

Kirium Pro

Unequalled performance. Unrivalled choice.





Think all street lights are made equal? Think again.

Featuring our latest generation LED technology for increased performance and improved efficiency for greater savings, with Kirum Pro, the best just got better.

Available in four sizes and with 14 Diamond+ optical solutions, it's the most innovative, forward-thinking, and future-proof product we've ever developed. Whatever your requirements, we have the solution: from 455 lm – suitable for residential roads and car parks – to 54,485 lm, ideal for larger roads and motorways.

Key advantages

- Our most comprehensive range of LED street lighting luminaires, available in four sizes
- 14 optical solutions with Diamond+ technology for precise lighting control to suit any project
- Exceptional thermal management for optimised performance and product life
- Impressive energy efficiency up to 188 lm/W delivering a minimal whole life cost solution
- Flexible drive current for tailored performance and accurate lighting levels
- Choice of control & connectivity options for even greater energy savings
- Toolless access via quick release latches offers easy installation and maintenance
- Safety first with automatic electrical disconnect for Kirium Pro 1, 2 & 3 models
- 2700K / 3000K / 4000K colour temperatures
- ENEC approved
- Emergency option available for Kirium Pro 1, 2 & 3 models
- Suitable for international markets with operating temperature range -45°C to +50°C





M1, Junctions 10-12

Full case study available on our website: dwwindsor.com/m1

Unequalled flexibility, unrivalled choice

Our Kirium Pro range is offered in four distinct sizes which share a unified design aesthetic for a consistent appearance across lighting schemes. With multiple LED configurations, light outputs and mounting heights available, Kirium Pro is suited to a wide range of applications.



Kirium Pro Mini

Lumen Range	
455 – 6,400 lm	
Power Range 3 – 40 W	
LED Quantity 4/8/16	
Mounting Height 4 - 6 m	
Typical Applications Footpaths / Cycleways / Residential	







Kirium Pro 1

Lumen Range 990 – 14,115 lm
Power Range 6 – 95 W
LED Quantity 8 / 16 / 24 / 32
Mounting Height 5 - 8 m
Typical Applications Residential / Railway Platforms

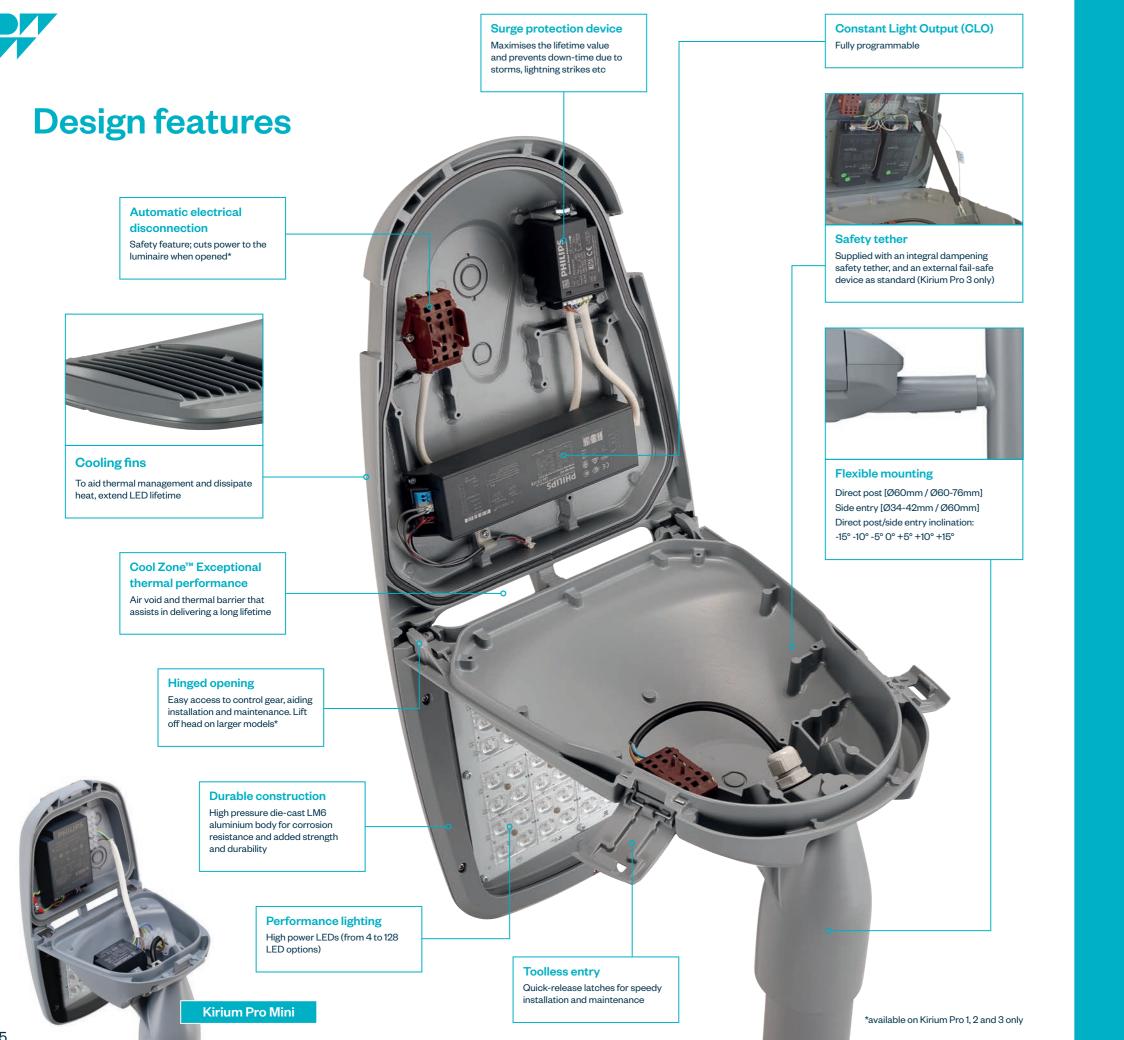


Kirium Pro 2

_
nen Range 525 – 27,715 lm
wer Range – 187 W
D Quantity 3/64
unting Height - 10 m
bical Applications ar Parks / Conflict Areas / Pedestrian Crossings

Kirium Pro 3

Lumen Range	
7,090 – 54,485 lm	
Power Range	
55 - 374 W	
LED Quantity	
80/96/128	
Mounting Height	
8 - 15 m	
Typical Applications	
Motorways / Roundabouts	



Optical control

Featuring Diamond+

14 optical distributions for ultimate flexibility and precise lighting control.

An evolution of our award-winning and patented Diamond Optic[®] reflector technology, Diamond+ gives you the ability to create widely different lighting distributions from a single luminaire.

Choose Diamond+ for refined lighting distribution

Diamond+ A Optic



Options A1 / A2 / A3 / A5 / A6

Applications Roads Carriageways

Diamond+ C Optic



Options C1 / C2 / C6

Applications Area lighting Car parks

Diamond+ B Optic



Options

B1 / B2 / B3

Footpaths Cyclepaths

Diamond+ Z Optic



Options ZL / ZR / ZF

Applcations Zebra crossings Pedestrian crossings

Further Information

Please refer to our website for full optical configurations at dwwindsor.com/diamond



Control & connectivity

From simple factory-set dimming to full CMS: enhance your luminaire through intelligent, connected sensors and control systems. Kirium Pro is now available with more connectivity options than ever and can be specified with both NEMA and Zhaga sockets mounted in top and bottom locations.

The benefits of smart control

- Adjust light levels remotely to adapt to environmental and social changes
- Reduced energy consumption and lower carbon footprint
- Longer luminaire life
- Lower maintenance and energy costs over the life of the product
- Energy metering: paying for actual consumption
- Ability to collect data

Wide Network Solutions Integral CMS via internal or external nodes for real-time control, monitoring, metering and dynamic management of lighting infrastructure. Connected (or Smart) assets use wireless communications networks, offering optimal flexibility. Control a single luminaire or group switch remotely.

Zhaga Socket (top) 4-pin option

Local Network Solutions

Switch, dim and configure luminaires wirelessly via Bluetooth for increased convenience and flexibility. Manage luminaires individually or in a group using scenes. Controlled directly from a smart device, no additional controls cabling required.

Zhaga Socket (bottom)

4-pin option



Stand-alone controls

NEMA Socket (top)

3/5/6/7-pin options

Direct control in its simplest form, stand-alone systems are reliable and straightforward, utilising devices such as photocells to manage the lighting. Full manual and dependable control, including factory-set dimming, time switches and presence detectors.



Square Mile, City of London

Full case study available on our website: dwwindsor.com/square-mile

ULL PROPERTY.



Kirium Pro Vision

Kirium Pro Vision is a high-performance street lighting solution with integrated CCTV technology. Designed as an intelligent solution for a safer world, Kirium Pro Vision consolidates multiple services into a single product, offering increased security with lower complexity.

Learn more at dwwindsor.com/kirium-pro-vision

Key features

- 3 different camera solutions to suit a range of urban Reduces visual clutter and provides a more subtle applications from high streets to car parks solution in areas subject to high vandalism
- Wired or wireless connectivity, secure encryption and authentication
- ONVIF compliant to ensure interoperability with IP-based CCTV security systems



Camera solutions



A discreet, all-round solution for monitoring any environment

A fixed position camera, which can be manually adjusted by hand, to offer a great general overview of any area

Pan Tilt Zoom

Static

A flexible, fully-motorised solution for covering large, open areas

With a 360° continuous rotation, -5° to 90° tilt and built-in infrared, perfect in emergency response scenarios

Fisheye

A 360°, panoramic solution with added sensors for analytical insights

Features a wide field of view, built-in microphone and infrared, ideal for town centres and urbanised areas





- Camera data and recordings can be internally stored via a standard 128GB micro SD card
- An alarm can be set up to activate in the event of unauthorised access to the column door

Installation and maintenance





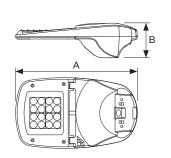
Toolless entry via quick-release latches for simple maintenance Hinged opening for easy access to internal control gear



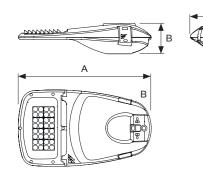
Lift-off head, with automatic electrical disconnect (Kirium Pro 1, 2 and 3 only)

Luminaire Dimensions

Kirium Pro Mini

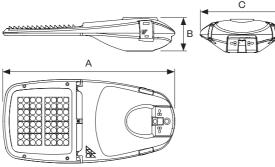


Kirium Pro 1



	Dime	nsions	(mm)	Weight	Windage		
	A	В	С	(kg)	(m²)		
Kirium Pro Mini	390	110	227	3.6	0.032 (CxS = 0.021)		
Kirium Pro 1	610	140	350	8.5	0.054 (CxS = 0.029)		
Kirium Pro 2	720	140	350	9.8	0.059 (CxS = 0.034)		
Kirium Pro 3	1010	167	415	17.1	0.094 (CxS = 0.056)		

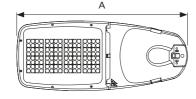
Kirium Pro 2













Crediton Station

Full case study available on our website: dwwindsor.com/crediton-station

Kirium Pro lumen packages and wattages matrix

Model		o of Ds	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
Kirium Dro Mini	4	lm	457	557	656	754	850	943	1,035	1,124	1,211	1,295	1,376	1,454	1,528	1,598	1,665	1,727	1,786
Kirium Pro Mini	4	w	3	4	5	5	6	7	7	8	9	9	10	11	12	13	13	14	15
Kirium Pro Mini Kirium Pro 1	8	lm	987	1,204	1,418	1,629	1,836	2,038	2,237	2,430	2,617	2,798	2,973	3,141	3,301	3,454	3,598	3,732	3,858
	0	w	6	7	8	10	11	12	14	15	16	18	19	21	22	24	25	26	28
Kirium Pro Mini*	16	lm	1,915	2,335	2,750	3,159	3,561	3,954	4,339	4,713	5,077	5,429	5,768	6,093	6,404	6,700	6,979	7,241	7,484
Kirium Pro 1	10	w	11	13	15	18	20	22	25	27	30	32	35	38	40	43	46	48	51
	24	lm	2,755	3,360	3,957	4,546	5,123	5,690	6,243	6,781	7,305	7,811	8,299	8,767	9,214	9,639	10,041	10,418	10,769
Kirium Pro 1	24	W	16	19	22	25	28	32	35	39	43	46	50	54	57	61	65	69	73
KIRIUM Pro I	20	lm	3,611	4,404	5,187	5,958	6,716	7,458	8,183	8,889	9,575	10,239	10,878	11,492	12,078	12,636	13,162	13,656	14,116
	32	w	21	25	29	33	37	41	46	51	55	60	65	70	75	80	85	90	95
	48	lm	5,525	6,792	7,936	9,116	10,274	11,410	12,519	13,599	14,648	15,664	16,642	17,581	18,478	19,331	20,136	20,892	21,595
Kirium Pro 2	40	w	31	37	44	50	57	63	70	77	84	92	99	107	114	122	130	137	145
KIRIUM Pro 2	64	lm	7,091	8,648	10,185	11,700	13,187	14,644	16,068	17,454	18,801	20,104	21,359	22,565	23,716	24,811	25,844	26,814	27,717
	04	w	41	48	56	64	73	82	91	100	109	118	128	138	147	157	167	177	187
	80	lm	8,755	10,665	12,553	14,414	16,245	18,039	19,793	21,503	23,163	24,770	26,319	27,806	29,226	30,575	31,848	33,040	33,930
	80	w	55	64	73	83	93	104	116	128	140	152	165	178	190	203	216	228	241
K.:	~~~	lm	11,247	13,445	15,615	17,753	19,852	21,909	23,918	25,876	27,776	29,615	31,388	32,218	34,714	35,305	37,718	38,059	40,361
Kirium Pro 3	96	w	62	74	86	98	111	124	138	152	166	180	195	208	225	238	255	268	285
	100	lm	15,182	18,150	21,080	23,965	26,799	29,575	32,288	34,930	37,496	39,978	42,371	44,668	46,862	48,947	50,917	52,764	54,484
	128	w	81	97	112	129	146	163	181	199	218	237	256	275	295	314	334	354	374
alculations based	on 40	00K w	rith A2 opti	ic and no L	ight Outpu	ut Reductio	on (LOR) fa	actor appli	ed		-					-	* up t	o 850mA	for 16 LED

CCT details

4000K

3000K

2700K

Light output reduction factor

1.00

0.93

0.86

S/P Ratio

1.5

1.3

1.2

Glare ratings

Optic	Rating	Optic	Rating	Optic	Rating	Optic	Rating
A1	None	B1	G3	C1	G6	ZL	G6
A2	G3	B2	G3	C2	G3	ZR	G6
A3	G3	B3	G3	C6	G1	ZF	None
A5	None						
A6	G2						

Equivalent LED specifications for HID replacement schemes

Lamp and LEI	D Equivalent	Power (W)	Energy Saving (%)
	35W SOX	54	
	8 LED @ 750mA	19	65
	55W SOX	75	
	16 LED @ 650mA	30	60
sox	90W SOX	127	62
307	32 LED @ 550mA	48	
	135W SOX	179	
	48 LED @ 600mA	76	
	180W SOX	246	60
	24 LED @ 650mA	99	
SON-T+	50W SON-T+	65	74
	16 LED @ 350mA	17	
	70W SON-T+/CDO-TT	85	
	16 LED @ 550mA	26	
	100W SON-T+/CDO-TT	118	61
SON-T+/	24 LED @ 700mA	46	
CDO-TT	150W SON-T+/CDO-TT	172	56
	48 LED @ 600mA	76	
	250W SON-T+/CDO-TT	280	43
	80 LED @ 750mA	160	
	45W CPO-TW	52	52
	8 LED @ 950mA	25	
	60W CPO-TW	66	55
СРО-ТЖ	16 LED @ 650mA	30	
	90W CPO-TW	100	54
	24 LED @ 700mA	46	
	140W CPO-TW	154	51
	32 LED @ 850mA	75	

Product codes

Model									
Kirium Pro Mini				КРМ					
	Kirium Pro 1			KP1	KP2				
		Kirium Pro 2		KP2	1172				
			Kirium Pro 3	KP3					
ED Quantity									
4 LED				4					
8 LED	8 LED			8]				
16 LED	16 LED			16]				
	24 LED			24					
	32 LED			32	40				
		48 LED		48	48				
		64 LED		64	1				
			80 LED	80	1				
			96 LED	96	1				
			128 LED	128					
Nounting									
-	y (Kirium Pro Mini / 1 / 2 only)		Ø42mm Side entry (Pro 3)	S					
Ø60mm Side entry / D				1	D				
Ø76mm Direct post	P · · · ·			D					
Colour Temperature									
2700K				27					
3000K				30	30				
4000K				40					
Light Distribution Roads - Diamond+ A	Ontio			A1/A2/A3/A5/A6					
				B1/B2/B3					
Pathways - Diamonu+	- в Орис		Pathways - Diamond+ B Optic						
A D' LLOY	01/02/02	A1							
Areas - Diamond+ C (C1/C2/C6	Al				
Crossings – Diamond- Drive Current Drive currents from 25	+ Z Optic 50mA to 1050mA are available in 5	0mA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650	750				
Crossings - Diamond- Drive Current	+ Z Optic 50mA to 1050mA are available in 5	0mA increments		ZL/ZR/ZF 250/300/350 400/450/500	-				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val	+ Z Optic 50mA to 1050mA are available in 5	0mA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950	-				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val	+ Z Optic 50mA to 1050mA are available in 5	0mA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950	750				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750)	0mA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050	-				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG	750				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG	750				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA	750 FG				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10	750				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF	750 FG				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29	750 FG				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750) 1 Pro Mini / 1 only]	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29	750 FG				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750) n Pro Mini / 1 only]	OmA inorements		ZL / ZR / ZF 250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify]	750 FG				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor	+ Z Optic 50mA to 1050mA are available in 5 10ue (eg 750mA - 750) 1 Pro Mini / 1 only] 1 trol 20 lux (1:0.5)	OmA increments		ZL / ZR / ZF 250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify]	750 FG				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2	+ Z Optic 50mA to 1050mA are available in 5 10ue (eg 750mA - 750) 1 Pro Mini / 1 only] 1 trol 20 lux (1:0.5)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] N U20	750 FG				
Crossings – Diamond Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2	+ Z Optic 50mA to 1050mA are available in 5 10ue (eg 750mA - 750) 1 Pro Mini / 1 only] 1 trol 20 lux (1:0.5)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] N U20 U35	750 FG 29				
Crossings – Diamond Drive Current Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2 Miniature photocell – 2	+ Z Optic 50mA to 1050mA are available in 5 10ue (eg 750mA - 750) 1 Pro Mini / 1 only] 1 trol 20 lux (1:0.5)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E	750 FG				
Crossings – Diamond Drive Current Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2 Miniature photocell – 2 3-pin NEMA socket	+ Z Optic 50mA to 1050mA are available in 5 10ue (eg 750mA - 750) 1 Pro Mini / 1 only] 1 trol 20 lux (1:0.5)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3	750 FG 29				
Crossings – Diamond Drive Current Drive Current Drive currents from 25 Insert drive current val Clazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2 diniature photocell – 2 S-pin NEMA socket 6-pin NEMA socket	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750) a Pro Mini / 1 only] htrol 20 lux (1:0.5) 35 lux (1:0.5)	OmA increments		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1	750 FG 29				
Crossings – Diamond Drive Current Drive Current Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2 Miniature photocell – 2 S-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 7-pin NEMA socket 4-pin Zhaga Book 18 s	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750) a Pro Mini / 1 only] htrol 20 lux (1:0.5) 35 lux (1:0.5)			ZL / ZR / ZF 250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1 D2	750 FG 29				
Crossings – Diamond Drive Current Drive Current Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Dontrol No connectivity or cor Miniature photocell – 2 Miniature photocell – 2 Miniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 6-pin NEMA socket 4-pin Zhaga Book 18 s	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750) 1 Pro Mini / 1 only] 1 October (1:0.5) 35 lux (1:0.5) 1 October			ZL / ZR / ZF 250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1 D2 Z4	750 FG 29				
Crossings – Diamond Drive Current Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2 Miniature photocell – 2 Miniature photocell – 3 - pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 7-pin NEMA socket 4-pin Zhaga Book 18 s 4-pin Zhaga Book 18 s	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750) 1 Pro Mini / 1 only] 1 trol 20 lux (1:0.5) 35 lux (1:0.5) 0 ocket (top)			ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] 0 U20 U35 E C3 B1 D2 Z4 Z4A	750 FG 29				
Crossings – Diamond Drive Current Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2 Miniature photocell – 2 Miniature photocell – 2 S-pin NEMA socket 5-pin NEMA socket 6-pin NEMA socket 4-pin Zhaga Book 18 s 4-pin Zhaga Book 18 s 4-pin Zhaga Book 18 s	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750) 1 Pro Mini / 1 only] 1 October (top) 1 October (top) 1 October (top and bottom)	with top NEMA or miniature photo		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] U20 U35 E C3 B1 D2 Z4 Z4B	750 FG 29				
Crossings – Diamond Drive Current Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2 Miniature photocell – 2 Miniature photocell – 2 Giniature photocell – 3 Giniature pho	+ Z Optic 50mA to 1050mA are available in 5 10e (eg 750mA - 750) 1 Pro Mini / 1 only] 1 Pro Mini / 1 Pro Mini	with top NEMA or miniature photor	cell]	ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] U20 U35 E C3 B1 D2 Z4 Z4A U4C	750 FG 29				
Crossings – Diamond - Drive Current Drive Currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2 Miniature photocell – 2 Miniature photocell – 2 Miniature photocell – 2 S-pin NEMA socket 5-pin NEMA socket 6-pin NEMA socket 4-pin Zhaga Book 18 s 4-pin Zhaga Book 18 s 4-pin Zhaga Book 18 s	+ Z Optic 50mA to 1050mA are available in 5 lue (eg 750mA - 750) a Pro Mini / 1 only] a Pro Mini / 1 only] a trol 20 lux (1:0.5) 35 lux (1:0.5) ocket (top) ocket (top) ocket (top) ocket (top and bottom) Control (AC node with puck anteni Control (DC node with puck anteni	with top NEMA or miniature photor		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] U20 U35 E C3 B1 D2 Z4 UAC UAC UDC	750 FG 29				
Crossings – Diamond Drive Current Drive Current Drive currents from 25 Insert drive current val Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cor Miniature photocell – 2 Miniature photocell – 2 Miniature photocell – 2 S-pin NEMA socket 6-pin NEMA socket 6-pin NEMA socket 7-pin NEMA socket 4-pin Zhaga Book 18 s 4-pin Zhaga Book 18 s 4-pin Zhaga Book 18 s CMS (optional) Integral CMS – Urban Integral CMS – Telensi	+ Z Optic 50mA to 1050mA are available in 5 10e (eg 750mA - 750) 1 Pro Mini / 1 only] 1 Pro Mini / 1 Pro Mini	with top NEMA or miniature photor		ZL/ZR/ZF 250/300/350 400/450/500 550/600/650 700/750/800 850/900/950 1000/1050 FG RA 10 CF 29 RAL [specify] U20 U35 E C3 B1 D2 Z4 Z4A U4C	750 FG 29				

Kirium Pro Mini				KPM	
	Kirium Pro 1			KP1	KP2
		Kirium Pro 2		KP2	
			Kirium Pro 3	KP3	
ED Quantity					
4 LED				4	
8 LED	8 LED			8	
16 LED	16 LED			16	
	24 LED			24	
	32 LED			32	40
		48 LED		48	48
		64 LED		64	1
			80 LED	80	1
			96 LED	96	1
			128 LED	128	
lounting			J		
-	(Kirium Pro Mini / 1 / 2 only)		Ø42mm Side entry (Pro 3)	S	
Ø60mm Side entry / Di					D
Ø76mm Direct post				D	
Colour Temperature					
2700K				27	
3000K					20
				30	30
4000K				40	
ight Distribution					
Roads – Diamond+ A C				A1/A2/A3/A5/A6	-
Pathways - Diamond+				B1/B2/B3	A1
Areas - Diamond+ C C	Optic			C1/C2/C6	
Oreaniana Diamandu					
Drive Current	0mA to 1050mA are available in 50r	nAincrements		ZL / ZR / ZF 250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800	750
Drive Current	0mA to 1050mA are available in 50r	nAincrements		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650	750
Prive Current Drive currents from 25 Insert drive current valu	0mA to 1050mA are available in 50r	nAincrements		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950	750
Drive Current Drive currents from 25 Insert drive current valu Blazing	0mA to 1050mA are available in 50r	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950	
rive Current Drive currents from 25 Insert drive current valu Nazing Toughened glass	0mA to 1050mA are available in 50r ue (eg 750mA - 750)	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG	750 - FG
Prive Current Drive currents from 250 Insert drive current valu Slazing Toughened glass Polycarbonate [Kirium	0mA to 1050mA are available in 50r ue (eg 750mA - 750)	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050	
rive Current Drive currents from 250 Insert drive current valu Nazing Toughened glass Polycarbonate [Kirium Volour Finish	0mA to 1050mA are available in 50r ue (eg 750mA - 750)	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA	
Drive Current Drive currents from 250 Insert drive current valu Slazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black	0mA to 1050mA are available in 50r ue (eg 750mA - 750)	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10	
Insert drive current valu Blazing Toughened glass Polycarbonate [Kirium Dolour Finish RAL 9005 Black RAL 7046 Mid grey	0mA to 1050mA are available in 50r ue (eg 750mA - 750)	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF	
Prive Current Drive currents from 25 Insert drive current valu Glazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey	0mA to 1050mA are available in 50r ue (eg 750mA - 750)	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29	- FG
rive Current Drive currents from 25 Insert drive current valu Nazing Toughened glass Polycarbonate [Kirium Xolour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour	0mA to 1050mA are available in 50r ue (eg 750mA - 750)	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF	- FG
Prive Current Drive currents from 25 Insert drive current valu Alazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control	0mA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only]	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify]	- FG
rive Current Drive currents from 25 Insert drive current valu Nazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or con	0mA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify]	- FG
rive Current Drive currents from 256 Insert drive current valu Stazing Toughened glass Polycarbonate [Kirium Solour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Sontrol No connectivity or cont Miniature photocell – 2	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20	- FG
Drive Current Drive currents from 250 Insert drive current valu Stazing Toughened glass Polycarbonate [Kirium	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35	- FG
rive Current Drive currents from 250 Insert drive current valu Itazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cont Miniature photocell – 2 Miniature photocell – 3 3-pin NEMA socket	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E	- FG
rive Current Drive currents from 250 Insert drive current valu Itazing Toughened glass Polycarbonate [Kirium RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or con Miniature photocell – 2 Miniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3	- FG
rive Current Drive currents from 250 Insert drive current valu ilazing Toughened glass Polycarbonate [Kirium kolour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Kontrol No connectivity or com Miniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1	- FG - 29
rive Current Drive currents from 256 Insert drive current valu Ilazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or con Miniature photocell – 2 Miniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 7-pin NEMA socket	0mA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5)	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1 D2	- FG - 29
rive Current Prive Currents from 250 Insert drive current valu Ilazing Toughened glass Polycarbonate [Kirium Iolour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Dther RAL colour Iontrol No connectivity or con Viniature photocell – 2 Viniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket	0mA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5)	nA increments		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1	- FG - 29
rive Current Trive Currents from 256 Insert drive current valu Itazing Toughened glass Polycarbonate [Kirium Polour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Dther RAL colour Pontrol Viniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 4-pin Zhaga Book 18 so	0mA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5)			250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1 D2	- FG - 29
rive Current Prive Currents from 250 Insert drive current valu Iazing Foughened glass Polycarbonate [Kirium olour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Dther RAL colour Ontrol Viniature photocell – 2 Viniature photocell – 3 B-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 4-pin Zhaga Book 18 soc	0mA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5)		Docell]	250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E E C3 B1 D2 Z4	- FG - 29
rive Current Trive Currents from 250 nsert drive current valu Itazing Toughened glass Polycarbonate [Kirium Iolour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Initiature photocell – 2 Viniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 4-pin Zhaga Book 18 so 4-pin Zhaga Book 18 so	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5) 5 lux (1:0.5)		Docell]	250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E E C3 B1 D2 Z4 Z4A	- FG - 29
rive Current Drive currents from 250 Insert drive current valu Ilazing Toughened glass Polycarbonate [Kirium rolour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or cont Miniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 4-pin Zhaga Book 18 sc 4-pin Zhaga Book 18 sc (HS (optional)	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5) 5 lux (1:0.5)	h top NEMA or miniature photo		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E E C3 B1 D2 Z4 Z4A	- FG - 29
rive Current Drive currents from 250 Insert drive current valu Itazing Toughened glass Polycarbonate [Kirium Polycarbonate [Kirium Polycarbonate [Kirium Polycarbonate [Kirium RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Pontrol No connectivity or cont Miniature photocell – 2 Miniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 4-pin Zhaga Book 18 sc 4-pin Zhaga Book 18 sc (4-pin Zhaga Book 18 sc (4-pin Zhaga Book 18 sc (5-MS (optional) Integral CMS – Urban C	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5) 5 lux (1:0.5) pocket (top) pocket (bottom) [can be combined will pocket (top and bottom)	h top NEMA or miniature photo	ocell]	250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1 D2 Z4 Z4A Z4B	- FG - 29
Prive Current Drive currents from 250 Insert drive current valu Stazing Toughened glass Polycarbonate [Kirium Colour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or con Miniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 4-pin Zhaga Book 18 sc 4-pin Zhaga Book 18 sc 2-MS (optional) Integral CMS – Urban C Integral CMS – Urban C	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5) 5 lux (1:0.5) pocket (top) pocket (bottom) [can be combined wit pocket (top and bottom) Control (AC node with puck antenna	h top NEMA or miniature photo		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1 D2 Z4 Z4A Z4A Z4B	- FG - 29
rive Current Drive currents from 250 Insert drive current valu Ilazing Toughened glass Polycarbonate [Kirium Solour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or con Miniature photocell – 2 Miniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 4-pin Zhaga Book 18 sc 4-pin Zhaga Book 18 sc 4-pin Zhaga Book 18 sc (MS (optional)) Integral CMS – Urban C Integral CMS – Telensa	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5) 5 lux (1:0.5) cocket (top) cocket (bottom) [can be combined wit pocket (top and bottom) Control (AC node with puck antenna Control (DC node with puck antenna Control (DC node with puck antenna	h top NEMA or miniature photo		250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL [specify] N U20 U35 E C3 B1 D2 Z4 Z4A Z4A Z4B UAC UDC	- FG - 29
rive Current Drive currents from 250 Insert drive current valu Ilazing Toughened glass Polycarbonate [Kirium Solour Finish RAL 9005 Black RAL 7046 Mid grey RAL 7035 Light grey Other RAL colour Control No connectivity or con Miniature photocell – 2 Miniature photocell – 3 3-pin NEMA socket 5-pin NEMA socket 5-pin NEMA socket 4-pin Zhaga Book 18 sc 4-pin Zhaga Book 18 sc 4-pin Zhaga Book 18 sc (MS (optional)) Integral CMS – Urban C Integral CMS – Telensa	OmA to 1050mA are available in 50r ue (eg 750mA - 750) Pro Mini / 1 only] trol 0 lux (1:0.5) 5 lux (1:0.5) 5 lux (1:0.5) cocket (top) cocket (top and bottom) cocket (top and bottom) control (AC node with puck antenna control (DC node with puck antenna control (DC node with puck antenna c (with monopole antenna) ver (with stub antenna)	h top NEMA or miniature photo	Docell]	250 / 300 / 350 400 / 450 / 500 550 / 600 / 650 700 / 750 / 800 850 / 900 / 950 1000 / 1050 FG RA 10 CF 29 RAL[specify] CF 29 RAL[specify] C3 B1 D2 Z4 Z4A UAC UDC ITE	- FG - 29

Example Code: KP2 48 D 30 A1 750 FG 29 U20

Key Features

Our most comprehensive range of high performance LED street lighting luminaires, available in four sizes

Extensive optical solutions; introducing Diamond+ the ultimate in flexible, precise lighting control. 23 standard optical solutions available

Quick and safe installation and maintenance via toolless, quick-release latches. Lift-off head and automatic electrical disconnect

Emergency option available (Kirium Pro 1, 2 and 3 only)

Environmentally tested to BS EN 60068-2-6 2008

Complementary bollard and wall luminaire available

Options

Kirium Pro Mini:(4/8/16 LEDs) for mounting at 4-6 metresKirium Pro 1:(8/16/24/32 LEDs) for mounting at 5-8 metresKirium Pro 2:(48/64 LEDs) for mounting at 6-10 metresKirium Pro 3:(80/96/128 LEDs) for mounting at 8-15 metres

Optical Control

Diamond+ A Optic: Roads (A1 / A2 / A3 / A5 / A6)	
Diamond+ B Optic: Pathways (B1 / B2 / B3)	
Diamond+ C Optic: Areas (C1 / C2 / C6)	
Diamond+ZOptic: Crossings (ZL / ZR / ZF)	

Lifetime

>100,000 hours L90 B10

Total Luminaire Lumens

Kirium Pro Mini: 455 - 6,400 lm	
Kirium Pro 1: 990 - 14,115 lm	
Kirium Pro 2: 5,525 - 27,715 lm	
Kirium Pro 3: 8,755 - 54,485 lm	

Colour Temperature

2700K	
3000K	
4000K	

Colour Rendering Index

70Ra

Luminaire Efficacy

Up to 188 lm/W





DW Windsor is part of the Luceco Group

Drive Current

250mA - 1050mA (in 50mA increments)

Mounting

Direct post: Ø60mm / Ø60 - 76mm Side entry: Ø34 - 42mm / Ø60mm Direct post/side entry inclination: -15° -10° -5° 0° +5° +10° +15° Adaptors available for various spigot diameters

Control

0	Output enabled - for energy savings and ughout the lifetime of the luminaire
Switch: On/off throug	gh conventional miniature or NEMA photocell
Dim: Factory set pre-	programmed dimming profiles
CMS: Compatible with	th all available CMS systems
Smart City Ready: S compliant connectors	Supports Smart City equipment and Zhaga

Colours

RAL 9005 Black

RAL 7046 Mid grey

RAL 7035 Light grey

(Other RAL colours available on request)

Materials

 Body:
 High-pressure die-cast aluminium (LM6)

 Glazing:
 Toughened glass (IK08) / Polycarbonate (IK10)

 Seals:
 Silicone

 Finish:
 Polyester powder coat

Accessories

Optional obtrusive light shield(s) available and can be fitted after installation without opening the luminaire

Installation & Maintenance

Available with various cable tail options prefitted
Short form UMSUG codes available on the website
Operational temperature range: -45°C to +50°C

Surge protection: 10kV

* Class II on request

DW Windsor

Pindar Road, Hoddesdon, Hertfordshire, EN11 ODX +44 (0) 1992 474600 | info@dwwindsor.com dwwindsor.com

DW Windsor is a Carbon Neutral company

© 2024 DW Windsor Ltd. All rights reserved.

Due to continuous product development the details within this document are subject to change at any time. For the more up-to-date information please visit dwwindsor.com.

