



**EYE LIGHTING
INTERNATIONAL**

STREET AND AREA LIGHTING

Lighting Products Designed to Reduce Energy Use and Lower Maintenance Costs

THE COMPLETE SELECTION GUIDE

UTILITIES – MUNICIPALITIES – COOPERATIVES – DEPARTMENTS OF TRANSPORTATION



For more detailed information on the products in this guide, please call **888-665-2677** to request the **EYE Street and Area Lighting Brochure (EQS-N-52-84-00058)** or locate this document online at: www.eyelighting.com/streetandarealightingbrochure.pdf

Watts (W)	Bulb	Base	Product Code	Product Description	ANSI Code	Case Qty.	Initial Lumens	Mean Lumens	Average Life Hours	Color Temp. (K)	CRI
Ignitron EN Environmentally Friendly (TCLP) High Pressure Sodium with Internal Ignitor (Mogul Base)											
50	ED23.5 Clear	Mog	59674	LU50/I/EN	S68	12	4000	3600	28500	1900	17
70	ED23.5 Clear	Mog	59685	LU70/I/EN	S62	12	6000	5400	30000	1900	17
100	ED23.5 Clear	Mog	59696	LU100/I/EN	S54	12	9500	8550	30000	1900	17
150	ED23.5 Clear	Mog	59707	LU150/55/I/EN	S55	12	16000	14400	30000	1900	17
200	ET18 Clear	Mog	59914	LU200/I/EN	S66	12	22000	19800	30000	2100	25
250	ET18 Clear	Mog	60012	LU250/I/EN	S50	12	28500	25600	30000	2100	25
310	ET18 Clear	Mog	60050	LU310/I/EN	S67	12	37000	33300	30000	2100	22
400	ET18 Clear	Mog	60110	LU400/I/EN	S51	12	50000	45000	30000	2100	25
1000	E25 Clear	Mog	59718	LU1000B/I/EN	S52	6	140000	126000	24000	2100	25

Watts (W)	Bulb	Base	Product Code	Product Description	ANSI Code	Case Qty.	Initial Lumens	Mean Lumens	Average Life Hours	Color Temp. (K)	CRI
Sunlux EN Environmentally Friendly (TCLP) High Pressure Sodium (Mogul Base)											
50	ED23.5 Clear	Mog	65859	LU50/EN	S68	12	4000	3600	24000+	1900	22
70	ED23.5 Clear	Mog	66055	LU70/EN	S62	12	6300	5500	24000+	1900	22
100	ED23.5 Clear	Mog	65075	LU100/EN	S54	12	9500	8000	24000+	2100	22
150	ED23.5 Clear	Mog	65320	LU150/55/EN	S55	12	16000	13800	24000+	2100	22
200	ET18 Clear	Mog	65516	LU200/EN	S66	12	22000	19800	24000+	2100	22
250	ET18 Clear	Mog	65565	LU250/EN	S50	12	29000	26100	24000+	2100	22
310	ET18 Clear	Mog	65630	LU310/EN	S67	12	37000	32300	24000+	2100	22
400	ET18 Clear	Mog	65761	LU400/EN	S51	6	50000	45000	24000+	2100	22
1000	E25 Clear	Mog	66727	LU1000B/EN	S52	6	140000	126000	24000+	2100	25

Sunlux Standard High Pressure Sodium (Medium Base)											
35	ED17 Clear	Med	65712	LU35/MED	S76	12	2250	2050	16000	1900	22
50	ED17 Clear	Med	66006	LU50/MED	S68	12	4000	3600	24000	1900	22
70	ED17 Clear	Med	66202	LU70/MED	S62	12	6300	5350	24000	1900	22
100	ED17 Clear	Med	65222	LU100/MED	S54	12	9500	8000	24000	2100	22
150	ED17 Clear	Med	65467	LU150/MED	S55	12	15800	13400	24000	2100	22

Sunlux Standard High Pressure Sodium (Mogul Base)											
50	ED23.5 Clear	Mog	65863	LU50	S68	12	4000	3600	24000+	1900	22
70	ED23.5 Clear	Mog	66061	LU70	S62	12	6300	5500	24000+	1900	22
100	ED23.5 Clear	Mog	65088	LU100	S54	12	9500	8000	24000+	1900	22
150	ED23.5 Clear	Mog	65347	LU150/55	S55	12	16000	13800	24000+	1900	22
250	ED18 Clear	Mog	65576	LU250	S50	12	28000	25200	24000+	1900	22
400	ED18 Clear	Mog	65769	LU400	S51	12	50000	45000	24000+	1900	22

Sunlux Ultra Ace EN Energy-Saving HPS Retrofit from Mercury/Metal Halide (Mogul Base) Environmentally Friendly (TCLP)											
150	BT28 Clear	Mog	62345	NH150CE/EN	M57/H39	12	15000	13500	24000	1900	25
150	BT28 Coated	Mog	62394	NH150FCE/EN	M57/H39	12	14500	13000	24000	1900	25
220	BT28 Clear	Mog	62443	NH220CE/EN	M58/H37	12	25000	22500	24000	2100	25
220	BT28 Coated	Mog	62492	NH220FCE/EN	M58/H37	12	24000	21600	24000	2100	25
360	BT37 Clear	Mog	62541	NH360CE/EN	M59/H33	12	45000	40500	24000	2100	25
360	BT37 Coated	Mog	62590	NH360FCE/EN	M59/H33	12	43000	38700	24000	2100	25
940	BT56 Clear	Mog	62639	NH940BCE/EN	M47/H36	6	130000	117000	24000	2100	25
940	BT56 Coated	Mog	62688	NH940BFCE/EN	M47/H36	6	123000	110700	24000	2100	25

Watts (W)	Bulb	Base	Product Code	Product Description	M.O.L. mm (in)	ANSI Code	Case Qty.	Initial Lumens	Mean Lumens	Average Life Hours	Color Temp. (K)	CRI
E and BT Bulb Series Mercury (Mogul Base)												
100	E24 Clear	Mog	69672	H100	185 (7.28)	H38/M90	24	4000	3000	24000	5700	20
100	E24 Coated	Mog	70162	HF100PD	185 (7.28)	H38/M90	24	4500	3600	24000	4100	40
175	BT28 Clear	Mog	69770	H175	211 (8.31)	H39/M57	12	7800	6365	24000	5700	20
175	BT28 Coated	Mog	70260	HF175PD	211 (8.31)	H39/M57	12	8900	7262	24000	4100	40
250	BT28 Clear	Mog	69819	H250	221 (8.7)	H37/M58	12	12000	9792	24000	5700	20
250	BT28 Coated	Mog	70309	HF250PD	221 (8.7)	H37/M58	12	13700	11179	24000	4100	40
400	BT37 Clear	Mog	69868	H400	291 (11.46)	H33/M59	12	21000	17136	24000	5700	20
400	BT37 Coated	Mog	70358	HF400PD	291 (11.46)	H33/M59	12	24000	19584	24000	4100	40
700	BT46 Coated	Mog	70456	HF700BPD	371 (14.61)	H35	6	44000	35904	24000	4100	40
1000	BT56 Clear	Mog	69721	H1000B	391 (15.39)	H36/M47	6	58000	47328	24000	5700	20
1000	BT56 Coated	Mog	70064	HF1000BPD	391 (15.39)	H36/M47	6	64000	52224	24000	4100	40

Watts (W)	Bulb	Base	Product Code	Product Description	Line Voltage	ANSI Code	Case Qty.	Initial Lumens	Mean Lumens	Average Life Hours	Color Temp. (K)	CRI
Self-Ballasted E Bulb Series Mercury (Medium Base)												
100	E21 Coated	Med	67947	100WSB/E21W	120	--	24	1100	830	6000	3200	60
160	E24 Coated	Med	67996	160WSB/E24W	120	B87	24	2550	1910	12000	3200	60
160	E24 Coated	Med	68780	220/230V160W/E24W	220/230	--	24	3000	2250	8000	3300	60
250	E28 Clear	Med	68290	250WSB/E28(MED)	120	B94	20	5000	3750	12000	3200	50
250	E28 Coated	Med	68829	220/230V250W/E28W(MED)	220/230	--	20	5700	4280	12000	3300	50

Self-Ballasted E and BT Bulb Series Mercury (Mogul Base)												
250	E28 Clear	Mog	68339	250WSB/E28	120	B94	20	5000	3750	12000	3200	50
250	E28 Coated	Mog	68878	220/230V250W/E28W(MOG)	220/230	--	20	5700	4280	12000	3300	50
450	BT37 Coated	Mog	68584	450WSB/BT37W	120	--	12	10000	7500	12000	3200	50
450	BT37 Coated	Mog	68976	230/240V450W/BT37W	230/240	--	12	11500	8830	16000	3300	50
750	BT46 Coated	Mog	68682	750WSB/BT46W	120	--	6	19000	14250	16000	3200	45
750	BT46 Coated	Mog	68927	230/240V750W/BT46W	230/240	--	6	22000	16500	16000	4000	45

Watts (W)	Bulb	Base	Product Code	Product Description	ANSI Code/ Ballast Ref.	Fix. Req.	Burn Pos.	Case Qty.	Initial Lumens	Mean Lumens	Average Life Hours	Color Temp. (K)	CRI
Universal Pulse Start High Output Metal Halide (Mogul Base)													
250	BT28 Clear	Mog	52470	M250X/U/PS	M138/M153	E	U	12	21500 (V) 19700 (H)	17200 (V) 15760 (H)	15000 (V) 12000 (H)	4000 (V) 4250 (H)	65
320	BT28 Clear	Mog	50578	M320X/U/PS	M132/M154	E	U	12	31000 (V) 29000 (H)	23000 (V) 20000 (H)	20000 (V) 15000 (H)	4000	65
350	BT37 Clear	Mog	50565	M350X/U/PS	M131	E	U	12	33000 (V) 30000 (H)	25600 (V) 22500 (H)	20000 (V) 15000 (H)	4300	60
350	BT28 Clear	Mog	50570	M350X/U/PS/BT28	M131	E	U	12	33000 (V) 30000 (H)	25600 (V) 22500 (H)	20000 (V) 15000 (H)	4250	60
400	BT37 Clear	Mog	54232	M400X/U/PS	M135/M155	E	U	12	38500 (V) 37000 (H)	31000 (V) 25900 (H)	20000 (V) 15000 (H)	3500 (V) 4000 (H)	65
400	BT28 Clear	Mog	52545	M400X/U/PS/BT28	M135/M155	E	U	12	42000 (V) 37000 (H)	29400 (V) 25900 (H)	18000 (V) 14000 (H)	3500 (V) 4000 (H)	65
1000	BT37 Clear	Mog	54390	M1000B/U/PS/BT37	M141	E	U	6	110000 (V) 107800 (H)	96000 (V) 86300 (H)	15000 (V) 9000 (H)	3800	65

Position Oriented Pulse Start High Output Metal Halide (Mogul Base)													
175	ED28 Clear	Mog	54305	M175/BU/PS/ED28	M137/M152	E	BU	12	17500	14000	15000	4000	68
175	ED28 Coated	Mog	54309	MF175/BU/PS/ED28	M137/M152	E	BU	12	16600	13300	15000	3700	70
250	BT28 Clear	Mog	54300	M250/BU/PS	M153	E	BU	12	23000	17000	20000	4200	65
250	BT28 Coated	Mog	54312	MF250/BU/PS	M153	E	BU	12	21500	15500	20000	3600	70
320	BT28 Clear	Mog	54334	M320/BU/HOR/PS/BT28	M154	E	BUH	12	32000 (V) 30000 (H)	21000 (V) 19700 (H)	20000 (V) 15000 (H)	4300	65
320	BT28 Coated	Mog	54341	MF320/BU/HOR/PS/BT28	M154	E	BUH	12	30000 (V) 28000 (H)	19700 (V) 18400 (H)	20000 (V) 15000 (H)	3900	70
400	BT37 Clear	Mog	50330	M400SX/HOR/PS	M135/M155	E	HOR	12	36000	28800	20000	4000	65
400	BT37 Clear	Mog	54351	M400/BU/PS/BT37	M155	S	BU	6	42000	31000 ¹	20000	4000	65
400	BT37 Coated	Mog	54354	MF400/BU/PS	M155	S	BU	6	42000	29000	20000	3600	70
750	BT37 Clear	Mog	54376	M750/BU/HOR/PS/BT37	M149	E	BUH	6	78000 (V) 68000 (H)	67000 (V) 56000 (H)	16000 (V) 12000 (H)	4000	65

Probe Start Premium Universal Metal Halide (Mogul Base)													
175	BT28 Clear	Mog	50151	M175X/U	M57	E	U	12	15000 (V) 12000 (H)	12000 (V) 9400 (H)	10000 (V) 6000 (H)	4200	65
175	BT28 Coated	Mog	50494	MF175X/U	M57	E	U	12	14000 (V) 11000 (H)	10500 (V) 9000 (H)	10000 (V) 6000 (H)	3800	70
250	BT28 Clear</												

Watts (W)	Bulb	Base	Product Code	Product Description	ANSI Code/Ballast Ref.	Fix.* Req.	Burn Pos.	Case Qty.	Initial Lumens	Mean Lumens	Average Life Hours	Color Temp. (K)	CRI
Ceramic Metal Halide ED (Mogul Base) EN													
150	ED23.5 Clear	Mog	55154	CM150/U/837/MOG/EN	M102/M142/S56	E	U	12	15000 (V) 17500 (H)	12000 (V) 14000 (H)	24000	3700	75
100	ED23.5 Clear	Mog	55157	CM100/U/837/MOG/EN	M140/M90	E	U	12	10000 (V) 10000 (H)	8000 (V) 8000 (H)	24000	3700	80
Ceramic Metal Halide Tubular (Mogul Base) UV-Reduced													
150	T15 Clear	Mog	55199	CMT150/U/837/MOG	M102/M142/S56	E	U	12	15000 (V) 17500 (H)	12000 (V) 14000 (H)	24000	3700	75
BRUTUS™ Rough Service Pulse Start Metal Halide													
250	BT28	Mog	52461	M250X/U/PS BRUTUS	M138/M153	E	U	12	21500 (V) 19700 (H)	17200 (V) 15760 (H)	15000 (V) 12000 (H)	4000 (V) 4250 (H)	60
350	BT37	Mog	52495	M350X/U/PS BRUTUS	M131	E	U	12	33000 (V) 30000 (H)	25600 (V) 22500 (H)	20000 (V) 15000 (H)	4300	60
400	BT37	Mog	50390	M400X/U/PS BRUTUS	M135/M155	E	U	12	42000 (V) 37000 (H)	29400 (V) 25900 (H)	20000 (V) 15000 (H)	3500 (V) 4000 (H)	65
400	BT28	Mog	52549	M400X/U/PS/BT28 BRUTUS	M135/M155	E	U	12	42000 (V) 37000 (H)	29400 (V) 25900 (H)	18000 (V) 14000 (H)	3500 (V) 4000 (H)	65
BRUTUS™ Rough Service Probe Start Metal Halide													
250	BT28	Mog	50207	M250X/U BRUTUS	M58	E	U	12	21500 (V) 19700 (H)	17250 (V) 15850 (H)	10000 (V) 6000 (H)	4200	60
400	BT28	Mog	52549	M400X/U/BT28 BRUTUS	M59	E	U	12	38000 (V) 34000 (H)	30000 (V) 26800 (H)	20000 (V) 15000 (H)	4200	65
400	BT37	Mog	52536	M400X/U BRUTUS	M59	E	U	12	38000 (V) 34000 (H)	30000 (V) 26800 (H)	20000 (V) 15000 (H)	4200	65
1000	BT37	Mog	50074	M1000BX/U/BT37 BRUTUS	M47	E	U	12	115000 (V) 110000 (H)	90000 (V) 86300 (H)	12000 (V) 9000 (H)	4200	65

Call for availability

Metal Halide Multi-Metal Ace™ Retrofit from High Pressure Sodium (Mogul Base)													
250	BT28 Clear	Mog	51788	M250X/U/LU	S50	E	U	12	19100 (V) 16700 (H)	14300 (V) 12400 (H)	10000 (V) 7500 (H)	4500	65
250	BT28 Coated	Mog	51935	MF250X/U/LU	S50	E	U	12	18100 (V) 16600 (H)	13600 (V) 11800 (H)	10000 (V) 7500 (H)	4000	70
400	BT28 Clear	Mog	51886	M400X/U/LU/BT28	S51	E	U	12	36600 (V) 32700 (H)	27300 (V) 24400 (H)	20000 (V) 15000 (H)	4500	65
400	BT28 Coated	Mog	52033	MF400X/U/LU/BT28	S51	E	U	12	34800 (V) 31800 (H)	25900 (V) 25200 (H)	20000 (V) 15000 (H)	4000	70
400	BT37 Clear	Mog	51837	M400X/U/LU	S51	S E	BU/BD U	12	36600 (V) 32700 (H)	27300 (V) 24400 (H)	20000 (V) 15000 (H)	4500	65
400	BT37 Coated	Mog	51984	MF400X/U/LU	S51	S E	BU/BD U	12	34800 (V) 31800 (H)	25900 (V) 23200 (H)	20000 (V) 15000 (H)	4000	70
1000	BT56 Clear	Mog	51605	M1000BX/U/LU	S52	E	U	6	110200 (V) 105500 (H)	85500 (V) 81700 (H)	12000 (V) 9000 (H)	4200	65

* S=Open fixture of the operating position is base-up +/- 15 degrees E=Enclosed fixture

Product Code	Description	Product Code	Description
Fixture Analyzer Kit			
92380	Fixture Analyzer Kit with Amprobe Meter		
The following individual components may be purchased separately			
92386	42 in. Red Safety Cable (for use with socket test adapter)	92387	Mogul Socket Test Adapter
92385	42 in. Black Safety Cable (for use with socket test adapter)	92388	Meter with Probe Test Cables (Amprobe) ACD-15 TRMS Pro
92389	12 in. Safety Shorting Cable	92399	Hard Shell Carrying Case
Accessories (not included in kit)			
92381	Medium to Mogul Socket Adapter		

kiaroLED Ordering Guide

Sample Number: A-L3577-U-4Y-HT-RPNCS

SERIES	LED			ELECTRONICS	OPTICS		HOUSING		OPTIONS (FACTORY INSTALLED)				
kiaroLED™	Initial Absolute Lumens	CCT (Color)	CRI (Rendering)	Voltage	Type	Lens	Finish	Structural Options	Photocells	Control Option	Control Option	Control Option	Control Option
A			7	U		Y		T					
A Street/Area	L3* 30 3000K	7 70 Typical CRI	U 120V - 277V	2 II	Y Acrylic Lens	K Black	T Tool-less Entry	R Internal NEMA Photocell Receptacle	P Thermal Protection Control	N Late-Night Dimming & Motion Sensing	C*** Self Adjusting Current Control for Lumen Depreciation	S Auto Shut-Off at End- of-Life	
	L4* 45 4500K			3 III		W White		B Button Type Photocell					
	L6* 57 5700K			4 IV		G Gray		Options = Factory Installed Accessories = Not installed, ordered separately					
	65 6500K			5 V		H Charcoal		* Reference photometric data sheet for lumen levels based on color temperature ** Consult factory when ordering custom finishes *** Not available in L4					
						N Dark Bronze							
						Q** Custom							

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