



Tottenham House – Sitewide Landscape
L10751A

LIGHTING EQUIPMENT SPECIFICATION
L10751A-LES-01

Revision: 07

05th March 2026

PREAMBLE

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.

2. STANDARDS COMPLIANCE

- 2.1 For projects in the United Kingdom, all equipment supplied shall comply with the relevant BS, EN, IEC, and C.E. 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. Standard requirements particular to individual luminaire types are indicated on the relevant specification sheet.
- 2.2 Notwithstanding the above, the following British Standards in particular should be checked for compliance:
- BS 559 Electric signs and high voltage luminous discharge tube installations.
 - BS 3535 Safety isolating transformers for industrial and domestic purposes.
 - BS 4533 Luminaires.
- 2.3 All wiring is to be carried out in accordance with the current IEE Wiring Regulations or the relevant national standards.
- 2.4 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.
- 2.5 The cost of obtaining any necessary approvals shall be included in any tender price, detailed as a separate item.

3. SAMPLES & PROTOTYPES

- 3.1 The Electrical Contractor shall provide samples of all luminaires for approval, including installation in mock-ups, as required.
- 3.2 Should a sample of a standard, or prototype of a special luminaire or variant of a standard luminaire 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.
- 3.3 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.

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. GUARANTEES

- 5.1** All equipment and components supplied shall be guaranteed against failure due to poor workmanship, materials, or luminaire design, for a period of not less than 18 months from the date of delivery to site or 12 months from the date of practical completion, whichever is the sooner, with the exception of lamps which shall be covered only by their manufacturer's normal assurances as to life expectancy and performance.

6. TECHNICAL REQUIREMENTS

6.1 Luminaires

- 6.1.1** 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.
- 6.1.2** Should alternative equipment be offered, full technical and photometric data shall be supplied to DPA LIGHTING CONSULTANTS LONDON in time to enable its accurate assessment. If any variants of standard luminaires are required, these shall be developed by the manufacturer of the standard luminaire, unless otherwise specifically stated, and shall be manufactured to the same standards as the equivalent standard luminaire.
- 6.1.3** Two copies of all working drawings of proposed variants, dimensioned in mm, shall be supplied to DPA LIGHTING CONSULTANTS LONDON for approval prior to fabrication.
- 6.1.4** 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.
- 6.1.5** DPA LIGHTING CONSULTANTS LONDON cannot accept responsibility for the installation of non-approved luminaires.
- 6.1.6** The final location of each luminaire and where relevant its integration with the architecture shall be as detailed on the construction issue drawings. DPA LIGHTING CONSULTANTS LONDON cannot accept responsibility for luminaires installed in a manner other than intimated in the relevant drawings or as otherwise agreed and noted in writing.
- 6.1.7** All quantities are to be checked against the appropriate drawings by the Electrical Contractor.
- 6.1.8** The Electrical Contractor is to verify the dimensions required for all cold cathode, linear LED, linear xenon and fibre optic installations prior to order.
- 6.1.9** The Electrical Contractor shall confirm all fixing details, cut out and recess dimensions with manufacturers.

6.2 Control Gear

- 6.2.1** All necessary control gear and transformers shall be mounted within the luminaire 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.
- 6.2.2** All control gear, transformers and emergency battery packs for ceiling recessed fittings are to be accessed through the ceiling cut out unless it is stated otherwise in the specification.
- 6.2.3** The Electrical Contractor is to ensure the correct supply voltage is provided at the lamp.
- 6.2.4** The Electrical Contractor shall ensure compatibility between control gear, transformers and emergency battery packs and the specified lighting control system.

- 6.2.5 Unless otherwise stated, all transformers shall be suitable for dimming on their primary side via a thyristor controlled remote lighting control system.
- 6.2.6 All transformers are specified for each individual fitting (unless indicated otherwise).
- 6.2.7 Transformers can either be toroidal wire wound or electronic. If electronic, the preferred manufacturer is either Intram Barwell or Mode Lighting. Alternatively, the light fitting supplier may also supply the transformer with their fitting, provided that it is of good quality.
- 6.2.8 All transformers are to include thermal overload and short-circuit protection.
- 6.2.9 Low voltage transformers with nominal 12 volts output shall provide 11.4 volts actual and 24 volts nominal shall provide 22.8 volts.
- 6.2.10 Where gear or transformers are installed remotely, care should be taken to ensure that any audible sounds generated by control gear, or by lamp filaments via control gear are kept to a minimum. Where this is particularly crucial, detailed acoustic requirements are included in the Specific Conditions.
- 6.2.11 All equipment shall be protected from unexpected mains failure, and mains borne interference.
- 6.2.12 Electrical supply connections shall be designed to facilitate the easy installation of the luminaires. The supplier shall liaise with the Electrical Engineer to ensure any specific requirements of his in this respect are met.

6.3 Lamps

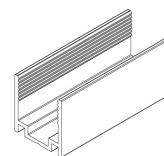
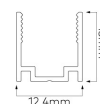
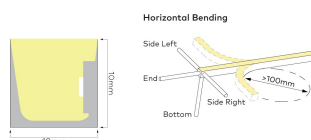
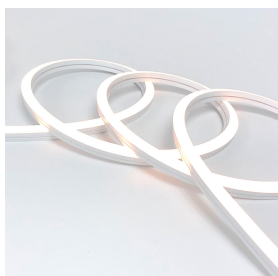
- 6.3.1 Incandescent and tungsten halogen lamps shall not be operated, other than for initial testing, prior to final inspection.
- 6.3.2 Lamps are generally specified by manufacturers name (e.g. Osram). Should alternative lamps be offered, these may be substituted without the approval of DPA LIGHTING CONSULTANTS LONDON except where noted below, provided particular attention is paid to lumen output, colour rendering, colour temperature, light distribution, life expectancy and general performance when selecting such alternatives.
- 6.3.3 For fluorescent and HID sources, alternative lamps may only be substituted if full technical data is first supplied to DPA LIGHTING CONSULTANTS LONDON to enable their accurate assessment and approval.
- 6.3.4 For low voltage reflector lamps, alternatives may only be substituted where the lamp has the same beam angle, peak intensity, lamp cover and shield characteristics as the lamp specified.

7. COMMISSIONING

- 7.1 The final focussing and scene setting of the installation must be undertaken with DPA LIGHTING CONSULTANTS LONDON and a lighting control technician in attendance. The programming of a lighting control system with a written lighting scene schedule shall not constitute completion.
- 7.2 The Electrical Contractor is to ensure that adequate personnel and all necessary access equipment are provided for such scene setting and focussing as are required to commission the installation.

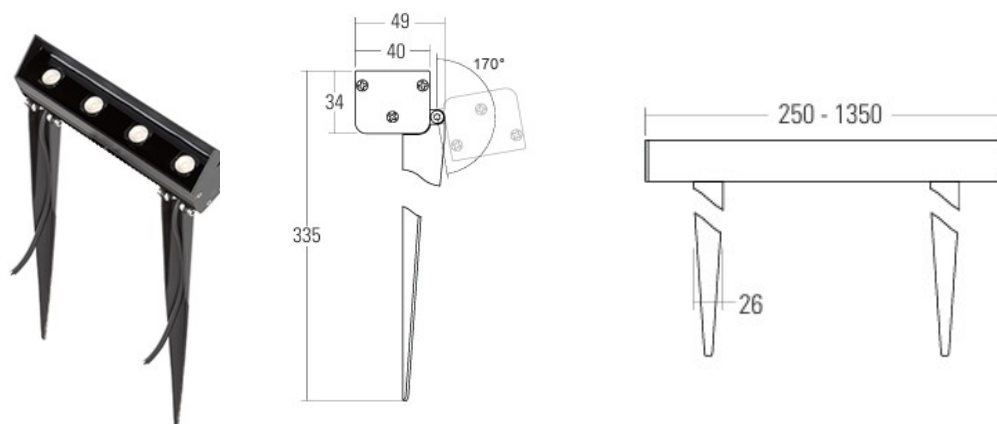
Notes:

Luminaire Reference:	LXL1	
Manufacturer's Ref:	IBL	Flex 10x10mm Ref: 63S1010H.1C21S05X7XXX.XXXX
Accessories:	Remote DALI dimmable driver Aluminium mounting clips and connectors as required Tails (prewired length of cable) length TBC by installing contractor.	
Luminaire Location:	East Garden- Water Fountain and Ha-ha Balustrades	
Luminaire Description:	Homogenous surface mounted side-bend linear LED luminaire. Complete with mounting clips. Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP67 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output , smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.	
Dimensions:	Width: 10 mm, Height: 10 mm, Length: To suit site conditions Clip Height: 13 mm; Clip width: 12.4 mm	
Finish:	White Silicone, Silver Anodised Aluminium clips	
Fixing Method:	Surface mounted via Aluminium mounting clips	
Lamp:	LEDs supplied with luminaire Wattage: 5 W/m, Beam Angle: 120°, Lamp Base: N.A., Correlated Colour Temperature (CCT): 2100K Colour Rendering Index (CRI): 90+ Ra, Lumen Output: 260 lm/m, Rated Life: 50,000 hours at LM-80	

Luminaire Illustration:

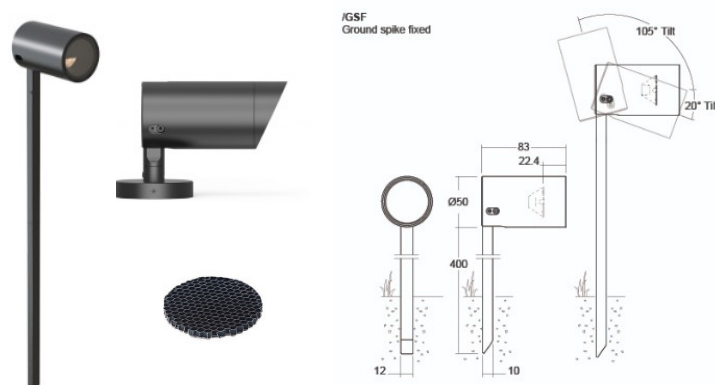
Mounting profile

Luminaire Reference:	XL10	
Manufacturer's Ref:	Light Graphix	LD38 Ref.: LD38C-C1-350-LW22 / 50 / EOB / TBC / GS / GL
Accessories:	Twin Ground spike & integral linear anti-glare cowl and Louvre Remote DALI driver	
Luminaire Location:	Walled garden Exterior	
Luminaire Description:	Twin - Ground spike lensed linear (250mm) LED luminaire complete with integrated glare cowl and louvre. Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP67 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output , smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion	
Dimensions:	Width: 40 mm, Height: 34 mm, Length: 250 mm Ground Spike Height: 335 mm (inc. luminaire); Width: 26 mm	
Finish:	To be confirmed by ID.	
Fixing Method:	Via Ground Spike	
Lamps:	LEDs supplied with luminaire Wattage: 5.5W (1.1W x 5 LED Modules), Beam Angle: 15° x 60°, Lamp Base: N.A., Correlated Colour Temperature (CCT): 2200K, Colour Rendering Index (CRI): 90+ Ra, Lumen Output: 540 lm (250mm length), Rated Life: L90B5 at 90,000 hours	

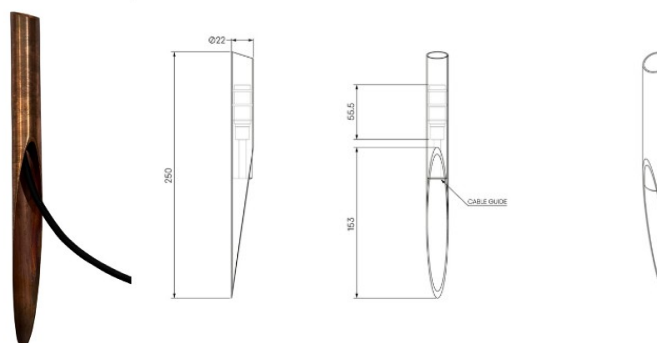
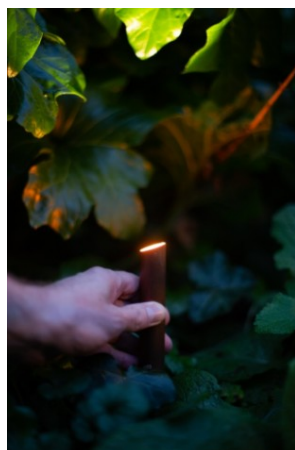
Luminaire Illustration:

(Note: Each 250mm length to have 5 x 1.6W LED modules)

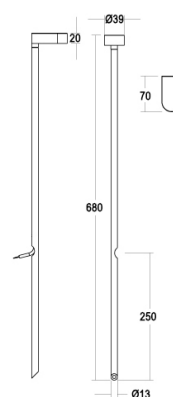
Luminaire Reference:	LXS1
Manufacturer's Ref:	Light Graphix LD238 Ref: LD238 –E3–700 / LW27 / WB / Black / HC / HL
Accessories:	Remote DALI dimmable driver Inground spike mount, Anti-glare half cowl, Honeycomb Louvre Additional cable length TBC by contractor.
Luminaire Location:	South Parterre - Trees
Luminaire Description:	10 watts in-ground spike mounted LED spotlight Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP67 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output , smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.
Dimensions:	Diameter: 50 mm, Length: 83 mm, Height: 87 mm Spike Height: 400mm
Finish:	Aluminium anodised black
Fixing Method:	Via Inground Spike
Lamp:	LEDs supplied with luminaire Wattage: 10W 700mA, Beam Angle: 31 °, Lamp Base: NA, Correlated Colour Temperature (CCT): 2700 K, Colour Rendering Index (CRI): 93 Ra, Lumen Output: 597 lm, Efficacy: 65 Lm / W, Rated Life: L90B5 at 90,000 hours

Luminaire Illustration:

Luminaire Reference:	LXS2
Manufacturer's Ref:	Stoane Lighting Cu-pip Cu-pip.3000K.medium.clear.copper
Accessories:	Remote DALI dimmable driver, Additional cable length TBC by contractor.
Luminaire Location:	South Parterre – Planting Beds
Luminaire Description:	Miniature 1.4 watts low glare LED Spike light Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. IP66 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.
Dimensions:	Diameter: 22 mm, Height: 250 mm
Finish:	Solid copper
Fixing Method:	Via Ground spike
Lamp:	Osram Oslon Square LEDs supplied with luminaire Wattage: 1.4W 500mA, Beam Angle: 23 °, Lamp Base: NA, Correlated Colour Temperature (CCT): 2700 K, Colour Rendering Index (CRI): ,95 Ra, Lumen Output: 148 lm, Efficacy: 99 lm / W, Rated Life: L70B50 at 66,000 hours

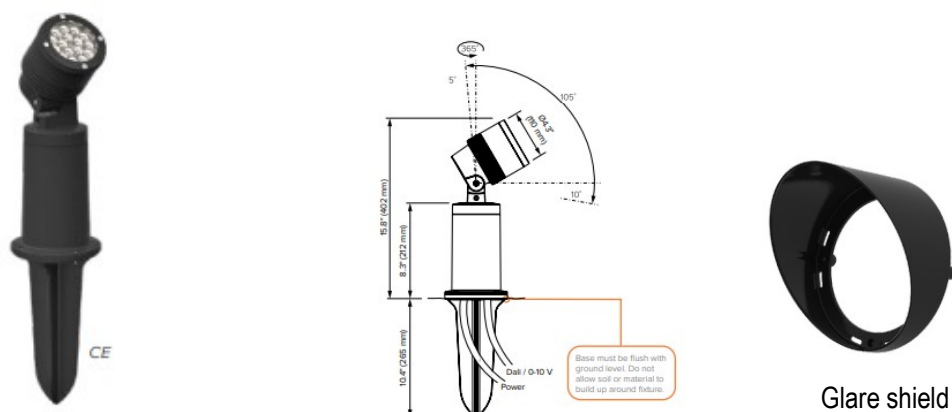
Luminaire Illustration:

Luminaire Reference:	LXS3
Manufacturer's Ref:	Light Graphix LD50 Ref: LD50 –C1–700 / LW27 / EOB / TBC
Accessories:	Remote DALI dimmable driver, Additional cable length TBC by contractor.
Luminaire Location:	South Parterre - Paths
Luminaire Description:	Miniature 2.4 watts spike mounted low glare LED path light Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. IP66 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.
Dimensions:	Width: 39 mm, Height: 20 mm, Depth: 70 mm Spike: 680mm (430mm above ground)
Finish:	TBC
Fixing Method:	Via Inground Spike
Lamp:	NICHEA LEDs supplied with luminaire Wattage: 2.4W 700mA, Beam Angle: 46° x 80°, Lamp Base: NA, Correlated Colour Temperature (CCT): 2700 K, Colour Rendering Index (CRI): 93 R_a, Lumen Output: 140 lm, Efficacy: 67 lm / W, Rated Life: L90B5 at 90,000 hours

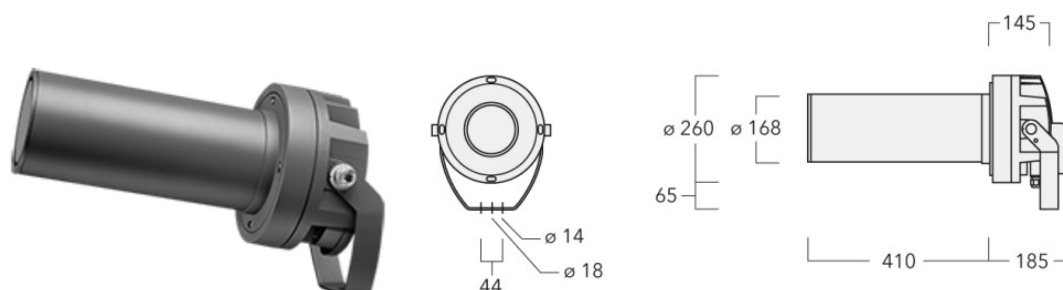
Luminaire Illustration:

Luminaire Reference:	LXS4	
Manufacturer's Ref:	Lumascape	Centria C1 Ref: LS2012-24D-827-NM-01-DL-BL
Accessories:	Shielding and Glare Control (LS6104-BL) Inground spike mount (CE Option) Additional cable length TBC by contractor.	
Luminaire Location:	Trees	
Luminaire Description:	In-ground spike mounted LED spotlight	
	Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP66 / IP67 Integral DALI Dimmable Driver to be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.	
Dimensions:	Diameter: 110 mm, Height: 402 mm Spike Height: 265 mm	
Finish:	Black	
Fixing Method:	Via Inground Spike	
Lamp:	LEDs supplied with luminaire Wattage: 24W, Beam Angle: 20°, Lamp Base: NA, Correlated Colour Temperature (CCT): 2700 K, Colour Rendering Index (CRI): 80 Ra, Lumen Output: 2080 lm, Efficacy: 89 Lm / W, Rated Life: L70B10,TM21 at 60,000 hours	

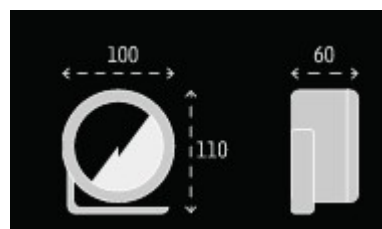
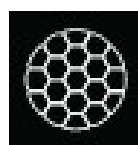
Luminaire Illustration:



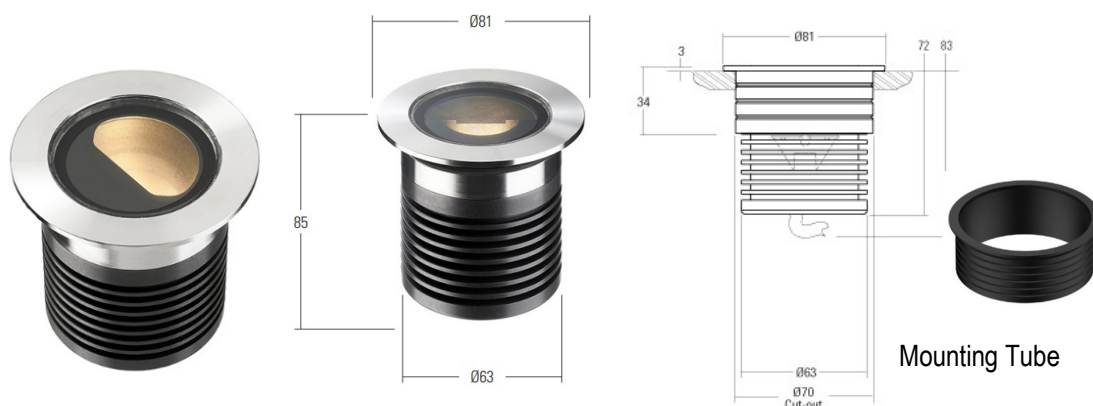
Luminaire Reference:	LXS5	
Manufacturer's Ref:	We - ef	FLC230 LED(GP) Ref: 139-2990_max
Accessories:	Remote DALI dimmable driver, Gobo leaf pattern Tree mounting Strap Additional cable length TBC by contractor.	
Luminaire Location:	Trees	
Luminaire Description:	Tree mounted LED Gobo Projector	
	Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP66 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.	
Dimensions:	Diameter: 168 mm, Length: 595 mm, Height: 325 mm	
Finish:	RAL9004 Signal black	
Fixing Method:	Via Tree Mounting straps	
Lamp:	LEDs supplied with luminaire Wattage: 53W, Beam Angle: TBC, Lamp Base: NA, Correlated Colour Temperature (CCT): 2700 K, Colour Rendering Index (CRI): 80 Ra, Lumen Output: 2715 lm, Efficacy: 51 Lm / W, Rated Life: L70B50 at 50,000 hours	

Luminaire Illustration:

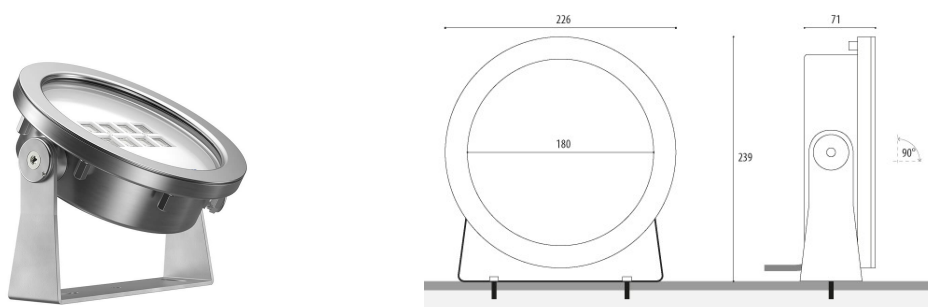
Luminaire Reference:	LXS6	
Manufacturer's Ref:	Wibre	Surface-Mounted RGBW Spotlight Ref.: 4.0100.30.42
Accessories:	5.0620.19.52 Remote DMX driver 35.40100.0001 Anti-Glare Louvre 9.0100.00.70 Anti-Glare Ring Tails (prewired length of cable) length TBC by installing contractor.	
Luminaire Location:	South Parterre - Fountain	
Luminaire Description:	Surface mounted LED spotlight suitable for underwater applications. Mounting foot adjustable through 90 °. Body fabricated from stainless steel. Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP68 / IP69 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.	
Dimensions:	Diameter: 100 mm, Depth: 60 mm Height: 110 mm	
Finish:	316 Stainless Steel	
Fixing Method:	Surface mounted	
Lamps:	LEDs supplied with luminaire Wattage: 17 W, Beam Angle: 30°, Lamp Base: N.A., Correlated Colour Temperature (CCT): RGBW- Warm White 3000K, Colour Rendering Index (CRI): TBC Lumen Output: 500 lm, Rated Life: TBC	

Luminaire Illustration:

Luminaire Reference:	LXU1	
Manufacturer's Ref:	Light Graphix	LD151T Ref LD151T –E3–500 / LW22 / NB / GSHM / 316 Stainless Steel / 484S
Accessories:	First Fixing sleeve / 484S, Glare shield / GS Remote DALI dimmable driver, Additional cable length TBC by contractor.	
Luminaire Location:	Entrance & Entrance Lodge gates	
Luminaire Description:	7 watts in-ground recessed low glare LED uplight in-build 6 ° tilt. Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. IP67 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output , smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.	
Dimensions:	Diameter: 81 mm, Height: 85 mm Cut-out diameter: 70 mm. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture.	
Finish:	316 Stainless Steel Bezel as standard	
Fixing Method:	In-Ground Fixing Sleeve to be bonded into cut-out, fixture cabling connected through cut-out and fixture installed into sleeve and secured with O rings on body.	
Lamp:	NICHEA LEDs supplied with luminaire Wattage: 7W 500mA, Beam Angle: 12 °, Lamp Base: NA, Correlated Colour Temperature (CCT): 2200 K, Colour Rendering Index (CRI): 85 Ra, Lumen Output: 487 lm, Efficacy: 65 Lm / W, Rated Life: L90B5 at 90,000 hours	

Luminaire Illustration:

Luminaire Reference:	LXU2	
Manufacturer's Ref:	Wibre	Surface-Mounted RGBW narrow beam Spotlight Ref.: 4.0290.00.42 (10° narrow beam version)
Accessories:	Remote DMX driver Installation housing Tails (prewired length of cable) length TBC by installing contractor.	
Luminaire Location:	Water fountain pool	
Luminaire Description:	Surface mounted LED spotlight suitable for underwater applications. Body fabricated from stainless steel. Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP68 / IP69 Remote DMX drivers to be located in accessible and ventilated location. The distance from driver to light fitting can be 40m max. One driver per fitting required. To be compatible with dimming system – Supplier and contractor to check this before delivering to site.	
Dimensions:	Diameter: 226 mm, Depth: 71 mm, Height: 239mm	
Finish:	316 Stainless Steel	
Fixing Method:	Surface mounted	
Lamps:	LEDs supplied with luminaire Wattage: 35 W, Beam Angle: 10°, Lamp Base: N.A., Correlated Colour Temperature (CCT): RGBW 3000K, Colour Rendering Index (CRI): TBC Lumen Output: 1000 lm (warm white), Rated Life: TBC	

Luminaire Illustration:

Luminaire Reference: LXW1 (Specified by Architect)

Manufacturer's Ref:

Accessories:

Luminaire Location: Lodge Entrances

Luminaire Description: Decorative Wall Mounted Lantern

Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture.

IP67

Fixture to be dimmable with dimmable drivers located in accessible and ventilated location. **To be compatible with dimming system – Supplier and contractor to check this before delivering to site.** Driver to dim down to **1% light output**, smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.

Dimensions: TBC

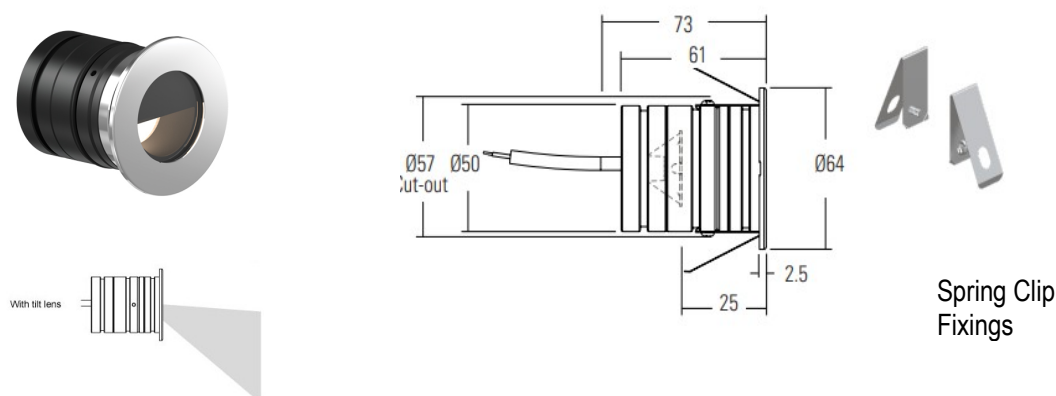
Finish: TBC

Fixing Method: TBC

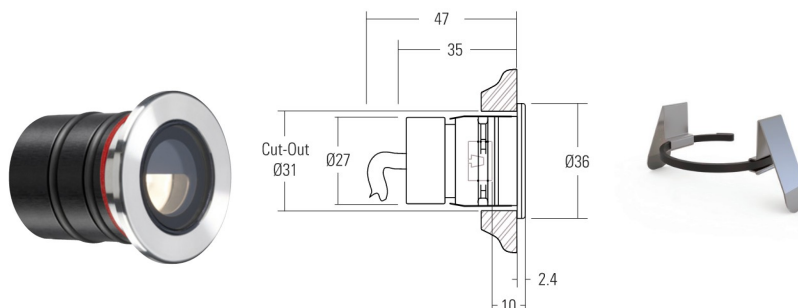
Lamp: TBC

Luminaire Illustration:

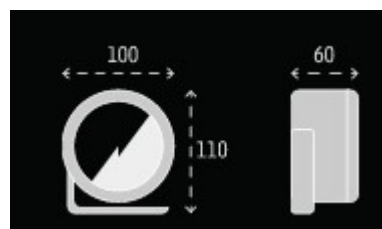
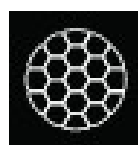
Luminaire Reference:	LXW2	
Manufacturer's Ref:	Light Graphix	LD141Y Ref.: E3/LW22/MB/A/GSHM/Flamed Solid Bronze/441S
Accessories:	Spring clips Remote DALI driver Tails (prewired length of cable) length TBC by installing contractor.	
Luminaire Location:	East Garden - Steps	
Luminaire Description:	Low glare, exterior rated, recessed wall light. Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP67 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output , smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.	
Dimensions:	Diameter: 64 mm, Height: 61 mm Cut out: 57mm diameter, Recess Depth: 71 mm	
Finish:	Flamed Solid Bronze	
Fixing Method:	Via Spring clips	
Lamp:	LEDs supplied with luminaire Wattage: 4.4W, Beam Angle: 19°, Lamp Base: NA, Correlated Colour Temperature (CCT): 2200 K, Colour Rendering Index (CRI): 85+ Ra, Lumen Output: 379 lm, Rated Life: L90B5 at 90,000 hours	

Luminaire Illustration:

Luminaire Reference:	LXW3
Manufacturer's Ref:	Light Graphix LD44Y Ref.: LD44Y/LW22/NB/A/GS44-45/Flamed Solid Bronze/SC
Accessories:	Spring clips Remote DALI driver Tails (prewired length of cable) length TBC by installing contractor.
Luminaire Location:	South Parterre - Steps
Luminaire Description:	Low glare, exterior rated, recessed wall light. Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP67 Remote DALI dimmable drivers to be located in accessible and ventilated location. To be compatible with dimming system – Supplier and contractor to check this before delivering to site. Driver to dim down to 1% light output , smooth brightness changes, excellent flicker performance, adaptable dimming curves, configurable minimum dimming level. Low inrush current and total harmonic distortion.
Dimensions:	Diameter: 36 mm, Height: 35 mm Cut out: 31mm diameter, Recess Depth: 47 mm
Finish:	Flamed Solid Bronze
Fixing Method:	Via Spring clips
Lamp:	LEDs supplied with luminaire Wattage: 2.3W, Beam Angle: 12°, Lamp Base: NA, Correlated Colour Temperature (CCT): 2200 K, Colour Rendering Index (CRI): 93, Lumen Output: 180 lm, Rated Life: L90B5 at 90,000 hours

Luminaire Illustration:

Luminaire Reference:	LXW4	
Manufacturer's Ref:	Wibre	Surface-Mounted RGBW Spotlight Ref.: W.4.0100.30.V163
Accessories:	Remote DMX driver 35.40100.0001 Anti-Glare Louvre 9.0100.00.70 Anti-Glare Ring Tails (prewired length of cable) length TBC by installing contractor.	
Luminaire Location:	Exedra Fountain	
Luminaire Description:	Surface mounted LED spotlight suitable for underwater applications. Mounting foot adjustable through 90 °. Body fabricated from stainless steel. Note: Supplier to include for all necessary components for correct installation and operation. Please refer to lighting consultant to verify details if required prior to quotation. Contractor and supplier to be responsible for verifying site dimensions prior to manufacture. IP68 / IP69 Remote DMX dimmable drivers to be located in accessible and ventilated location. The max distance from Driver to last fitting of the run is 100m. If running multiples then this has to be taken into consideration. The driver is rated to run 2 fittings if there will be people in the water, or up to 4 fittings if there are no people in the water. To be compatible with dimming system – Supplier and contractor to check this before delivering to site.	
Dimensions:	Diameter: 100 mm, Depth: 60 mm Height: 110 mm	
Finish:	316 Stainless Steel	
Fixing Method:	Surface mounted	
Lamps:	LEDs supplied with luminaire Wattage: 17 W, Beam Angle: 30°, Lamp Base: N.A., Correlated Colour Temperature (CCT): RGBW- Warm White 3000K, Colour Rendering Index (CRI): TBC Lumen Output: 500 lm, Rated Life: TBC	

Luminaire Illustration:

LIGHTING MANUFACTURERS / SUPPLIER CONTACT SCHEDULE

Manufacturer / Supplier	Contact Details		
IBL Lighting	Contact: David Best Tel: +44 (0)844 822 5210	Mob: +44 (0) 7483 038987 Email: dbest@ibl.co.uk	
Light Graphix	Contact: Ben Watts Tel: +44 (0)1322 527629	Mob: Email: ben@lightgraphix.bi	
Lumascap via Architainment	Contact: Lee Shields Tel: +44 (0)1494471340	Mob: +44 (0) 7795 974603 Email: Lee.Shields@architainment.co.uk	
Stoane Lighting	Contact: Chris Schulkins Tel:	Mob: +44 (0) 7490 251894 Email: chris.s@mikestoanelighting.com	
we- ef	Contact: Rob Marsh Tel: +44 (0)20 7403 4123	Mob: +44 (0) 7904 255457 Email: r.marsh@we-ef.com	
Wibre - Light Projects	Contact: David Rich Tel: +44 (0)20 7231 8282	Mob: +44 (0) 7791914268 Email: dr@lightprojects.co.uk	

REVISIONS

Rev	Description	By	Date
00	First Issue – Preliminary	AKR	15.10.2025
01	Revision 1 – For Information	RAD	10.11.2025
02	Revision 2 – For Information	RAD	21.11.2025
03	Revision 3 – For Planning	AKR	05.12.2025
04	For Coordination – Types LXW2 & LXW4 revised	IK	09.01.2026
05	For Planning – Types LXW2 & LXW3 revised	RAD	05.02.2026
06	For Tender	IK	20.02.2026
07	For Planning	AKR	05.03.2026