

King's Cross Triangle W Zone

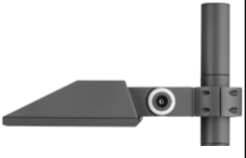
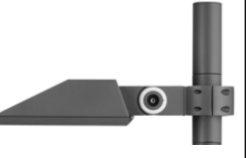
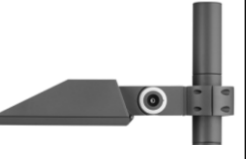


Landlord External Lighting Luminaire Schedule





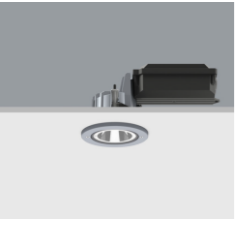
Kian Gheidi



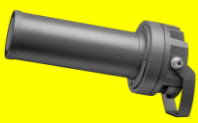


23/03/2023







Rev.C03






Reference No. KXC-TRI-ZZ-001-E-ARK060-63-705

Luminaire Reference	Image	Manufacturer	Product	Description	Finish Note 1	Nominal Dimension (mm)			Lamp Type Note 3	No. of Lamps Note 4	Lamp or Module Type Note 5	Nominal Lamp Wattage Note 6	Lumen Output Delivered Note 7	Luminaire Efficiency Note 8	Colour Temperature (CCT)	Beam Angle	Adjustable	IP Rating	Colour Consistency (SDCM) Note 12	CRI	Control Protocol Note 13	Drivers Note 14	Driver Suppliers Note 15	Mounting Details Note 16	Notes	Accessories	Contact
						W/Ø	Note 2 H	L																			
L1		We-ef	PFL230 LED 108-1783	IP66, Class I, IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens, hinged. Protractor scale for accurate aiming from 0° to 15° above horizontal. Factory installed LED circuit board. LED boards can be easily removed for upgrading. PMMA OLC® LED lenses for superior illumination and glare control.	RAL 7016	250	140	410	LED	1	Constant Current @ 350mA	21W	1744 lm	97 lm/W	3000K	Rectangular Side Throw Beam [R65]	Yes	IP66	<2SCDM	>80	DALI	Mounted in column, accessed via low mounted removable panel.	We-ef	4.5m Pole. Mounted at 4m.	Pole to be supplied by We-ef in finish to match luminaire head.		WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
L2		We-ef	PFL230 LED 147-0689	IP66, Class I, IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens, hinged. Protractor scale for accurate aiming from 0° to 15° above horizontal. Factory installed LED circuit board. LED boards can be easily removed for upgrading. PMMA OLC® LED lenses for superior illumination and glare control.	RAL 7016	250	140	410	LED	1	Constant Current @ 700mA	28W	2210 lm	79 lm/W	3000K	Asymmetric, forward-throw beam [A60]	Yes	IP66	<2SCDM	>80	DALI	Mounted in column, accessed via low mounted removable panel.	We-ef	4.5m Pole. Mounted at 4m.	Pole to be supplied by We-ef in finish to match luminaire head.		WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
L3		We-ef	PFL230 LED 108-1625	IP66, Class I, IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens, hinged. Protractor scale for accurate aiming from 0° to 15° above horizontal. Factory installed LED circuit board. LED boards can be easily removed for upgrading. PMMA OLC® LED lenses for superior illumination and glare control.	RAL 7016	250	140	410	LED	1	Constant Current @ 700mA	28W	2234 lm	80 lm/W	3000K	Asymmetric, side-throw beam [P65]	Yes	IP66	<2SCDM	>80	DALI	Mounted in column, accessed via low mounted removable panel.	We-ef	4.5m Pole. Mounted at 4m.	Pole to be supplied by We-ef in finish to match luminaire head.		WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
P01		We-ef		Tubular steel, constant section. Hot dipped galvanised inside and out. Chrome-free conversion coating with superior powdercoat finish in RAL colour. Including spigot. Service door with stainless locking screw. Suitable for one cable connecting box.	RAL 7016	102	4500																Root or Flange Mount TBC			WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com	
P02		We-ef		Tubular steel, constant section. Hot dipped galvanised inside and out. Chrome-free conversion coating with superior powdercoat finish in RAL colour. Including spigot. Service door with stainless locking screw. Suitable for one cable connecting box.	RAL 7016	102	4500																Root or Flange Mount TBC	1- SD Socket IP54 . Recessed socket for poles, made from marine-grade die-cast aluminium alloy. 2- Pole collar for catenary lighting fixing		WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com	

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L4		We-ef	PIA230 LED 108-1660 (PFL230 LED 108-1773)	P66, Class I, IK08. Marine-grade die-cast aluminium alloy, 5CE superior corrosion protection including PCS hardware. Silicone rubber gaskets. Safety glass lens, hinged. PMMA OLC® optics for superior illumination and glare control.	RAL 7016	250	140	410	LED	1	Constant Current @ 700mA	28W	2357 lm	84 lm/W	3000K	Asymmetric, Side-throw Beam [S65]	Yes	IP66	<2SCDM	>80	DALI	Integral	We-ef	Wall bracket mounted. (See detail drawing specified)	Wall bracket supplied by We-ef in finish to match luminaire head.	WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com	
L5		We-ef	PIA230 LED 108-1751	P66, Class I, IK08. Marine-grade die-cast aluminium alloy, 5CE superior corrosion protection including PCS hardware. Silicone rubber gaskets. Safety glass lens, hinged. PMMA OLC® optics for superior illumination and glare control.	RAL 7016	250	140	410	LED	1	Constant Current @ 700mA	42W	3316 lm	79 lm/W	3000K	Asymmetric, forward-throw beam [A60]	Yes	IP66	<2SCDM	>80	DALI	Integral	We-ef	Wall bracket mounted. (See detail drawing specified)	Wall bracket supplied by We-ef in finish to match luminaire head.	WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com	
L6		We-ef	PIA230 LED 108-1666	P66, Class I, IK08. Marine-grade die-cast aluminium alloy, 5CE superior corrosion protection including PCS hardware. Silicone rubber gaskets. Safety glass lens, hinged. PMMA OLC® optics for superior illumination and glare control.	RAL 7016	250	140	410	LED	1	Constant Current @ 700mA	28W	2210 lm	79 lm/W	3000K	Asymmetric, forward-throw beam [A60]	Yes	IP66	<2SCDM	>80	DALI	Integral	We-ef	Wall bracket mounted. (See detail drawing specified)	Wall bracket supplied by We-ef in finish to match luminaire head.	WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com	
L7		iGuzzini	iRound BV33	BV33: Ceiling-mounted recessed luminaire with IP66 protection rating, small body with box, Warm White COB Leds, fixed Flood Optic - Dimm, DALI	Black	140	163		LED	1	Constant Current @ 700mA	18W	2800 lm	98 lm/W	3000K	Flood	Yes	IP66	<2SCDM	>81	DALI	Integral	iGuzzini	Ceiling Recessed		Astolat Business Park Astolat Way Off Old Portsmouth Road GU3 1NE Guildford +44 01483 468000 info.uk@iguzzini.com	
L8		ERCO	Quintessence Directional luminaire 80182-000	Ceiling recessed LED down light.	TBC	145	150	131	LED	1	Constant Current @ TBC	9W	501 lm	57 lm/W	3000K	30°	Yes	IP66	<2SCDM	>90	DALI	Remote Driver	ERCO	Ceiling mounted		ERCO Lighting Ltd Daniel Harvey 38 Dover Street London W1S 4 NL Great Britain Mob: +44 (0) 7767648875 Tel. +44 (0) 207 344 4900 Fax. +44 (0) 207 409 1530 d.harvey@erco.com www.erco.com	

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L9		ERCO	Compact Downlight oval flood 84435-000	Ceiling recessed LED down light.	TBC	145	150	131	LED	1	Constant Current @ TBC	11W	661 lm	60 lm/W	3000K	30°	Yes	IP66	<2SCDM	>90	DALI	Remote Driver	ERCO	Ceiling mounted			ERCO Lighting Ltd Daniel Harvey 38 Dover Street London W1S 4 NL Great Britain Mob: +44 (0) 7767648875 Tel. +44 (0) 207 344 4900 Fax. +44 (0) 207 409 1530 d.harvey@erco.com www.erco.com	
L10		Light Graphix	LD42A	Down light mounted into custom frame window holes. Detail, design and specification to be developed with staircase manufacturer.	TBC	36		35	LED	1	Constant Current COB @ 500mA	2W	134 lm	79 lm/W	3000K	31°	No	IP68	<2SCDM	>90	DALI	Ceiling Mounted		Ceiling Recessed			Lightgraphix Ltd 20, Bourne Road Industrial Park Crayford Kent DA1 4BZ light@lightgraphix.co.uk +44 (0) 1322 527 629 http://www.lightgraphix.co.uk	
L11		We-ef	FLC230 LED [FP] 139-1887	RGBW Colour Changer Profile Projector [FP] for framing applications. IP66, Class 1. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland. Integral EC electronic converter, thermally separated. CAD-optimised optics for superior illumination and glare control. Factory installed LED circuit board.	RAL 7016	168	260	610	LED	12	Constant Current @ 1400mA	56W	6907 lm	123 lm/W	3000K	Symmetric Framing-Projector [FP] - Max/Min Aperture Angle	Yes	IP66	<2SCDM	>80	DALI	Integral	We-ef	Wall bracket mounted. (See detail drawing specified)	Wall bracket supplied by We-ef in finish to match luminaire head.			WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
L12		We-ef	FLC220 LED	Pole Mounted LED spot light to light back into planting.	RAL 7017	260	260	160	LED	1	Constant Current @ 1050mA	42W	4022 lm	96 lm/W	3000K	Symmetric, Wide Beam [B]	Yes	IP66	<2SCDM	>80	DALI	Integral	We-ef	Pole mounting brack to be developed with we-ef	Luminaire to launch in 2018. Subject to sample review.	Cowl		WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
L13		Mike Stoane	Glowrail	Linear LED stip potted into aluminium extrusion sealed to IP66. LED strip to be integrated into handrail and used to illuminate treads below. Remote control gear to be located in suitable dry location.	TBC	17	16.5	1000	LED	1	Constant Voltage Linear LED @ 24V	17W	1496 lm	89 lm/W	3000K	120 x 240°	No	IP68	<2SCDM	>80	DALI	Remote DALI		Custom mounting into handrail to be developed.	Detail and Specification to be developed.			Mike Stoane 20 Dryden Road Bilston Glen Industrial Estate Loanhead Midlothian EH20 9LZ Tel +44 131 440 1313 sales@mikestoanelighting.com www.mikestoanelighting.com

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L14		Lumino	V20S	Linear LED mounted within an aluminium extrusion and opal diffuser. LEDs are blended by diffuser to give totally homogeneous lit effect. Mounting clips and luminaire to be concealed within and integrated within Ceiling detail.	N/A	24	24	1000	LED	1	Constant Voltage Linear LED @ 24V	6W	330lm	55 lm/W	3000K	Totally Diffuse	No	67	<2SCDM	>80	DALI	Remote DALI	Lumino	Ceiling Recessed			Lumino Lighting Chris Small Lumino House Lovet Road, Harlow Essex CM19 5TB (UK) Tel +441279 635411 c.small@lumino.lighting www.lumino.lighting
L15		We-ef	VLS410 LED 195-9527	IP66, Class I, IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens. Two cable entries. Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept	RAL 7016	263	100		LED	1	Constant Current @ 400mA	14W	731 lm	52 lm/W	3000K	Diffused Distribution	Yes	IP66	<2SCDM	>80	DALI	Integral		Wall mounted.			WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
L16		We-ef	VLS410 LED 131-9514	IP66, Class I, IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens. Two cable entries. Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept	RAL 7016	170	255	105	LED	1	Constant Current @ 700mA	15W	1244 lm	83 lm/W	3000K	Symmetric, Narrow Beam Up And Medium Beam Down [E/M]	Yes	IP66	<2SCDM	>80	DALI	Integral	We-ef	Wall mounted.			WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
L17		Lumino	V20S	Linear LED mounted within an aluminium extrusion and opal diffuser. LEDs are blended by diffuser to give totally homogeneous lit effect. Mounting clips and luminaire to be concealed within and integrated within seating detail.	N/A	24	24	1000	LED	1	Constant Voltage Linear LED @ 24V	5W	340lm	68 lm/W	3000K	Totally Diffuse	No	67	<2SCDM	>80	DALI	Remote DALI	Lumino	Concealed Detail			Lumino Lighting Chris Small Lumino House Lovet Road, Harlow Essex CM19 5TB (UK) Tel +441279 635411 c.small@lumino.lighting www.lumino.lighting
L18		Lumino	V36S Optic	Linear LED mounted within an aluminium extrusion and individual optics placed over each high output LED. Mounting clips and luminaire to be concealed within wall detail.	N/A	36	42	1000	LED	1	Constant Current @ 500mA	60W	4670lm	78 lm/W	3000K	45x18	No	64	<2SCDM	>80	DALI	Remote DALI	Lumino	TBC	TBC		Lumino Lighting Chris Small Lumino House Lovet Road, Harlow Essex CM19 5TB (UK) Tel +441279 635411 c.small@lumino.lighting www.lumino.lighting
L19		Light Projects	LEDStar 3	Small spike mounted spot light. To be fitted with a snoot to avoid glare. Spike mounting may require concrete block within soil to ensure sufficient theft deterrent. Cable can be protected via flexible conduit to avoid small animals damaging cable.	Black TBC	64	113	116	LED	1	Constant Current @ 1050mA	9W	884 lm	97 lm/W	3000K	30°	Yes	IP67	<3 SCDM	>80	DALI	Remote IP rated drivers. To Electrical Eigneers detail and specification	Light Projects	Spike Mounted	Snoot, Spike Anchor		Light Projects Ltd F.A.O Roger Becket 23 Jacob Street London SE1 2BG T: +44 (0)20 7231 8282 F: +44(0)20 7237 4342 W: www.lightprojects.co.uk

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L20		Lumino	V36S	Linear LED mounted within an aluminium extrusion and opal diffuser. LEDs are blended by diffuser to give totally homogeneous lit effect. Mounting clips and luminaire to be concealed within and integrated within Ceiling detail.	N/A	36	42	1000	LED	1	Constant Voltage Linear LED @ 24V	12W	1250lm	104 lm/W	3000K	Totally Diffuse	No	IP67	<2SCDM	>80	DALI	Remote DALI	Lumino	Ceiling Recessed			Lumino Lighting Chris Small Lumino House Lovet Road, Harlow Essex CM19 5TB (UK) Tel +441279 635411 c.small@lumino.lighting www.lumino.lighting
L21		We-ef	ZFY230 LED-FT	IP66, Class I, IK10. Marine-grade, all aluminium construction. SCE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Polycarbonate main lens. CAD-optimised indirect optics for superior illumination and glare control.	RAL 7016	180	1000		LED	1	Constant Current @ 350mA	14W	759 lm	54 lm/W	3000K	controlled symmetric distribution [C60]	Yes	IP66	<2SCDM	>80	DALI	Integral	We-ef	Ground mounted		To be ordered separately: Planted root ESV4 300-0461	WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
L22		We-ef	ETC130-GB LED	P67, Class I, IK10+. Stainless steel construction including PCS hardware. Silicone rubber gasket. Safety glass lens; max. load 5 tonnes. Luminaire can be driven over at low speed. Factory-sealed termination chamber complete with cable gland and 1.5 m of flexible PVC free cable. Cable gland with spiral cable bending protection. Integral EC electronic converter in thermally separated compartment. 'No tool' removable gear/lens tray. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. Gimbal mounted, 360° rotatable and 30° tiltable.	RAL 7016	252	265		LED	12	Constant Current @ 500mA	21W	2239 lm	107 lm/W	3000K	symmetric, medium beam [M]	Yes	IP66	<2SCDM	>80	DALI	Integral	We-ef	Ground mounted		To be ordered separately: 1- Blockout, Plastic 185-0322 2- Installation cover BE 185-0325	WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
L23		We-ef	DOC110 LED	Ceiling recessed wide beam LED down light with IP rating for outdoor use. Remote control gear.	TBC by DMA	117	93		LED	1	Constant Current @ 700mA	15W	1142 lm	76 lm/W	3000K	symmetric, wide beam [B]	No	IP66	<3 SCDM	80	DALI	Thermally Remote Gear	We-ef	Ceiling Recessed			WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com
L25		We-ef	OLV334 LED 132-0528	IP65, Class I, Class II on request. IK07. Marine-grade, die-cast aluminium alloy. SCE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Two cable entries. Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. 1-10V or DALI interface on request.		220	220	222	LED	1	Constant Current @ 350mA	12W	1860 lm	116 lm/W	3000K	rectangular, 'side throw' [R65]	No	IP65	<3 SCDM	80	DALI	Integral	We-ef	Wall mounted.			WE-EF LIGHTING Ltd Richard Strong Suite 2C East Bridgford Business Park Kneeton Road East Bridgford Nottingham NG13 8PJ Mob +44 (0)7803 630370 Tel +44 (0)844 8805346 Fax +44 (0)844 8805347 r.strong@we-ef.com www.we-ef.com