

PRMS2

DECORATIVE & POST TOP

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____

FEATURES

- Reliable, uniform, glare free illumination
- Types II, III, IV, V and custom distributions
- 3000K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral surge suppression
- 15 standard powder coat finishes
- Upgrade Kits



SPECIFICATIONS

CONSTRUCTION

- All housing components aluminum 360 alloy, sealed with continuous silicone rubber gaskets
- Standard configurations do not require a flat lens, optional lenses is tempered glass
- All internal and external hardware is stainless steel
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat
- Optical bezel finish is match the luminaire housing

LED/OPTICS

- Optical cartridge system consisting of a die cast heat sink, LED engine, TIR optics, gasket and bezel plate.
- Cartridge is easily disassembled to replace components. Optics are held in place without the use of adhesives.
- Molded silicone gasket ensures a weather-proof seal around each individual LED.
- Features revolutionary individual LED optical control based on high performance TIR optical designs.
- House Side Shield is available on Standard and Clear Lens options except any Type 5 distribution. House Side Shield is not available for any distribution using a Diffused Lens.

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

ELECTRICAL

- Luminaires have integral surge protection, UL recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J
- Drivers are UL recognized with an inrush current maximum of <20.0 Amps maximum at 230VAC
- Drivers are not be compatible with current sourcing dimmers, consult factory for current list of known compatible dimming systems, approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV
- Driver and surge suppressor are mounted to a prewired tray with quick disconnects that may be removed from the gear compartment



Promenade PRMS2

PROMENADE

RELATED PRODUCTS

[PRMN2](#)

[PRMD2](#)

[PRM22](#)

[PRM32](#)

CONTROLS

- Egress adapter(s) shall slip over a 4"/100mm DIA. pole with the luminaire or arm slipping over the adapter to add a total of 4.5"/114mm to the overall height. Adapter(s) shall be prewired, independently rotatable 359°, and have a cast access cover with an integral lens and lanyard.
- Photocell adapter shall include an internal twist lock receptacle. Photocell by others.
- Egress adapter shall require an auxiliary 120 volt supply for operation of an integral MR16 lamp in the event of emergency. The lamp may be aimed and locked into position with an adjustment range of 15°-45°. Adapter shall have a socket that accepts miniature bi-pin MR16 lamps up to 50 watts, lamp by others

CERTIFICATIONS

- ETL listed under UL 1598 and CSA C22.2 No. 250.0-08 for wet locations

WARRANTY

- See [HLI Standard Warranty](#) for additional information

KEY DATA	
LUMEN RANGE	6,000-17,500
WATTAGE RANGE	53-160
EFFICACY RANGE (LPW)	92-135
INPUT CURRENT RANGE (mA)	240-700 mA
WEIGHT	38 lbs/17 kg
EPA	1.53

ORDERING GUIDE

Example: PRMS2-72L-335-3K7-4W-BL-TRA1L-CL-HS-AD5-UNV

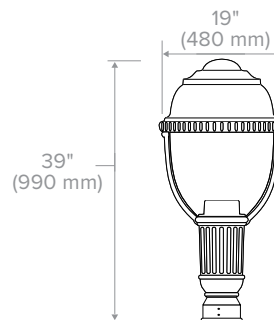
CATALOG #

HOUSING

PRMS2		LED Quantity		Lumen output		CCT/CRI		Distribution		Finish	
PRMS2	Promenade	72L	72 LED	240	240mA, Microcore Crossover	5K7	5000K, 70 CRI	1	Type I	AGN	Antique Green
				335	335mA, 8,500 lumens	4K7	4000K, 70 CRI	2	Type II	BL	Black
				360	360mA, Microcore Crossover	3K7	3000K, 70 CRI	3	Type III	BLT	Matte Black
				500	500mA, 12,000 lumens	AMB	Amber-595nm Peak ¹	4W	Type IV Wide	CRT	Corton
				700	700mA, 16,000 Lumens			5Q	Type V Square	DB	Dark Bronze
								5W	Type V Wide	DGN	Dark Green
										GT	Graphite
										LG	Light Gray
										MAL	Matte Aluminum
										MDB	Metallic Bronze
										MG	Medium Gray
										TT	Titanium
										VBU	Verde Blue
										WDB	Weathered Blue
										WH	White
										CC	Custom Color

Mounting	Optional Lens	Options	Options Photocontrol Egress	Voltage
STND_MNT Standard mounting slips over a 4"/100mm pole or may choose one Post Top Mount Slips over a 5"/125mm DIA. pole or tenon PT5 Pole Mount Arms Slips over a 4"/100mm DIA. pole or tenon SLA1 SLA1-2 Bolts to the side of a 4"/100mm DIA. or 5"/125mm DIA. pole TRA1M TRA1L TRA3 TRA5U TRA55 TRA56 (4" only) TRA57 TRA6U SLA8U SLA22U Wall Mount WMA1M WMA1L WMA3 WMA35U WMA36U WMA55 WMA56 WMA57 WMA7 WMA9U WMA22U Pier Mount PM1 PM2 PM3	DL Diffused Lens	HS House Side Shield CHM Chimney CHC Copper Hood Cover BHC Brass Hood Cover SF Single Fuse (120,277) DF Double Fuse (208,240)	PCA-C Photocontrol Adaptor Cont. PCA-T Photocontrol Adaptor Trad. EPA-C Egress Adaptor Contemporary EPA-T Egress Adaptor Traditional	UNV 120-277V

DIMENSIONS



Notes:
1 Wild life friendly

DELIVERED LUMENS

The table below shows the delivered lumens for the various lumen outputs and beam distributions. Use this chart in connection with the lumen factor (LF) capability to deliver any output required.

LUMINAIRE PERFORMANCE – CLEAR LENS

LED #	Drive Current	Lumen Package	Lens	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI						
					Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)
						1	2	3			1	2	3			1	2	3	
72	240	Microcore Crossover	Clear Lens	1	6778	1	3	1	126.5	7001	1	3	1	130.6	7263	1	3	1	135.5
				2	6372	2	3	2	118.9	6582	2	3	2	122.8	6828	2	3	2	127.4
				3	6414	2	3	2	119.7	6625	2	3	2	123.6	6873	2	3	2	128.2
				4W	6204	1	3	2	115.8	6409	2	3	2	119.6	6649	2	3	2	124.0
				1-HS	4073	0	3	1	76.0	4208	0	3	1	78.5	4365	0	3	1	81.4
				2-HS	3414	1	3	1	63.7	3526	1	3	1	65.8	3658	1	3	1	68.3
				3-HS	3256	1	3	1	60.7	3363	1	3	1	62.7	3489	1	3	1	65.1
				4W-HS	3140	1	3	1	58.6	3243	1	3	1	60.5	3365	1	3	1	62.8
				5Q	6623	2	3	1	123.6	6841	2	3	1	127.6	7097	3	3	1	132.4
				5W	6047	3	3	1	112.8	6246	3	3	1	116.5	6480	3	3	1	120.9
				1	9091	1	3	1	119.62	9391	1	3	1	123.56	9742	1	3	1	128.27
				2	8547	2	3	2	112.46	8829	2	3	2	116.17	9159	2	3	2	120.48
				3	8603	2	3	2	113.20	8887	2	3	2	116.93	9219	2	3	2	120.97
				4W	8322	2	3	2	109.50	8596	2	3	2	113.11	8918	2	3	2	118.40
				1-HS	5464	1	3	1	71.89	5644	1	3	1	74.26	5855	1	3	1	77.15
				2-HS	4579	1	3	1	60.25	4730	1	3	1	62.24	4907	1	3	1	64.90
	3-HS	4367		1	3	1	57.47	4511	1	3	1	59.36	4680	1	3	1	61.78		
	4W-HS	4212		1	3	1	55.41	4350	1	3	1	57.24	4513	1	3	1	59.62		
	5Q	8883		3	3	1	116.88	9176	3	3	1	120.73	9519	3	3	1	126.43		
	5W	8111		3	3	2	106.73	8379	3	3	2	110.24	8692	3	3	2	114.97		
	1	9552		1	3	1	117.3	9866	1	3	1	121.2	10235	1	3	1	125.7		
	2	8980		2	3	2	110.3	9276	2	3	2	113.9	9623	2	3	2	118.2		
	3	9039		2	3	2	111.0	9337	2	3	2	114.7	9686	2	3	2	118.9		
	4W	8744		2	3	2	107.4	9032	2	3	2	110.9	9370	2	3	2	115.1		
	1-HS	5741		1	3	1	70.5	5930	1	3	1	72.8	6152	1	3	1	75.5		
	2-HS	4811		1	3	1	59.1	4970	1	3	1	61.0	5156	1	3	1	63.3		
	3-HS	4589		1	3	1	56.4	4740	1	3	1	58.2	4917	1	3	1	60.4		
	4W-HS	4425		1	3	1	54.3	4571	1	3	1	56.1	4742	1	3	1	58.2		
	5Q	9333		3	3	1	114.6	9641	3	3	1	118.4	10001	3	3	1	122.8		
	5W	8522		3	3	2	104.7	8803	3	3	2	108.1	9132	3	3	2	112.1		
	1	12701		1	4	2	109.78	13120	2	4	2	113.40	13611	2	4	2	117.64		
	2	11941		2	3	2	103.21	12335	3	3	3	106.61	12796	3	3	3	110.60		
	3	12020		2	3	2	103.89	12416	3	3	3	107.31	12880	3	3	3	111.32		
	4W	11627		2	3	3	100.49	12010	2	3	3	103.80	12459	2	3	3	107.69		
	1-HS	7634		1	3	1	65.98	7885	1	3	1	68.15	8180	1	3	1	70.70		
	2-HS	6398		1	3	1	55.30	6608	1	3	1	57.12	6856	1	3	1	59.25		
	3-HS	6102		1	3	1	52.74	6303	1	3	1	54.47	6538	1	3	1	56.51		
	4W-HS	5884		1	3	1	50.86	6078	1	3	2	52.53	6305	1	3	2	54.50		
	5Q	12411		3	3	2	107.27	12820	3	3	2	110.80	13299	3	3	2	114.94		
	5W	11333		4	3	2	97.95	11706	4	3	2	101.17	12144	4	3	2	104.96		
	1	16464		2	4	2	103.14	17006	2	4	2	106.53	17642	2	4	2	110.52		
	2	15478		3	4	3	96.96	15988	3	4	3	100.16	16586	3	4	3	103.90		
	3	15580		3	3	3	97.60	16093	3	3	3	100.81	16695	3	3	3	104.59		
	4W	15071		3	3	3	94.41	15567	3	3	3	97.52	16150	3	3	3	101.17		
	1-HS	9895		1	3	1	61.99	10221	1	4	1	64.03	10603	1	4	1	66.42		
	2-HS	8293		1	3	1	51.95	8566	1	3	1	53.66	8886	1	3	1	55.67		
	3-HS	7909		1	3	2	49.55	8170	1	3	2	51.18	8475	1	3	2	53.09		
	4W-HS	7627		1	3	2	47.78	7878	1	3	2	49.35	8173	1	3	2	51.20		
5Q	16087	3	3	2	100.78	16617	4	3	2	104.09	17238	4	3	2	107.99				
5W	14689	4	3	2	92.02	15173	4	3	2	95.05	15741	4	3	2	98.61				

PRMS2

DECORATIVE & POST TOP

LUMINAIRE PERFORMANCE – DIFFUSED LENS

LED #	Drive Current	Lumen Package	Lens	Distribution	3000K 70CRI				4000K 70CRI				5000K 70CRI						
					Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)
72	240	Microcore Crossover	Diffused Lens	3	5496	1	3	3	102.5	5677	1	3	3	105.9	5889	1	4	3	109.9
				5W	5182	2	3	3	96.7	5353	2	3	3	99.9	5553	2	3	3	103.6
	335	8,500		3	7342	2	4	3	96.6	7584	2	4	3	99.7	7868	2	4	4	103.4
				5W	6978	3	4	3	91.8	7208	3	4	3	94.8	7478	3	4	3	98.4
	360	Microcore Crossover		3	7745	2	4	3	95.2	8001	2	4	4	98.3	8300	2	4	4	102.0
				5W	7303	3	4	3	89.7	7543	3	4	3	92.7	7825	3	4	3	96.1
	500	12,000		3	10300	2	4	4	89.0	10639	2	4	4	92.0	11037	2	4	4	95.4
				5W	9711	3	4	3	83.9	10031	3	4	3	86.7	10406	3	4	3	89.9
	700	16,000		3	13350	3	5	5	83.6	13790	3	5	5	86.4	14306	3	5	5	89.6
				5W	12587	3	5	4	78.9	13002	3	5	4	81.5	13488	3	5	4	84.5

PHOTOMETRY

PRMS2-72L-700-4K7-1

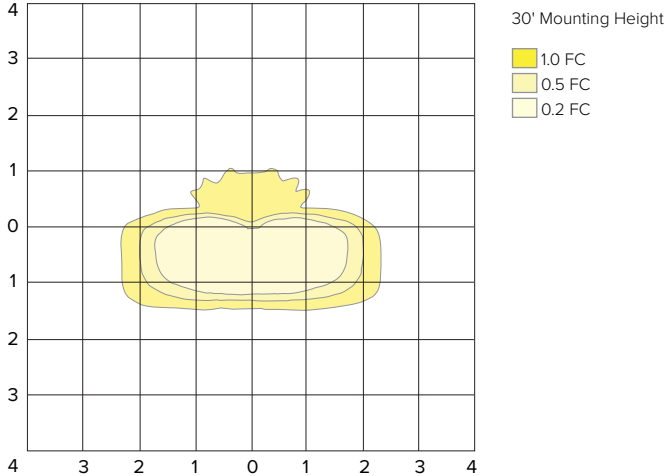
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	17006
Watts	159.63
Efficacy	106.5
IES Type	I
BUG Rating	B2-U4-G2
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	13536	80%
Downward House Side	2398	14%
Downward Total	15934	94%
Upward Street Side	566	3%
Upward House Side	506	3%
Upward Total	1072	6%
Total Flux	17006	100%

ISOFOOT CANDLE PLOT



PRMS2-72L-700-4K7-3

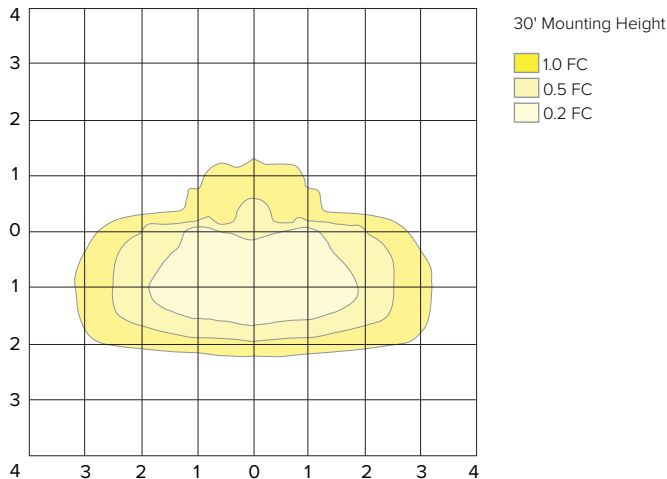
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	16093
Watts	159.63
Efficacy	100.8
IES Type	III
BUG Rating	B3-U3-G3
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	12017	75%
Downward House Side	3217	20%
Downward Total	15234	95%
Upward Street Side	374	2%
Upward House Side	379	2%
Upward Total	753	5%
Total Flux	15987	100%

ISOFOOT CANDLE PLOT



PRMS2-72L-700-4K7-5Q

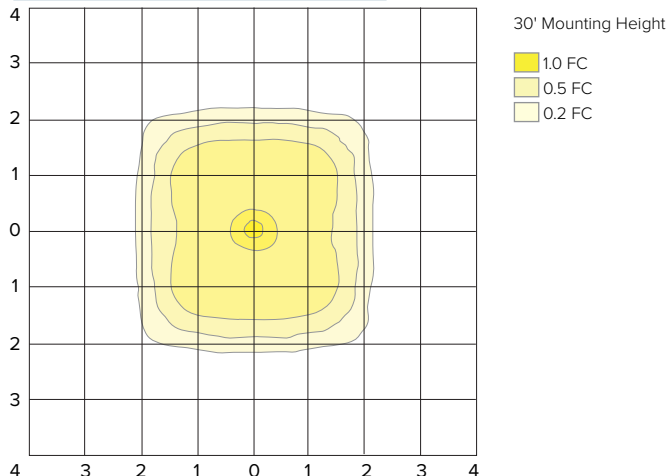
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	16617
Watts	159.63
Efficacy	104.1
IES Type	VS
BUG Rating	B4-U3-G2
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	12407	77%
Downward House Side	3032	19%
Downward Total	15439	96%
Upward Street Side	317	2%
Upward House Side	337	2%
Upward Total	654	4%
Total Flux	16093	100%

ISOFOOT CANDLE PLOT



PHOTOMETRY

PRMS2-72L-700-4K7-2

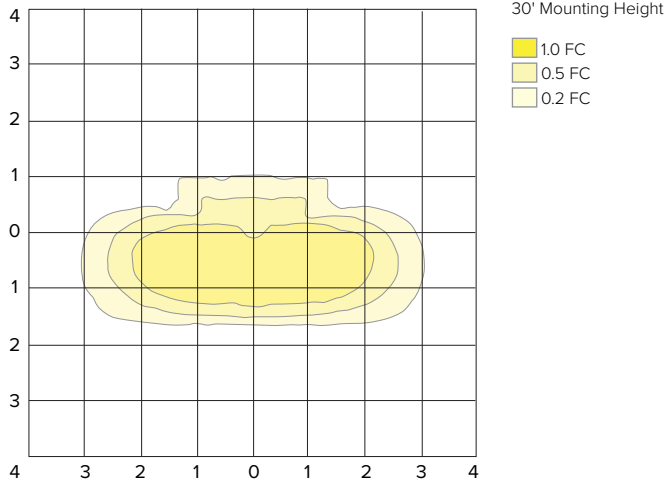
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	15987
Watts	159.63
Efficacy	100.2
IES Type	II
BUG Rating	B3-U4-G3
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	12561	81%
Downward House Side	2491	16%
Downward Total	15052	97%
Upward Street Side	243	2%
Upward House Side	272	2%
Upward Total	515	3%
Total Flux	15567	100%

ISOFOOT CANDLE PLOT



PRMS2-72L-700-4K7-4

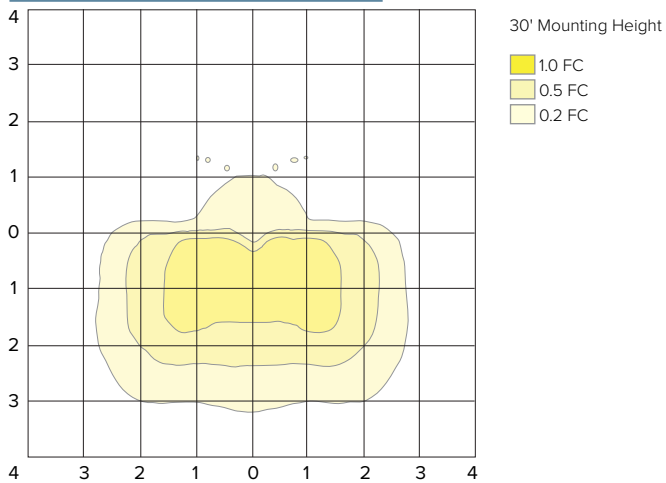
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	15567
Watts	159.63
Efficacy	97.5
IES Type	IV
BUG Rating	B3-U3-G3
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	8019	48%
Downward House Side	8019	48%
Downward Total	16038	97%
Upward Street Side	290	2%
Upward House Side	290	2%
Upward Total	579	3%
Total Flux	16617	100%

ISOFOOT CANDLE PLOT



PRMS2-72L-700-4K7-5W

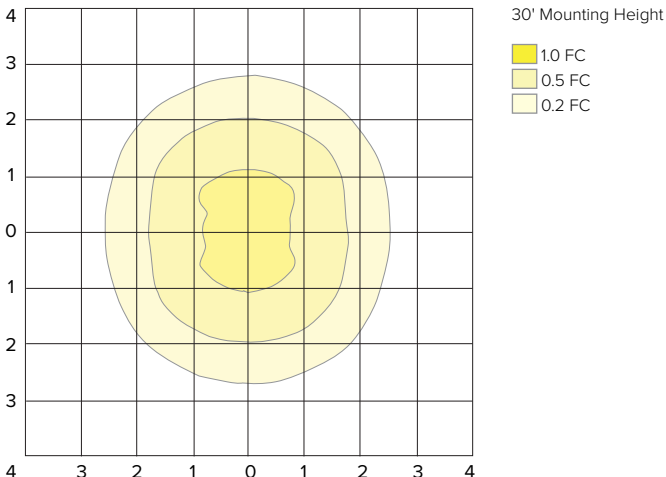
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	15173
Watts	159.63
Efficacy	95
IES Type	VS
BUG Rating	B4-U3-G2
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

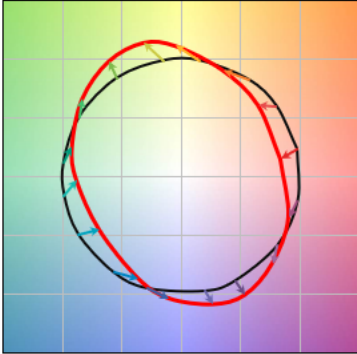
Zone	Lumens	% Luminaire
Downward Street Side	7315	48%
Downward House Side	7315	48%
Downward Total	14630	96%
Upward Street Side	272	2%
Upward House Side	272	2%
Upward Total	543	4%
Total Flux	15173	100%

ISOFOOT CANDLE PLOT



TM-30 DATA

COLOR VECTOR GRAPHIC



— Reference Illuminant — Test Source

TEST SOURCE

MBM TEST RESULTS	
CCT (K)	3947
CIE Ra	72
Duv	0.0004
x	0.3831
y	0.3793
Rf	68
Rg	99

ELECTRICAL DATA

Light Engine	System Watts	System Current	Electrical							Min. Power Factor	Max THD (%)	Dimming Range	Dimming			
			Line Voltage		Amps AC				Source current out of 0-10V				Absolute voltage range on 0-10V (+)			
			VAC	HZ	120	208	240	277	Min				Max	Min	Max	
72L	53.6	240 mA	120-277	50/60	0.45	0.26	0.22	0.19	>0.9	20	10% to 100%	0mA	1mA	0V	10V	
	76.0	335 mA			0.63	0.37	0.32	0.27								
	81.4	360 mA			0.68	0.39	0.34	0.29								
	115.7	500 mA			0.96	0.56	0.48	0.42								
	159.6	700 mA			1.33	0.77	0.67	0.58								

AMBER MULTIPLIER	
CCT	MULTIPLIER
5000K	1
AM	0.1727

2700K MULTIPLIER	
CCT	MULTIPLIER
5000K	1
2700K	0.897

LENS OPTION MULTIPLIER
DIFFUSED LENS
0.8569