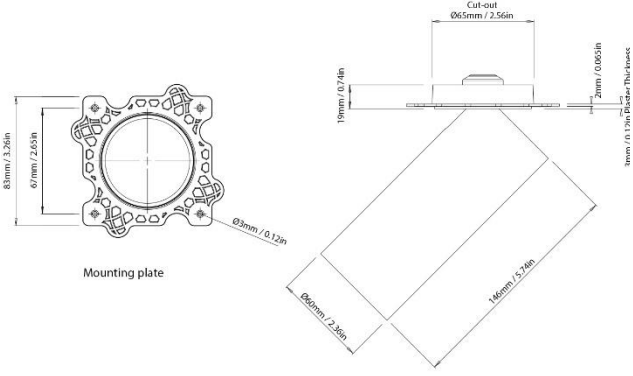
PAGE: 5 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **D2**
LOCATION: Entrance reception and part of the studio

IMAGE:



DRAWING:



MANUFACTURER: Orluna www.orluna.com or equal and approved alternative
CONTACT DETAILS: Paul Fenton pfenton@orluna.com 0192 388 9712
REFERENCE: Cloud Butterfly OH-CT-27-D-F-W-BB-54
DESCRIPTION: Surface mounted adjustable downlight with minimum trim, flood beam
FINISH: Standard white (TBC) ADJUSTMENT ANGLE: n/a
DIMENSIONS: 60mmØ x 146mm height x 65mmØ cut-out
IP RATING: IP54 QUANTITY per DRIVER: 1 driver per fitting
ACCESSORIES: First fixed kit
FIXING METHOD: First fixed kit to be installed and plaster skim to the edge
COMMENTS: Refer to manufacturer's full wiring and installation instruction. Do not paint over fitting during decoration works. Contractor to verify site to make sure no obstructions above ceiling. DALI driver through cut-out hole. Contractor to verify final finish prior to ordering

LAMP DETAILS

TYPE:	Origin High Output	
COLOUR TEMP:	2700K	MACADAM STEPS: 2
LUMINAIRE LUMENS	1,125 lm	LAMP LUMENS: 1,624 lm
FITTING WATTAGE:	15.7W	LUMINAIRE LUMENS/W: 71.65 lm/W
CRI:	98	R9 VALUE: 99
BEAM ANGLE:	53°	INPUT / FORWARD VOLTAGE: 220v / 34V dc

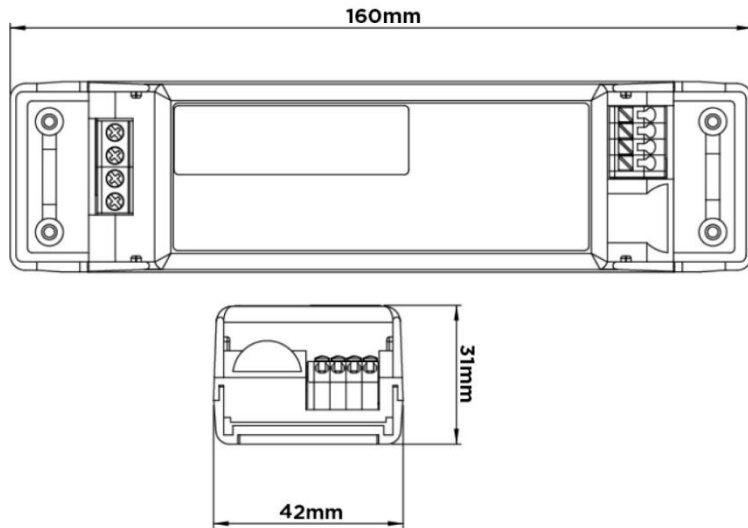
DRIVER / PSU DETAILS

MANUFACTURER:	eldoLED	REFERENCE: SOLOdrive 350mA
DESCRIPTION:	Remote 350mA 20W DALI driver through cut-out	
MAX DISTANCE:	n/a	DIMMING: DALI
DIMENSIONS:	160mm x 42mm x 31mm	
TYPICAL SYSTEM LIFE:	50,000 hours	WARRANTY: 5 Years (TBC)

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 6 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

DRIVER DIAGRAM:



ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

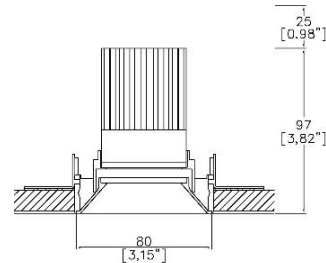
PAGE: 7 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **D3**
LOCATION: WC storage

IMAGE:



DRAWING:



MANUFACTURER: Lucent Lighting www.lucnet-lighting.com or equal and approved alternative

CONTACT DETAILS: John Carey john@lucnet-lighting.com +44 (0)20 8442 0880

REFERENCE: Plusmini Fixed Trimless 750 + LED51/2-927-55-S

DESCRIPTION: Fixed downlight with first fix trim-less kit for flush bezel and remote driver through cut-out

FINISH: White (TBC) ADJUSTMENT ANGLE: N/A

DIMENSIONS: 80mmØ x 97mm height, 82mmØ cut-out. Allow 25mm total clearance above the light

IP RATING: IP44 QUANTITY per DRIVER: 1 driver

ACCESSORIES: 750+TL trim-less kit (For Tape & Joint ceiling) or PCZ Plaster-in frame (Plaster skim ceiling)

FIXING METHOD: **Contractor to order the correct first fix kit against the ceiling detail**

COMMENTS: Refer to manufacturer's full wiring and installation instruction. Do not paint over fitting during decoration works. Ensure minimum 25mm void space above the fitting. Contractor to verify downlight height against site conditions prior to ordering and no obstructions above ceiling which prevent full adjustment of the fitting. LED driver through cut-out hole

LAMP DETAILS

TYPE:	LED 50 ONE Gen2	
COLOUR TEMP:	2700K	MACADAM STEPS: 2
LUMINAIRE LUMENS	1,036 lm	LAMP LUMENS: TBC
FITTING WATTAGE:	13.6W	LUMINAIRE LUMENS/W: 76.2 lm/W
CRI:	Ra92.1	R9 VALUE: 57.7
BEAM ANGLE:	55°	INPUT / FORWARD VOLTAGE: 220v / 33V dc

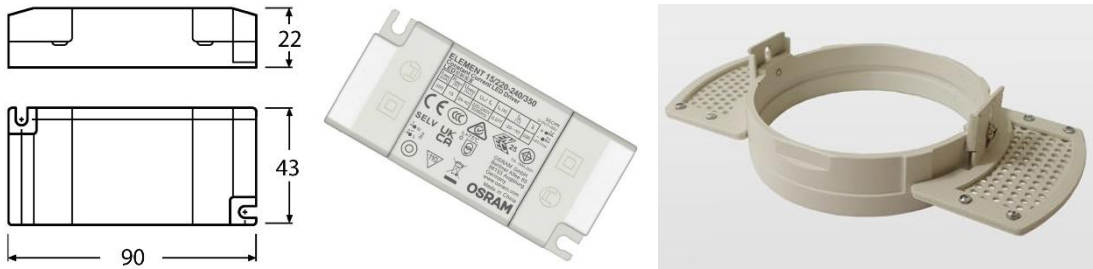
DRIVER / PSU DETAILS

MANUFACTURER:	Osram	REFERENCE: ELEMENT 15/220-240/350
DESCRIPTION:	Digital 220 – 240 VAC input, non-dimmable driver, constant current 350mA	
MAX DISTANCE:	22m with 0.82mm ² (AWG18)	DIMMING: ON/OFF
DIMENSIONS:	L90mm x W43mm x H22mm	
TYPICAL SYSTEM LIFE:	50,000 hours	WARRANTY: 5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

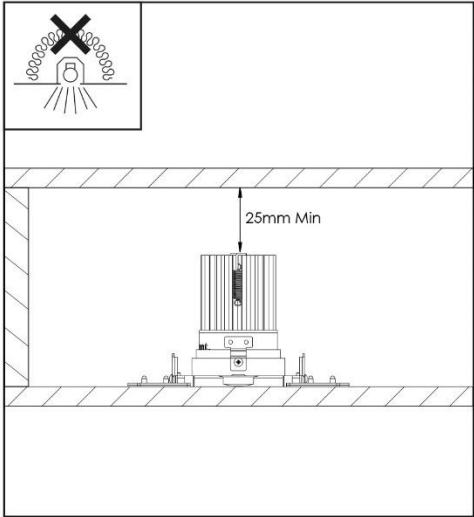
PAGE: 8 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

Driver and First Fix Kit (for Tape & Joint ceiling)

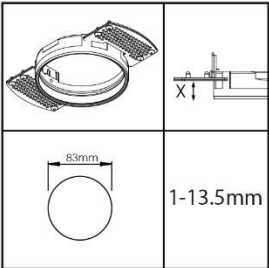
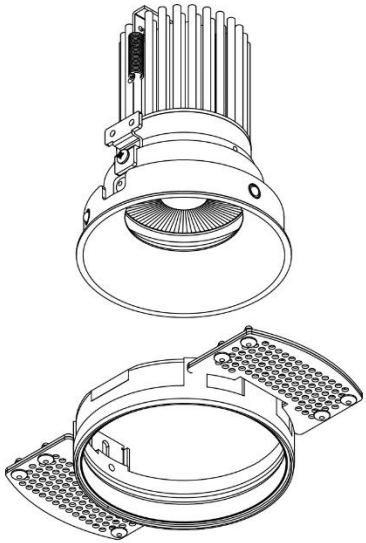


Installation instruction

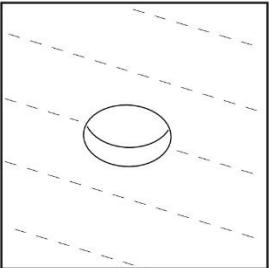
Installation Instructions for fitting with trim kit (TL)
For luminaires 750-LED/753-LED



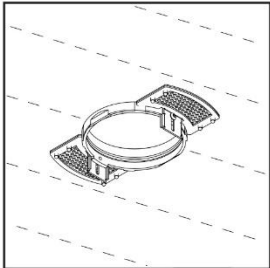
Do not cover fixture with insulation material.



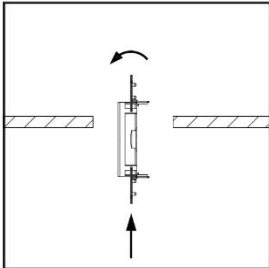
1. Plus Mini TL kit cutout size. Make sure legs are set to correct height for ceiling thickness.



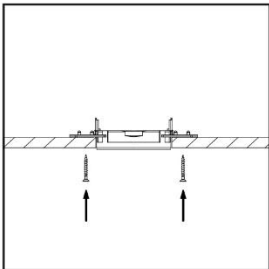
2. Prepare cutout in surface



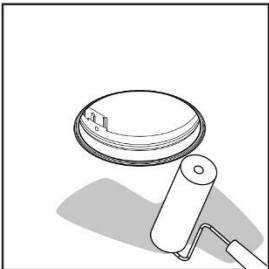
3. Insert TL kit upside down into cutout and mark the location of the mesh holes.



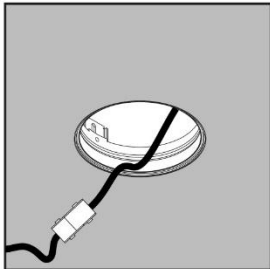
4. Insert TL kit into cutout by lifting and rotating as shown.



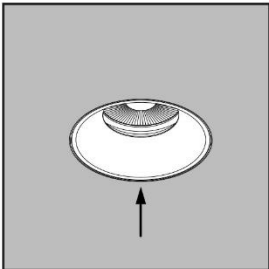
5. Screw TL kit to ceiling using the marks made previously as a guide.



6. Plaster-in the TL kit and finish the ceiling.



7. Connect fitting to driver.

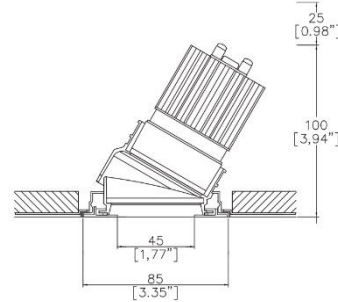


8. Insert Fixture into TL kit.

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 9 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **D4 (Emergency version available)**
LOCATION: Corridor outside quiet room and Office
IMAGE: DRAWING:



MANUFACTURER: Lucent Lighting www.lucen-lighting.com or equal and approved alternative

CONTACT DETAILS: John Carey john@lucen-lighting.com +44 (0)20 8442 0880

REFERENCE: Mix85 Edge Accent MX85010-ED-WH02-IP54 + LED51/Q-HE-27-WFL-D

DESCRIPTION: Adjustable downlight with first fix trim-less kit for flush bezel and remote driver through cut-out

FINISH: White (TBC) ADJUSTMENT ANGLE: N/A

DIMENSIONS: 85mmØ x 100mm height, 90mmØ cut-out. Allow 25mm total clearance above the light

IP RATING: IP54 QUANTITY per DRIVER: 1 driver

ACCESSORIES: TL2 trim-less kit (For Tape & Joint partial skim ceiling) or TL1 trim-less kit for full skim ceiling

FIXING METHOD: **Contractor to order the correct first fix kit against the ceiling detail**

COMMENTS: Refer to manufacturer's full wiring and installation instruction. Do not paint over fitting during decoration works. Ensure minimum 25mm void space above the fitting. Contractor to verify downlight height against site conditions prior to ordering and no obstructions above ceiling which prevent full adjustment of the fitting. LED driver through cut-out hole

LAMP DETAILS

TYPE:	LED 51/Q-HE	
COLOUR TEMP:	2700K	MACADAM STEPS: 2
LUMINAIRE LUMENS	645 lm	LAMP LUMENS: TBC
FITTING WATTAGE:	8W	LUMINAIRE LUMENS/W: 80 lm/W
CRI:	>90	R9 VALUE: TBC
BEAM ANGLE:	41°	INPUT / FORWARD VOLTAGE: 220v / 33V dc

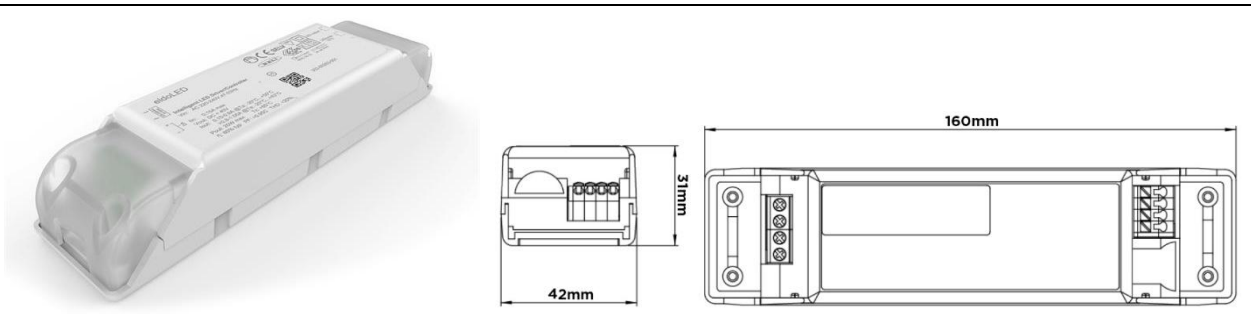
DRIVER / PSU DETAILS

MANUFACTURER:	eldoLED	REFERENCE: SOLODrive 200mA
DESCRIPTION:	Digital 220 – 240 VAC input, DALI dimmable driver, constant current 200mA	
MAX DISTANCE:	22m with 0.82mm ² (AWG18)	DIMMING: DALI-2
DIMENSIONS:	L90mm x W43mm x H22mm	
TYPICAL SYSTEM LIFE:	50,000 hours	WARRANTY: 5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

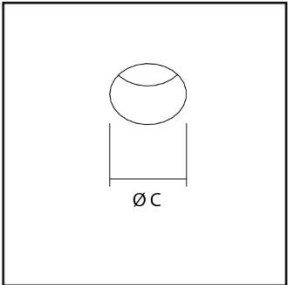
PAGE: 10 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

DALI Driver

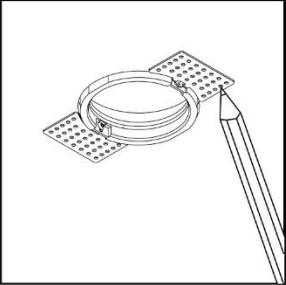


Installation instruction (TL2 partial skim as an example)

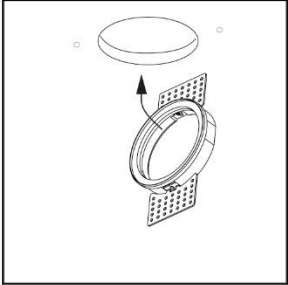
Mix85 Trimless TL2 Partial Skim Installation



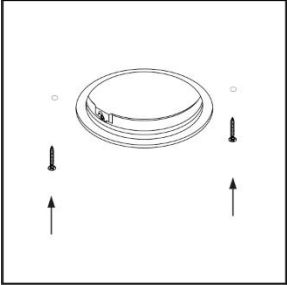
1. Create cutout C=Ø89mm



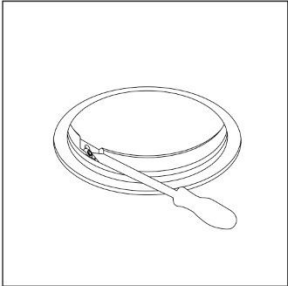
2. Position the bracket on the ceiling and mark the screw holes



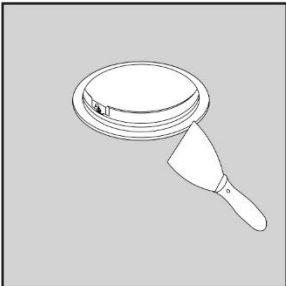
3. Insert installation kit into cutout



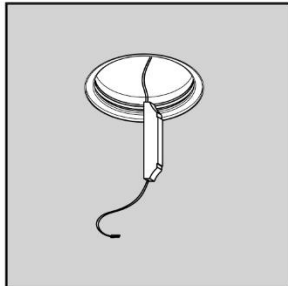
4. Secure kit through ceiling with screws



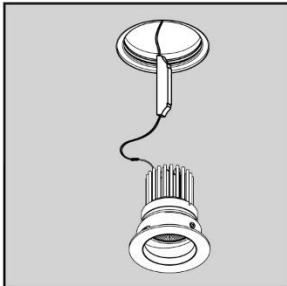
5. Adjust kit position as required



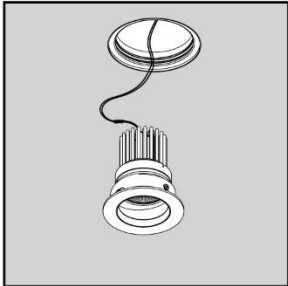
6. Skim around kit and finish ceiling face



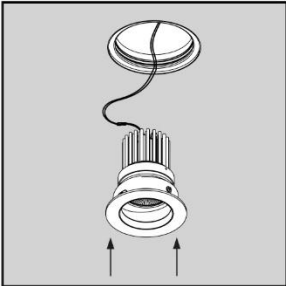
7. LED driver dropdown



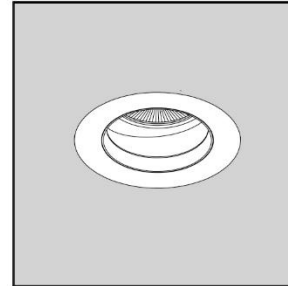
8. Fixture wiring connection



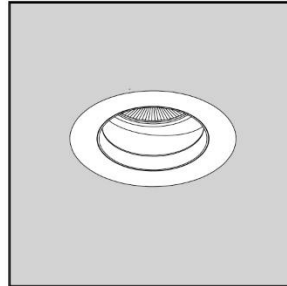
9. LED Driver re-installation



10. Insert luminaires module body and ensure ball-catches are fully engaged



11. Adjust fitting as desired



12. Finished Installation

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

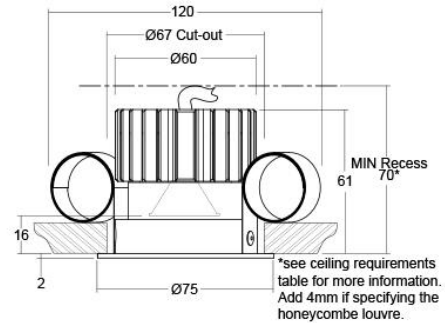
PAGE: 11 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **D5**
LOCATION: Moat arch 3-6

IMAGE:



DRAWING:



MANUFACTURER: Light Graphix www.lightgraphix.co.uk or equal and approved equivalent

CONTACT DETAILS: Chris Schulkins chris@lightgraphix.biz +44 (0)1322 527629

REFERENCE: LD1083-N1-700/LW27/WB/White + remote non dimmable driver

DESCRIPTION: Low glare LED down light with remote driver through cut out

FINISH: White (TBC) ADJUSTMENT ANGLE: Fixed

DIMENSIONS: 75mmØ x 61mm height x 67mm cut-out Ø (Minimum void requirements 200mm wide x 200mm length x 74mm height)

IP RATING: IP67 QUANTITY per DRIVER: 1

ACCESSORIES: Emergency pack EP4

FIXING METHOD: Spring mounted through ceiling cut-out

COMMENTS: Refer to manufacturer's full wiring and installation instruction. Do not paint over fitting during decoration works. Contractor to verify downlight height against site conditions prior to ordering and no obstructions above ceiling. Remote driver through cut out if void is waterproof or alternatively located in remote weatherproof enclosure

LAMP DETAILS

TYPE:	CREE LED	MACADAM STEPS:	3
COLOUR TEMP:	2700K	LAMP LUMENS:	1,264lm
LUMINAIRE LUMENS	905lm	LUMINAIRE LUMENS/W:	68lm/w
FITTING WATTAGE:	14W	R9 VALUE:	TBC
CRI:	+Ra90	INPUT VOLTAGE:	17.1V dc
BEAM ANGLE:	46°		

DRIVER / PSU DETAILS

MANUFACTURER:	EldoLED	REFERENCE:	TXDEL700S
DESCRIPTION:	Digital 220 – 240 VAC input, 2-42V output 700mA 30W dimmable driver, constant current. Accessible in dry location		
MAX DISTANCE:	10m	DIMMING:	ON/OFF
DIMENSIONS:	210mm x 40mm x 34mm		
TYPICAL SYSTEM LIFE:	90,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

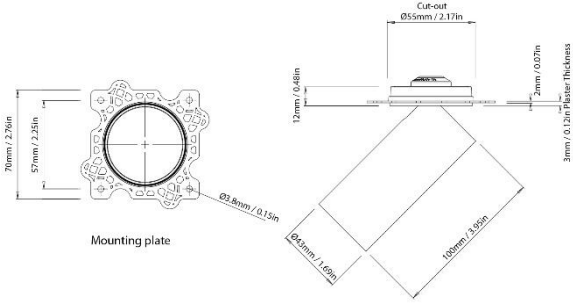
PAGE: 12 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **D6**
LOCATION: Entrance reception ceiling

IMAGE:



DRAWING:



MANUFACTURER: Orluna www.orluna.com or equal and approved alternative
CONTACT DETAILS: Paul Fenton pfenton@orluna.com 0192 388 9712
REFERENCE: Cloud Mini Trimless OR-CMT-27-D-W-W-BB-54
DESCRIPTION: Surface mounted adjustable downlight, wide beam
FINISH: Standard white ADJUSTMENT ANGLE: N/A
DIMENSIONS: 43mmØ x 100mm height. Cut out 55mmØ
IP RATING: IP54 QUANTITY per DRIVER: 1
ACCESSORIES: First fix kit
FIXING METHOD: First fixed kit to be installed and plaster skim to the edge
COMMENTS: Refer to manufacturer's full wiring and installation instruction. Do not paint over fitting during decoration works. Contractor to verify site to make sure no obstructions above ceiling. DALI driver through cut-out hole. Contractor to verify final finish prior to ordering

LAMP DETAILS

TYPE:	Origin LED	MACADAM STEPS:	2
COLOUR TEMP:	2700K	LAMP LUMENS:	1,045 lm
LUMINAIRE LUMENS	679 lm	LUMINAIRE LUMENS/W:	57.5 lm/W
FITTING WATTAGE:	11.8W	R9 VALUE:	99
CRI:	98	INPUT VOLTAGE:	35V/dc
BEAM ANGLE:	39°		

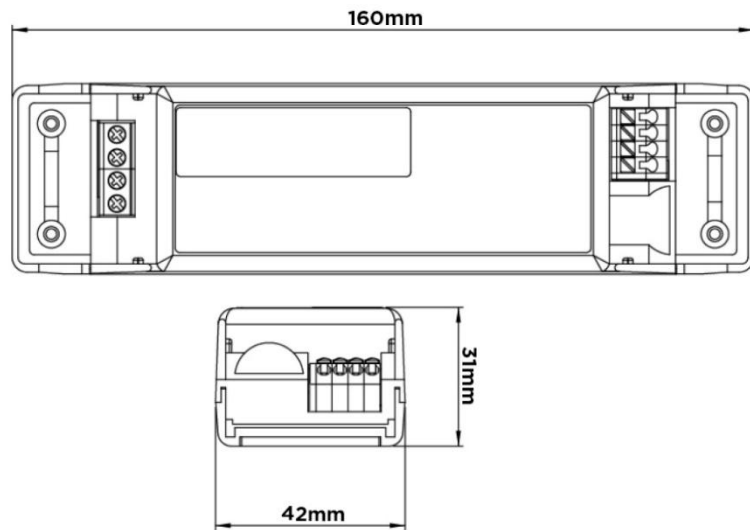
DRIVER / PSU DETAILS

MANUFACTURER:	EldoLED	REFERENCE:	D-300-1
DESCRIPTION:	300mA DALI dimmable, 20W, 220 – 240 VAC input, output 10-40V DC. Accessible in dry location		
MAX DISTANCE:	5m with 0.82mm ² (AWG18)	DIMMING:	DALI-2
DIMENSIONS:	L160mm x W42mm x H31mm		
TYPICAL SYSTEM LIFE:	50,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 13 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

DRIVER DIAGRAM:



ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 14 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **D7**

LOCATION: Breakout and quiet room storage

IMAGE:



DRAWING:

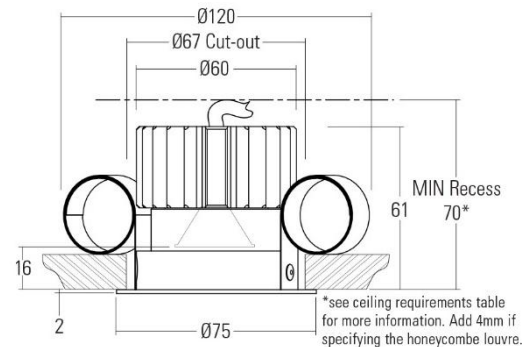


Image above is white bezel. Final bezel colour TBC

MANUFACTURER: Light Graphix www.lightgraphix.co.uk or equal and approved equivalent

CONTACT DETAILS: Chris Schulkins chris@lightgraphix.biz +44 (0)1322 527629

REFERENCE: LD1080-E3-500/LW27/WWB/IP65/TBC + remote non dimmable driver

DESCRIPTION: Low glare LED down light with remote driver through cut out

FINISH: White (TBC) ADJUSTMENT ANGLE: Fixed

DIMENSIONS: 75mmØ x 61mm height x 67mm cut-out Ø (Minimum void requirements 200mm wide x 200mm length x 74mm height)

IP RATING: IP65 QUANTITY per DRIVER: 1

ACCESSORIES: N/A

FIXING METHOD: Spring mounted through storage box soffit cut-out

COMMENTS: Refer to manufacturer's full wiring and installation instruction. Do not paint over fitting during decoration works. Contractor to verify downlight height against site conditions prior to ordering and no obstructions above ceiling. Remote driver through cut out if void is waterproof or alternatively located in remote weatherproof enclosure

LAMP DETAILS

TYPE:	Nichia LED	MACADAM STEPS:	2
COLOUR TEMP:	2700K	LAMP LUMENS:	840lm
LUMINAIRE LUMENS	542lm	LUMINAIRE LUMENS/W:	77.4lm/w
FITTING WATTAGE:	7W	R9 VALUE:	TBC
CRI:	+Ra85	INPUT VOLTAGE:	17.1V dc
BEAM ANGLE:	54°		

DRIVER / PSU DETAILS

MANUFACTURER:	EldoLED	REFERENCE:	TXDEL500S
DESCRIPTION:	Digital 220 – 240 VAC input, 2-42V output 500mA 30W dimmable driver, constant current. Accessible in dry location		
MAX DISTANCE:	10m	DIMMING:	ON/OFF
DIMENSIONS:	210mm x 40mm x 34mm		
TYPICAL SYSTEM LIFE:	90,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

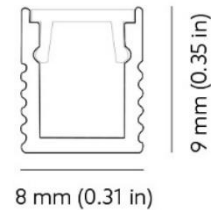
PAGE: 15 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **L2**
LOCATION: Joinery concealed lighting

IMAGE:



DRAWING:



MANUFACTURER: MONO Lighting Ltd www.monoled.com or equal and approved alternative

CONTACT DETAILS: Chris Jackson chris@monoled.com 0207 277 0426

REFERENCE: Monoline XS1-OC-D175/9-927 custom length

DESCRIPTION: Linear LED in aluminium profile with opal cover, no visible dots

FINISH: Aluminium ADJUSTMENT ANGLE: N/A

DIMENSIONS: 8mm width x 9mm height x length to suit joinery length

IP RATING: IP40 LENGTH per DRIVER: 6m

ACCESSORIES: Mounting clips

FIXING METHOD: Discrete clip mount fixing in the furniture lighting slot detail

COMMENTS: Refer to full manufacturer's installation instructions. DO NOT paint over fitting during decoration works. Contractor to provide precise lengths to the nearest increment and fully coordinated length. Discreet cable entry points to be coordinated with manufacture prior to ordering. Remote driver location required with easy access for maintenance. To be controlled by local light switch

LAMP DETAILS

TYPE: Lumileds (incremental lengths of 40mm)

COLOUR TEMP: 3000K MACADAM STEPS: 3

LUMINAIRE LUMENS: 629 lm/m LAMP LUMENS: 1,058 lm/m

FITTING WATTAGE: 9.6w/m LUMINAIRE LUMENS/W: 65.7 lm/W

CRI: +Ra90 R9 VALUE: 55 – 60

BEAM ANGLE: 120° INPUT VOLTAGE: 24V dc

DRIVER / PSU DETAILS

MANUFACTURER: Tridonic REFERENCE: LCA60 24V one4all

DESCRIPTION: Digital 220 – 240 VAC input, 60W LED driver – output 24V DC. Accessible in dry location

MAX DISTANCE: 6m - 1.5mm² cable DIMMING: ON/OFF
10m - 2.5mm² cable

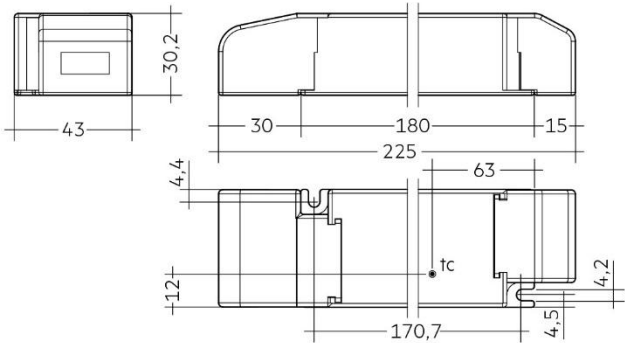
DIMENSIONS: L255mm x W43mm x H30.2mm

TYPICAL SYSTEM LIFE: 50,000 hours WARRANTY: 2 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 16 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

Driver Diagram



ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

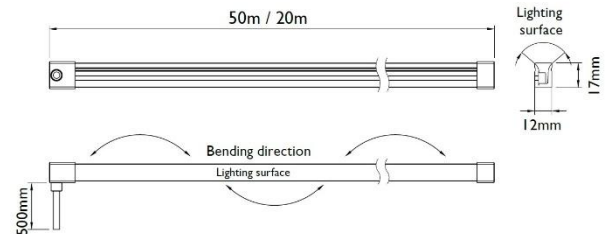
PAGE: 17 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **L3**
LOCATION: Exterior ramp handrail

IMAGE:



DRAWING:



MANUFACTURER: ATEA Lighting Ltd www.atea.fr or equal and approved alternative
CONTACT DETAILS: Greg Russell greg@meshlighting.co.uk 0207 407 0251
REFERENCE: Neo Side Distance A4550-927-IP67-DALI custom length
DESCRIPTION: Linear flexible LED with Side exit cable, no visible dots
FINISH: Silicone
ADJUSTMENT ANGLE: N/A
DIMENSIONS: 12mm width x 17mm height x length to suit handrail. Maximum length 20m in one run
IP RATING: IP67
LENGTH per DRIVER: 20m
ACCESSORIES: Stainless steel mounting rail A4550.TRA for straight length, A4550.MGS moldable groove for curved length
FIXING METHOD: Screw fixing stainless steel mounting rail in the handrail conceal detail
COMMENTS: Refer to full manufacturer's installation instructions. Contractor to provide precise lengths to the nearest increment and fully coordinated length. Discreet cable entry points to be coordinated with manufacture prior to ordering. Remote driver location required with easy access for maintenance, controlled via time clock

LAMP DETAILS

TYPE:	LED (incremental lengths of 37.5mm)		
COLOUR TEMP:	2700K	MACADAM STEPS:	1
LUMINAIRE LUMENS	390 lm/m	LAMP LUMENS:	TBC
FITTING WATTAGE:	10w/m	LUMINAIRE LUMENS/W:	62.3 lm/W
CRI:	+Ra90	R9 VALUE:	55 – 60
BEAM ANGLE:	120°	INPUT VOLTAGE:	24V dc

DRIVER / PSU DETAILS

MANUFACTURER:	Meanwell	REFERENCE:	ELG-200-48DA-3Y
DESCRIPTION:	IP67 200W AC/DC LED driver – input 230V AC – output 48V DC Accessed in dry location		
MAX DISTANCE:	10m - 1.5mm ² cable 15m - 2.5mm ² cable	DIMMING:	DALI
DIMENSIONS:	L244mm x W71mm x H37mm		
TYPICAL SYSTEM LIFE:	50,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 18 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

DRIVER DIAGRAM:



ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

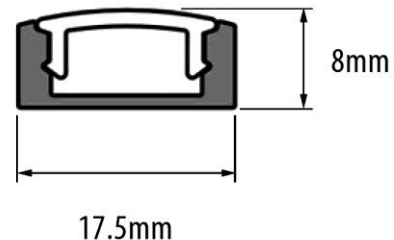
PAGE: 19 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **L5**
LOCATION: WC ceiling cove

IMAGE:



DRAWING:



MANUFACTURER: MONO Lighting Ltd www.monoled.com or equal and approved alternative

CONTACT DETAILS: Chris Jackson chris@monoled.com 0207 277 0426

REFERENCE: Monoline XS7-FC-D112/19-D4-927 custom length

DESCRIPTION: Linear LED in aluminium profile with frosted cover

FINISH: Aluminium ADJUSTMENT ANGLE: N/A

DIMENSIONS: 17.5mm width x 8mm height x length to be measured against site

IP RATING: IP20 LENGTH per DRIVER: 3m

ACCESSORIES: Mounting clips

FIXING METHOD: Surface mounted with fixing clips in the ceiling cove detail

COMMENTS: DO NOT paint over fitting during decoration works. Contractor to provide precise lengths to the nearest increment and fully coordinated length. Discreet cable entry points to be coordinated with manufacture prior to ordering. Remote driver location required with easy access for maintenance - driver to be fully verified for compatibility PD presence detector

LAMP DETAILS

TYPE: Lumileds (incremental lengths of 62.5mm)

COLOUR TEMP: 2700K MACADAM STEPS: 3

LUMINAIRE LUMENS 1,544 lm/m LAMP LUMENS: 2,032 lm/m

FITTING WATTAGE: 19.2w/m LUMINAIRE LUMENS/W: 80.4 lm/W

CRI: +Ra90 R9 VALUE: 55 – 60

BEAM ANGLE: 120° INPUT VOLTAGE: 24V dc

DRIVER / PSU DETAILS

MANUFACTURER: Tridonic REFERENCE: LC60 24V one4all

DESCRIPTION: Digital 220 – 240 VAC input, 60W LED driver – output 24V DC. Accessible in dry location

MAX DISTANCE: 6m - 1.5mm² cable DIMMING: ON/OFF
10m - 2.5mm² cable

DIMENSIONS: L225mm x W43mm x H30.2mm

TYPICAL SYSTEM LIFE: 50,000 hours WARRANTY: 5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 20 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **L7**
LOCATION: Moat arch 1 & 2

IMAGE:



DRAWING:

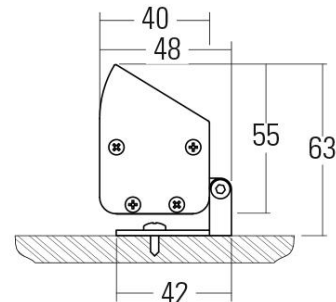


Image above shows aluminium profile. Actual finishes to be antique bronze (TBC)

MANUFACTURER: Light Graphix www.lightgraphix.co.uk or equal and approved equivalent
CONTACT DETAILS: Chris Schulkins chris@lightgraphix.biz +44 (0)1322 527629
REFERENCE: LD38C-C1-700/LW27/75/WB/Antique bronze/ABM + remote DALI driver
DESCRIPTION: Low glare linear wide beam with remote driver
FINISH: Painted finishes – antique bronze (TBC) ADJUSTMENT ANGLE: 170°
DIMENSIONS: 40mm(W) x 55mm(H) x 2,200mm(L)
IP RATING: IP67 QUANTITY per DRIVER: 4
ACCESSORIES: Anti-glare cowl
FIXING METHOD: Adjustable brackets
COMMENTS: Contractor to verify the final approved body colour / finish before ordering
Contractor to ensure full compatibility between driver and control system with capability of smooth dimming to off

LAMP DETAILS

TYPE:	LED (75mm LED spacing)		
COLOUR TEMP:	2700K	MACADAM STEPS:	2
LUMINAIRE LUMENS	2,500 lm/m	LAMP LUMENS:	2,746 lm/m
FITTING WATTAGE:	30.67W	LUMINAIRE LUMENS/W:	81.5lm/W
CRI:	+Ra93	R9 VALUE:	TBC
BEAM ANGLE:	48° wide beam	INPUT VOLTAGE:	3V dc

DRIVER / PSU DETAILS

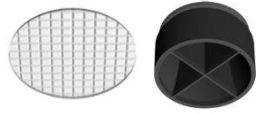
MANUFACTURER:	TCI	REFERENCE:	TXDEL4A700DALI-1
DESCRIPTION:	Digital 220 – 240 VAC input, 2-37.5V output 100W 700mA DALI dimmable driver, constant current. Accessible in dry location		
MAX DISTANCE:	20m max. by 2.5mm ² cable	DIMMING:	DALI
DIMENSIONS:	388mm x 42mm x 30mm		
TYPICAL SYSTEM LIFE:	50,000 hours	WARRANTY:	5 Years

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PROJECT: The Tower of London – The Reveller

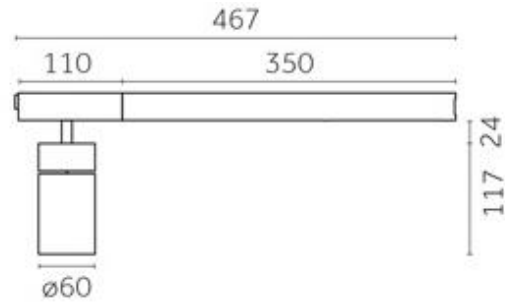
PAGE: 21 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **S1**
LOCATION: Community Room and part of corridor

IMAGE:



DRAWING:



MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: Yori Evo Ghosttrack Precision D.1X.GH63H.HW12
DESCRIPTION: Track mounted spot light. Invisible track adaptor concealed inside track
FINISH: Embossed matte white
ADJUSTMENT ANGLE: 356° horizontal axis
90° vertical axis
DIMENSIONS: 60mmØ x 117mm(H)
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: 0.26470.0000 diffusive lens + 0.26477.0000 cross blade louvre (Contractor is to store these accessories in a safe and secure location on site)
FIXING METHOD: Track mounted in T1 track
COMMENTS: Refer to full manufacturer's installation instructions.
Driver to be fully verified for compatibility with lighting control system
Contractor to verify colour of the signed off design before ordering. To be controlled by DALI rotary dimmer switch

LAMP DETAILS

TYPE:	Warm white LED		
COLOUR TEMP:	2700K	MACADAM STEPS:	2
LUMINAIRE LUMENS	TBC	LAMP LUMENS:	1,370lm
FITTING WATTAGE:	13.5W	LUMINAIRE LUMENS/W:	TBC
CRI:	+Ra90	R9 VALUE:	N/A
BEAM ANGLE:	32° + Diffusive lens	INPUT VOLTAGE:	240V

DRIVER / PSU DETAILS

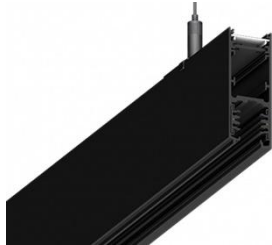
MANUFACTURER:	Reggiani	REFERENCE:	N/A
DESCRIPTION:	Integrated DALI dimmable driver		
MAX DISTANCE:	N/A	DIMMING:	DALI-2 compatible
DIMENSIONS:	N/A		
TYPICAL SYSTEM LIFE:	30,000 hours	WARRANTY:	5Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 22 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **T1**
LOCATION: Community Room and part of corridor

IMAGE:



DRAWING:

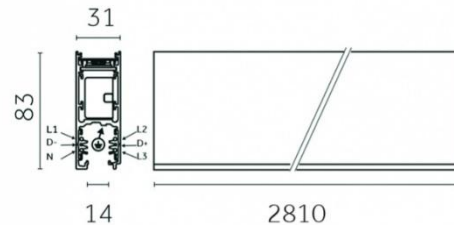


Image above is black track. Actual fitting to be white

MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: D.02532.HW10 H Track Indirect + 0.02070.0010 suspension kit with 1m tige, threaded M6 rod
DESCRIPTION: Suspended mains voltage DALI controllable lighting track with built-in linear LED uplight
FINISH: Embossed matte white
ADJUSTMENT ANGLE: n/a
DIMENSIONS: Refer to diagram. Current reference code is 2.81m length. Final length to be advised by the manufacturer
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: Manufacturer to recommend the required track accessories and quantities for full working condition
FIXING METHOD: Suspension kit with 1m tige screw fixed to ceiling
COMMENTS: Refer to full manufacturer's installation instructions
Do not paint over fitting during decoration works.
To be controlled by separate DALI rotary dimmer switch

LAMP DETAILS

TYPE:	LED	
COLOUR TEMP:	2700K	MACADAM STEPS: 3
LUMINAIRE LUMENS	TBC	LAMP LUMENS: 3,290lm/m
FITTING WATTAGE:	25W/m	LUMINAIRE LUMENS/W: TBC
CRI:	+Ra90	R9 VALUE: TBC
BEAM ANGLE:	105°	INPUT VOLTAGE: 220V

DRIVER / PSU DETAILS

MANUFACTURER:	Reggiani	REFERENCE: n/a
DESCRIPTION:	Built-in DALI dimmable driver concealed in track	
MAX DISTANCE:	n/a	DIMMING: DALI
DIMENSIONS:	n/a	

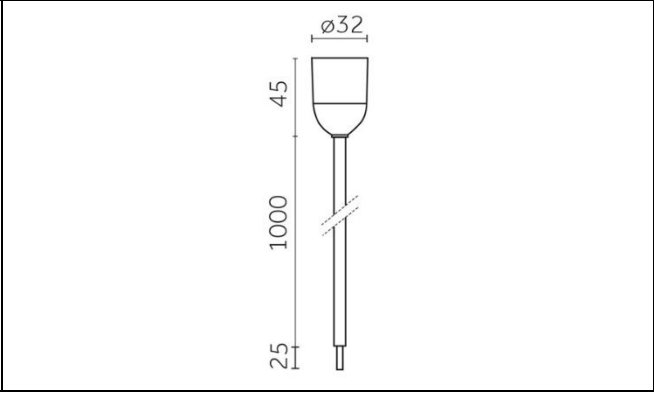
TYPICAL SYSTEM LIFE: 50,000 hours

WARRANTY: 5 Years on LED

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 23 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

0.02070.0010 1m suspension tige (Exact length to cut on site TBC)

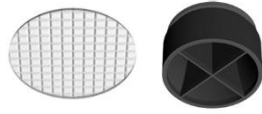


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PROJECT: The Tower of London – The Reveller

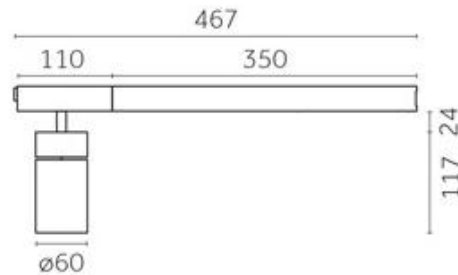
PAGE: 24 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **S2**
LOCATION: Studio

IMAGE:



DRAWING:



MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: Yori Evo Ghosttrack Precision D.1X.GH64H.HW12
DESCRIPTION: Track mounted spot light. Invisible track adaptor concealed inside track
FINISH: Embossed matte white or to match ceiling
ADJUSTMENT ANGLE: 356° horizontal axis
90° vertical axis
DIMENSIONS: 60mmØ x 117mm(H)
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: 0.26470.0000 diffusive lens + 0.26477.0000 Cross blade louvre (Contractor is to store these accessories in a safe and secure location on site)
FIXING METHOD: Track mounted in T2 track
COMMENTS: Refer to full manufacturer's installation instructions.
Driver to be fully verified for compatibility with lighting control system
Contractor to verify colour of the signed off design before ordering
To be controlled by DALI rotary dimmable switch

LAMP DETAILS

TYPE:	Warm white LED		
COLOUR TEMP:	2700K	MACADAM STEPS:	2
LUMINAIRE LUMENS	TBC	LAMP LUMENS:	1,915lm
FITTING WATTAGE:	17W	LUMINAIRE LUMENS/W:	TBC
CRI:	+Ra90	R9 VALUE:	N/A
BEAM ANGLE:	32° + Diffusive lens	INPUT VOLTAGE:	240V

DRIVER / PSU DETAILS

MANUFACTURER:	Reggiani	REFERENCE:	N/A
DESCRIPTION:	Integrated DALI dimmable driver		
MAX DISTANCE:	N/A	DIMMING:	DALI-2 compatible
DIMENSIONS:	N/A		
TYPICAL SYSTEM LIFE:	30,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

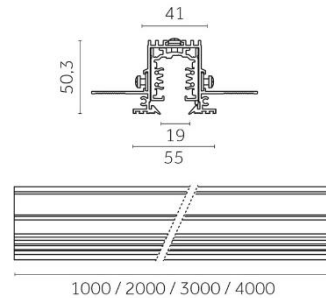
PAGE: 25 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **T2**
LOCATION: Studio

IMAGE:



DRAWING:



MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: 0.27103.0021 Supertrack
DESCRIPTION: Recessed trim-less mains voltage DALI lighting track
FINISH: Standard black ADJUSTMENT ANGLE: n/a
DIMENSIONS: Refer to diagram. Current reference code is 3m length. Shorter length can be ordered to make up the required length
IP RATING: IP20 QUANTITY per DRIVER: N/A
ACCESSORIES: Manufacturer to recommend the required track accessories and quantities for full working condition
FIXING METHOD: Recessed to plasterboard ceiling
COMMENTS: Refer to full manufacturer's installation instructions.
Fully protect / cover the track surface during plastering to avoid plaster get into the track interior. Do not paint over fitting during decoration works.
Driver to be fully verified for compatibility with lighting control.

LAMP DETAILS

TYPE:	To be used with S2		
COLOUR TEMP:	n/a	MACADAM STEPS:	n/a
LUMINAIRE LUMENS	n/a	LAMP LUMENS:	n/a
FITTING WATTAGE:	n/a	LUMINAIRE LUMENS/W:	n/a
CRI:	n/a	R9 VALUE:	n/a
BEAM ANGLE:	n/a	INPUT VOLTAGE:	220V

DRIVER / PSU DETAILS

MANUFACTURER:	n/a	REFERENCE:	n/a
DESCRIPTION:	n/a		
MAX DISTANCE:	n/a	DIMMING:	DALI
DIMENSIONS:	n/a		
TYPICAL SYSTEM LIFE:	n/a	WARRANTY:	1 Year

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

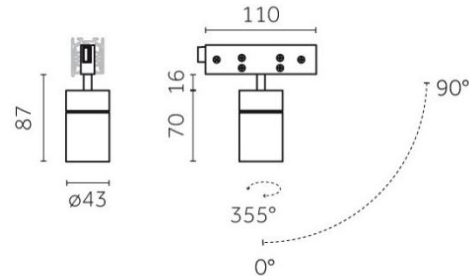
PAGE: 26 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **S3**
LOCATION: Entrance skylight

IMAGE:



DRAWING:



MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: Yori Evo Ghosttrack Precision X.1X.FH62H.HW12
DESCRIPTION: Track mounted spot light. Invisible track adaptor concealed inside track
FINISH: Embossed matte white
ADJUSTMENT ANGLE: 356° horizontal axis
90° vertical axis
DIMENSIONS: 43mmØ x 87mm(H)
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: 0.26468.0000 diffusive lens
FIXING METHOD: Track mounted in T3 track
COMMENTS: Refer to full manufacturer's installation instructions.
Driver to be fully verified for compatibility with lighting control system
Contractor to verify colour of the signed off design before ordering
To be controlled by DALI rotary dimmer switch

LAMP DETAILS

TYPE:	Warm white LED		
COLOUR TEMP:	2700K	MACADAM STEPS:	2
LUMINAIRE LUMENS	348lm	LAMP LUMENS:	695lm
FITTING WATTAGE:	10W	LUMINAIRE LUMENS/W:	34.8lm/w
CRI:	+Ra90	R9 VALUE:	N/A
BEAM ANGLE:	40° + diffuse lens	INPUT VOLTAGE:	220V

DRIVER / PSU DETAILS

MANUFACTURER:	Reggiani	REFERENCE:	N/A
DESCRIPTION:	Integrated DALI dimmable driver		
MAX DISTANCE:	N/A	DIMMING:	DALI-2 compatible
DIMENSIONS:	N/A		
TYPICAL SYSTEM LIFE:	30,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 27 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **T3**
LOCATION: Entrance skylight (On vertical side of the bulkhead)
IMAGE:  DRAWING: 

MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: 0.27103.0021 Supertrack
DESCRIPTION: Recessed trim-less mains voltage DALI controllable lighting track
FINISH: Standard black ADJUSTMENT ANGLE: n/a
DIMENSIONS: Refer to diagram. Current reference code is 3m length. Shorter length can be ordered to make up the required length
IP RATING: IP20 QUANTITY per DRIVER: N/A
ACCESSORIES: Manufacturer to recommend the required track accessories for full working condition
FIXING METHOD: Recessed to plasterboard bulkhead (vertical surface)
COMMENTS: Refer to full manufacturer's installation instructions.
Fully protect / cover the track surface during plastering to avoid plaster get into the track interior. Do not paint over fitting during decoration works.
Driver to be fully verified for compatibility with lighting control.

LAMP DETAILS

TYPE:	To be used with S3		
COLOUR TEMP:	n/a	MACADAM STEPS:	n/a
LUMINAIRE LUMENS	n/a	LAMP LUMENS:	n/a
FITTING WATTAGE:	n/a	LUMINAIRE LUMENS/W:	n/a
CRI:	n/a	R9 VALUE:	n/a
BEAM ANGLE:	n/a	INPUT VOLTAGE:	220V

DRIVER / PSU DETAILS

MANUFACTURER:	n/a	REFERENCE:	n/a
DESCRIPTION:	n/a		
MAX DISTANCE:	n/a	DIMMING:	DALI
DIMENSIONS:	n/a		
TYPICAL SYSTEM LIFE:	n/a	WARRANTY:	1 Year

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

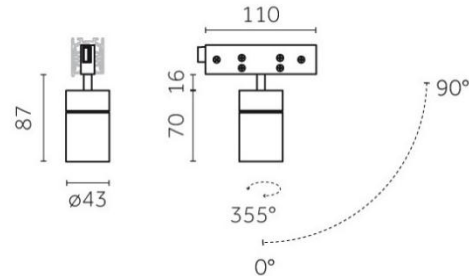
PAGE: 28 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **S5**
LOCATION: Office

IMAGE:



DRAWING:



MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: Yori Evo Ghosttrack Precision X.1X.FH62H.HW12
DESCRIPTION: Track mounted spot light. Invisible track adaptor concealed inside track
FINISH: Embossed matte white
ADJUSTMENT ANGLE: 356° horizontal axis
90° vertical axis
DIMENSIONS: 43mmØ x 87mm(H)
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: 0.26468.0000 diffusive lens + 0.26476.0000 cross blade louvre
FIXING METHOD: Track mounted in T5 track
COMMENTS: Refer to full manufacturer's installation instructions.
Driver to be fully verified for compatibility with lighting control system
Contractor to verify colour of the signed off design before ordering
To be controlled by DALI rotary dimmer switch

LAMP DETAILS

TYPE:	Warm white LED		
COLOUR TEMP:	2700K	MACADAM STEPS:	2
LUMINAIRE LUMENS	348lm	LAMP LUMENS:	695lm
FITTING WATTAGE:	10W	LUMINAIRE LUMENS/W:	34.8lm/w
CRI:	+Ra90	R9 VALUE:	N/A
BEAM ANGLE:	40° + diffuse lens	INPUT VOLTAGE:	220V

DRIVER / PSU DETAILS

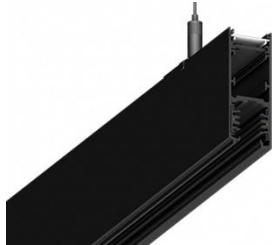
MANUFACTURER:	Reggiani	REFERENCE:	N/A
DESCRIPTION:	Integrated DALI dimmable driver		
MAX DISTANCE:	N/A	DIMMING:	DALI Broadcast
DIMENSIONS:	N/A		
TYPICAL SYSTEM LIFE:	30,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 29 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **T5**
LOCATION: Office

IMAGE:



DRAWING:

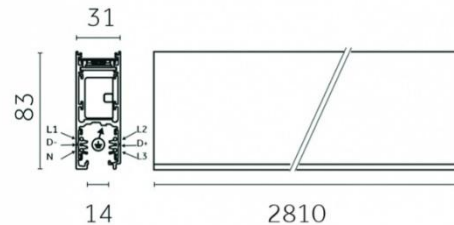


Image above is black track. Actual fitting to be white

MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: D.02532.HW10 H Track Indirect + 0.02070.0010 suspension kit with 1m tige, threaded M6 rod
DESCRIPTION: Suspended mains voltage DALI controllable lighting track with built-in linear LED uplight
FINISH: Embossed matte white
ADJUSTMENT ANGLE: n/a
DIMENSIONS: Refer to diagram. Current reference code is 2.81m length. Final length to be advised by the manufacturer
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: Manufacturer to recommend the required track accessories and quantities for full working condition
FIXING METHOD: Suspension kit with 1m tige screw fixed to ceiling
COMMENTS: Refer to full manufacturer's installation instructions
Do not paint over fitting during decoration works.
To be controlled by separate DALI rotary dimmer switch

LAMP DETAILS

TYPE:	LED	
COLOUR TEMP:	2700K	MACADAM STEPS: 3
LUMINAIRE LUMENS	TBC	LAMP LUMENS: 3,290lm/m
FITTING WATTAGE:	24.3W/m	LUMINAIRE LUMENS/W: TBC
CRI:	+Ra90	R9 VALUE: TBC
BEAM ANGLE:	105°	INPUT VOLTAGE: 220V

DRIVER / PSU DETAILS

MANUFACTURER:	Reggiani	REFERENCE: n/a
DESCRIPTION:	Built-in DALI dimmable driver concealed in track	
MAX DISTANCE:	n/a	DIMMING: DALI
DIMENSIONS:	n/a	

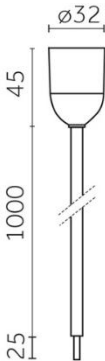
TYPICAL SYSTEM LIFE: 50,000 hours

WARRANTY: 5 Years on LED

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 30 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

0.02070.0010 1m suspension tige (Exact length to cut on site TBC)



ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

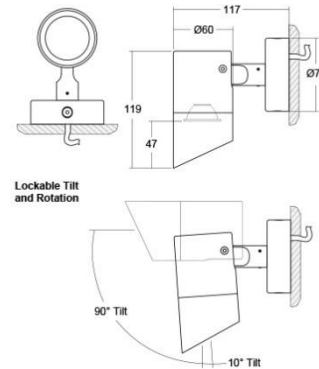
PAGE: 31 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **S6**
LOCATION: Exterior above ASHP enclosure

IMAGE:



DRAWING:



MANUFACTURER: Lightgraphix Lighting www.lightgraphix.co.uk or equal and approved alternative

CONTACT DETAILS: Chris Schulkins chris@lightgraphix.biz +44 (0)1322 527629

REFERENCE: LD10238-N1-700/LW27/WWB/RAL/SMB/HL

DESCRIPTION: Wall mounted spot light with anti-glare honeycomb louvre

FINISH: Custom RAL TBC

ADJUSTMENT ANGLE: -10° to 90° tilt, 360° rotation

DIMENSIONS: Refer to diagram

IP RATING: IP67

QUANTITY per DRIVER: 1-2

ACCESSORIES: Honeycomb louvre

FIXING METHOD: Surface mounted wall rose

COMMENTS: Refer to full manufacturer's installation instructions. Discreet cable entry points to be coordinated with manufacturer prior to ordering. Remote driver location required with easy access for maintenance. To be controlled by DALI rotary dimmer switch

LAMP DETAILS

TYPE:	N1 LED	MACADAM STEPS:	2
COLOUR TEMP:	2700K	LAMP LUMENS:	1,264 lm
LUMINAIRE LUMENS	891 lm	LUMINAIRE LUMENS/W:	67 lm/W
FITTING WATTAGE:	14W	R9 VALUE:	TBC
CRI:	+Ra93	INPUT VOLTAGE:	17.1V dc
BEAM ANGLE:	65°		

DRIVER / PSU DETAILS

MANUFACTURER:	EldoLED	REFERENCE:	TXDEL700DALI
DESCRIPTION:	Digital 220 – 240 VAC input, 700mA, 30W LED driver – output 2-42V DC. Accessible in dry location		
MAX DISTANCE:	10m	DIMMING:	DALI-2 compatible
DIMENSIONS:	L210mm x W41mm x H34mm		
TYPICAL SYSTEM LIFE:	30,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

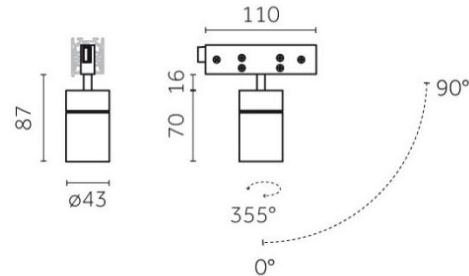
PAGE: 32 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **S9**
LOCATION: Quiet room

IMAGE:



DRAWING:



MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: Yori Evo Ghosttrack Precision X.1X.FH62H.HW12
DESCRIPTION: Track mounted spot light. Invisible track adaptor concealed inside track
FINISH: Embossed matte white
ADJUSTMENT ANGLE: 356° horizontal axis
90° vertical axis
DIMENSIONS: 43mmØ x 87mm(H)
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: 0.26468.0000 diffusive lens + 0.26476.0000 cross blade louvre
FIXING METHOD: Track mounted in T9 track
COMMENTS: Refer to full manufacturer's installation instructions.
Driver to be fully verified for compatibility with lighting control system
Contractor to verify colour of the signed off design before ordering
To be controlled by DALI rotary dimmer switch

LAMP DETAILS

TYPE: Warm white LED
COLOUR TEMP: 2700K
MACADAM STEPS: 2
LUMINAIRE LUMENS: 348lm
LAMP LUMENS: 695lm
FITTING WATTAGE: 10W
LUMINAIRE LUMENS/W: 34.8lm/w
CRI: +Ra90
R9 VALUE: N/A
BEAM ANGLE: 40° + diffuse lens
INPUT VOLTAGE: 220V

DRIVER / PSU DETAILS

MANUFACTURER: Reggiani
REFERENCE: N/A
DESCRIPTION: Integrated DALI dimmable driver
MAX DISTANCE: N/A
DIMMING: DALI Broadcast
DIMENSIONS: N/A
TYPICAL SYSTEM LIFE: 30,000 hours
WARRANTY: 5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 33 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **T9**
LOCATION: Quiet room

IMAGE:



DRAWING:

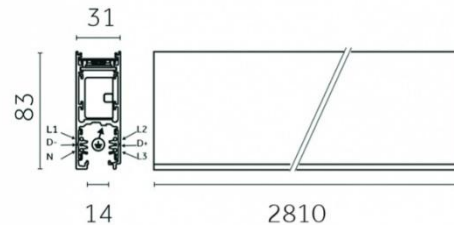


Image above is black track. Actual fitting to be white

MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: D.02534.QT10 H Track Indirect + 0.02070.0010 suspension kit with 1m tige, threaded M6 rod
DESCRIPTION: Suspended mains voltage DALI controllable lighting track with built-in linear tuneable white LED uplight
FINISH: Embossed matte white
ADJUSTMENT ANGLE: n/a
DIMENSIONS: Refer to diagram. Current reference code is 2.81m length. Final length to suit site to be advised by the manufacturer
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: Manufacturer to recommend the required track accessories and quantities for full working condition
FIXING METHOD: Suspension kit with 1m tige screw fixed to ceiling
COMMENTS: Refer to full manufacturer's installation instructions
Do not paint over fitting during decoration works.
To be controlled by separate DALI rotary dimmer switch

LAMP DETAILS

TYPE:	Tuneable white LED		
COLOUR TEMP:	2200K – 6500K	MACADAM STEPS:	3
LUMINAIRE LUMENS	TBC	LAMP LUMENS:	1,662lm/m
FITTING WATTAGE:	15W/m	LUMINAIRE LUMENS/W:	TBC
CRI:	+Ra90	R9 VALUE:	TBC
BEAM ANGLE:	105°	INPUT VOLTAGE:	220V

DRIVER / PSU DETAILS


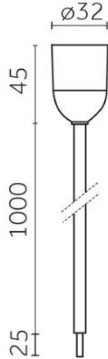
MANUFACTURER:	Reggiani	REFERENCE:	n/a
DESCRIPTION:	Built-in DALI dimmable driver concealed in track		
MAX DISTANCE:	n/a	DIMMING:	DALI
DIMENSIONS:	n/a		

TYPICAL SYSTEM LIFE: 50,000 hours

WARRANTY: 5 Years on LED

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 34 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

0.02070.0010 1m suspension tige (Exact length to cut on site TBC)	
	

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

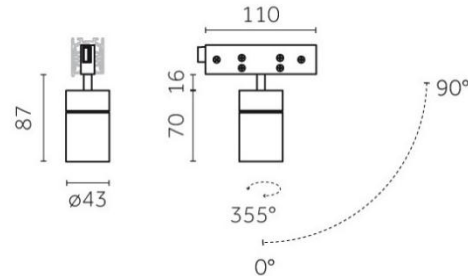
PAGE: 35 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **S10**
LOCATION: Breakout room

IMAGE:



DRAWING:



MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: Yori Evo Ghosttrack Precision X.1X.FH62E.HW12
DESCRIPTION: Track mounted spot light. Invisible track adaptor concealed inside track
FINISH: Embossed matte white
ADJUSTMENT ANGLE: 356° horizontal axis
90° vertical axis
DIMENSIONS: 43mmØ x 87mm(H)
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: 0.26468.0000 diffusive lens + 0.26476.0000 cross blade louvre
FIXING METHOD: Track mounted in T10 track
COMMENTS: Refer to full manufacturer's installation instructions.
Driver to be fully verified for compatibility with lighting control system
Contractor to verify colour of the signed off design before ordering

LAMP DETAILS

TYPE:	Warm white LED		
COLOUR TEMP:	2700K	MACADAM STEPS:	2
LUMINAIRE LUMENS	528lm	LAMP LUMENS:	695lm
FITTING WATTAGE:	10W	LUMINAIRE LUMENS/W:	57m/w
CRI:	+Ra90	R9 VALUE:	N/A
BEAM ANGLE:	23° + diffuse lens	INPUT VOLTAGE:	220V

DRIVER / PSU DETAILS

MANUFACTURER:	Reggiani	REFERENCE:	N/A
DESCRIPTION:	Integrated DALI dimmable driver		
MAX DISTANCE:	N/A	DIMMING:	DALI Broadcast
DIMENSIONS:	N/A		
TYPICAL SYSTEM LIFE:	30,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 36 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **T10**
LOCATION: Breakout space

IMAGE:



DRAWING:

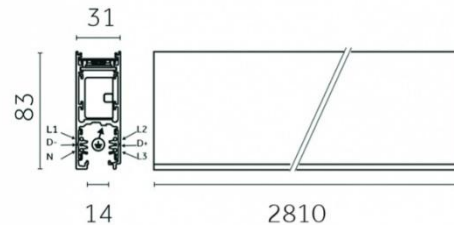


Image above is black track. Actual fitting to be white

MANUFACTURER: Reggiani www.reggiani.net or equal and approved alternative
CONTACT DETAILS: Caroline Smith caroline.s@reggiani.co.uk 020 8236 3000
REFERENCE: D.02532.HW10 H Track Indirect + 0.02070.0010 suspension kit with 1m tige, threaded M6 rod
DESCRIPTION: Suspended mains voltage DALI controllable lighting track with built-in linear LED uplight
FINISH: Embossed matte white
ADJUSTMENT ANGLE: n/a
DIMENSIONS: Refer to diagram. Current reference code is 2.81m length. Final length to be advised by the manufacturer
IP RATING: IP20
QUANTITY per DRIVER: N/A
ACCESSORIES: Manufacturer to recommend the required track accessories and quantities for full working condition
FIXING METHOD: Suspension kit with 1m tige screw fixed to ceiling
COMMENTS: Refer to full manufacturer's installation instructions
Do not paint over fitting during decoration works.

LAMP DETAILS

TYPE:	LED	
COLOUR TEMP:	2700K	MACADAM STEPS: 3
LUMINAIRE LUMENS	TBC	LAMP LUMENS: 3,290lm/m
FITTING WATTAGE:	24.3W/m	LUMINAIRE LUMENS/W: TBC
CRI:	+Ra90	R9 VALUE: TBC
BEAM ANGLE:	105°	INPUT VOLTAGE: 220V

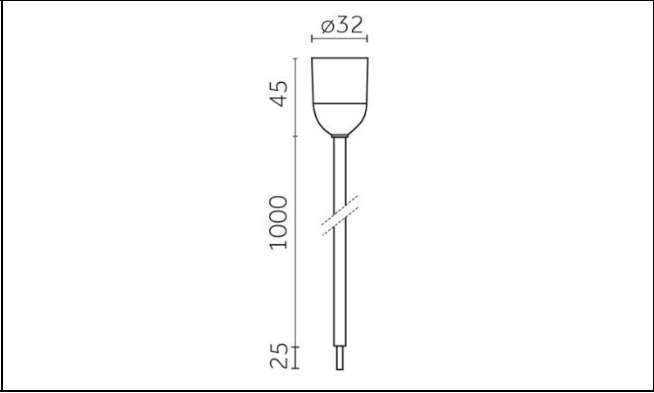
DRIVER / PSU DETAILS

MANUFACTURER:	Reggiani	REFERENCE: n/a
DESCRIPTION:	Built-in DALI dimmable driver concealed in track	
MAX DISTANCE:	n/a	DIMMING: DALI
DIMENSIONS:	n/a	
TYPICAL SYSTEM LIFE:	50,000 hours	WARRANTY: 5 Years on LED

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 37 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

0.02070.0010 1m suspension tige (Exact length to cut on site TBC)



ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 38 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **U1**
LOCATION: Entrance exterior window reveals and entrance portal
IMAGE: DRAWING:

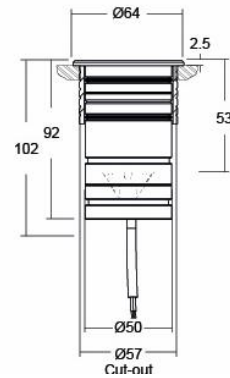


Image above is stainless steel finish. Actual fitting to be flamed solid bronze

MANUFACTURER: Light Graphix www.lightgraphix.co.uk or equal and approved equivalent
CONTACT DETAILS: Chris Schulkins chris@lightgraphix.biz +44 (0)1322 527629
REFERENCE: LD141DR-E3-350/LW27/NB/GSHM/Flamed Solid Bronze/441S + remote DALI driver
DESCRIPTION: Low glare LED uplight with remote driver
FINISH: Flamed solid bronze ADJUSTMENT ANGLE: Fixed
DIMENSIONS: 64mmØ x 102mm recess depth – 57mmØ cut-out
IP RATING: IP67 QUANTITY per DRIVER: 1 - 4
ACCESSORIES: 480 first fix installation sleeve
FIXING METHOD: Installed through cut-out – maximum thickness to be confirmed.
COMMENTS: **Contractor to ensure full compatibility between driver and control system with capability of smooth dimming to off**

LAMP DETAILS

TYPE:	LED	MACADAM STEPS:	2
COLOUR TEMP:	2700K	LAMP LUMENS:	596lm
LUMINAIRE LUMENS	336lm	LUMINAIRE LUMENS/W:	67lm/W
FITTING WATTAGE:	5W	R9 VALUE:	TBC
CRI:	+Ra85	INPUT VOLTAGE:	3.2V dc
BEAM ANGLE:	12° Narrow Beam		

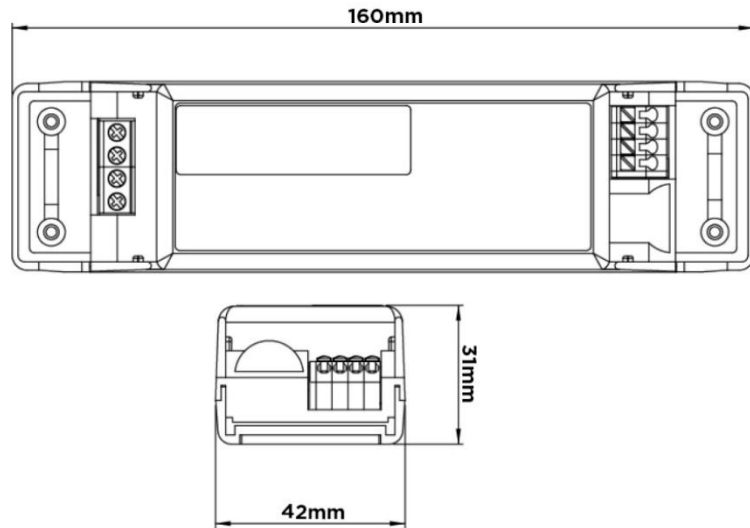
DRIVER / PSU DETAILS

MANUFACTURER:	EldoLED	REFERENCE:	TXDEL350DALI
DESCRIPTION:	Digital 220 – 240 VAC input, 2-55V output 150 – 1,050mA 20W DALI dimmable driver, constant current. Accessible in dry location		
MAX DISTANCE:	10m	DIMMING:	DALI-2
DIMENSIONS:	160mm x 42mm x 31mm		
TYPICAL SYSTEM LIFE:	50,000 hours	WARRANTY:	5 Years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 39 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

DRIVER DIAGRAM:



ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 40 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **W1**
LOCATION: Moat arch 1-2

IMAGE:

DRAWING:



MANUFACTURER: Dyke & Dean www.dykeanddean.com or equal and approved alternative
CONTACT DETAILS: Sale info@dykeanddean.com +44(0)1424 429202
REFERENCE: Tube lamp black base medium
DESCRIPTION: Decorative wall light
FINISH: Opal glass ADJUSTMENT ANGLE: N/A
DIMENSIONS: 140mmØ x 156mm wall projection
IP RATING: IP44 LENGTH per DRIVER: N/A
ACCESSORIES: N/A
FIXING METHOD: Surface mounted on wall
COMMENTS: Refer to full manufacturer's installation instructions
DO NOT paint over fitting during decoration works

LAMP DETAILS

TYPE: LED E27 (Philips Master Pear Filament 922-927 Dim to warm lamp purchased separately)
COLOUR TEMP: 2200K – 2700K MACADAM STEPS: 2
LUMINAIRE LUMENS: TBC LAMP LUMENS: 1,521lm
FITTING WATTAGE: 10.5W LUMINAIRE LUMENS/W: TBC
CRI: >90 R9 VALUE: TBC
BEAM ANGLE: Diffuse INPUT VOLTAGE: 230V

DRIVER / PSU DETAILS

MANUFACTURER: N/A REFERENCE: N/A
DESCRIPTION: Mains dimmable LED light bulb
MAX DISTANCE: N/A DIMMING: Mains dimmable
DIMENSIONS: N/A
TYPICAL SYSTEM LIFE: 25,000 hours WARRANTY: 2 years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

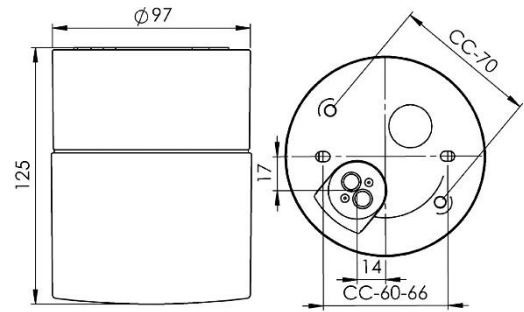
PAGE: 41 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **W2**
LOCATION: WC

IMAGE:



DRAWING:



MANUFACTURER: IFO Electric www.ifolectric.com or equal and approved alternative
CONTACT DETAILS: Sales brasted@hollowaysofludlow.com +44 1959 581569
REFERENCE: Opus 100/125 LED 2700K
DESCRIPTION: Decorative wall light
FINISH: White ceramic base + opal glass
ADJUSTMENT ANGLE: N/A
DIMENSIONS: See illustration
IP RATING: IP44
LENGTH per DRIVER: N/A
ACCESSORIES: N/A
FIXING METHOD: Surface mounted on wall
COMMENTS: Refer to full manufacturer's installation instructions
DO NOT paint over fitting during decoration works

LAMP DETAILS

TYPE:	Integrated LED	MACADAM STEPS:	2
COLOUR TEMP:	2700K	LAMP LUMENS:	800lm
LUMINAIRE LUMENS	548lm	LUMINAIRE LUMENS/W:	68.5lm/w
FITTING WATTAGE:	8W	R9 VALUE:	TBC
CRI:	>90	INPUT VOLTAGE:	230V
BEAM ANGLE:	Diffuse		

DRIVER / PSU DETAILS

MANUFACTURER:	N/A	REFERENCE:	N/A
DESCRIPTION:	N/A		
MAX DISTANCE:	N/A	DIMMING:	ON/OFF
DIMENSIONS:	N/A		
TYPICAL SYSTEM LIFE:	47,000 hours (L80B10)	WARRANTY:	2 years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

PAGE: 42 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

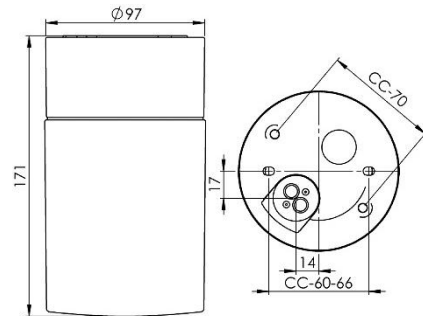
FITTING CODE: **W2A**

LOCATION: WC

IMAGE:



DRAWING:



MANUFACTURER: IFO Electric www.ifolectric.com or equal and approved alternative
CONTACT DETAILS: Sales brasted@hollowaysofludlow.com +44 1959 581569
REFERENCE: Opus 100/175
DESCRIPTION: Decorative wall light
FINISH: White ceramic base + opal glass
ADJUSTMENT ANGLE: N/A
DIMENSIONS: See illustration
IP RATING: IP44
LENGTH per DRIVER: N/A
ACCESSORIES: N/A
FIXING METHOD: Surface mounted on wall
COMMENTS: Refer to full manufacturer's installation instructions
DO NOT paint over fitting during decoration works

LAMP DETAILS

TYPE: Philips Master Value 11.2-100W E27 927 A60FRG (Purchased separately)
COLOUR TEMP: 2700K
MACADAM STEPS: 2
LUMINAIRE LUMENS: TBC
LAMP LUMENS: 1,521lm
FITTING WATTAGE: 11.2W
LUMINAIRE LUMENS/W: TBC
CRI: >90
R9 VALUE: TBC
BEAM ANGLE: Diffuse
INPUT VOLTAGE: 230V

DRIVER / PSU DETAILS

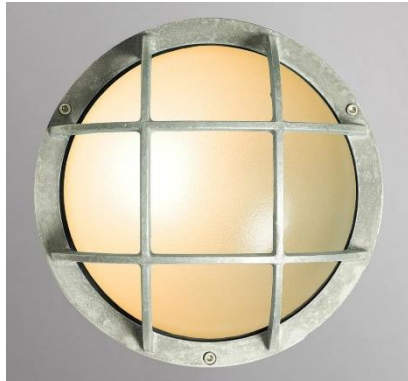
MANUFACTURER: N/A
REFERENCE: N/A
DESCRIPTION: N/A
MAX DISTANCE: N/A
DIMMING: ON/OFF
DIMENSIONS: N/A
TYPICAL SYSTEM LIFE: 47,000 hours (L80B10)
WARRANTY: 2 years

ARCHITECT: Jamie Fobert Architects
PROJECT: The Tower of London – The Reveller

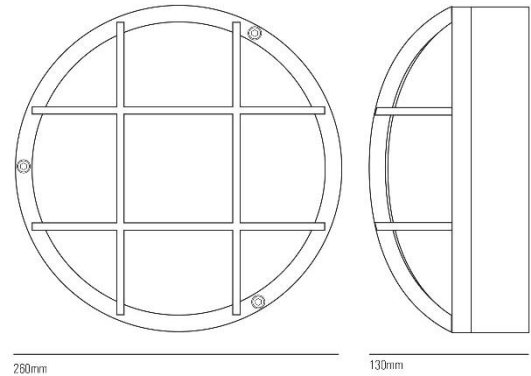
PAGE: 43 OF 43
PROJECT #: 612
ISSUE DATE: 23rd Oct 2025

FITTING CODE: **W3**
LOCATION: Moat arch 7-10

IMAGE:



DRAWING:



MANUFACTURER: Original BTC www.originalbtc.com or equal and approved alternative
CONTACT DETAILS: online shop www.originalbtc.com
REFERENCE: DP 8138 / AL / E27
DESCRIPTION: Decorative wall light
FINISH: Zinc grey + blown frosted glass
ADJUSTMENT ANGLE: N/A
DIMENSIONS: See illustration
IP RATING: IP54
LENGTH per DRIVER: N/A
ACCESSORIES: N/A
FIXING METHOD: Surface mounted on wall
COMMENTS: Refer to full manufacturer's installation instructions
DO NOT paint over fitting including the ceiling rose during decoration works

LAMP DETAILS

TYPE: Philips Master Value 11.2-100W E27 927 A60FRG (Purchased separately)
COLOUR TEMP: 2700K
MACADAM STEPS: 2
LUMINAIRE LUMENS: TBC
LAMP LUMENS: 1,521lm
FITTING WATTAGE: 11.2W
LUMINAIRE LUMENS/W: TBC
CRI: +Ra90
R9 VALUE: TBC
BEAM ANGLE: Diffuse
INPUT VOLTAGE: 230V

DRIVER / PSU DETAILS

MANUFACTURER: N/A
REFERENCE: N/A
DESCRIPTION: N/A
MAX DISTANCE: N/A
DIMMING: Mains dimmable
DIMENSIONS: N/A
TYPICAL SYSTEM LIFE: 50,000 hours
WARRANTY: 2 years