

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
- Upgrade Kits



SPECIFICATIONS

CONSTRUCTION

- All internal and external hardware are stainless steel
- Luminaire finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish
- Optical bezel finish matches the luminaire housing

LED/OPTICS

- 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

LED/OPTICS CONTINUED

- 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

PROMENADE



Promenade PRMS2-LK LED Deck

ELECTRICAL CONTINUED

- Drivers are UL recognized with an inrush current maximum of <20.0 Amps maximum at 230VAC
- 100%-1% dimming range. Fixture will be wired for low voltage 0-10V dimming control
- Driver and surge suppressor are mounted to a prewired tray with quick disconnects that may be removed from the gear compartment

CERTIFICATIONS

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

WARRANTY

- 5 year warranty

HOUSING

PRMS2-LK											
Housing		LED Quantity		Lumen output		CCT/CRI		Distribution		Finish	
PRMS2- LK	Promenade Upgrade Kit	72L	72 LED	240	450mA, MicroCore Equivalent	AMB	Amber-595nm Peak¹	1	Type I	BLS	Black Gloss Smooth
				335	335mA, 8,500 lumens	3K7	3000K, 70 CRI	2	Type II	BLT	Black Matte Textured
				360	700mA, MicroCore Equivalent	4K7	4000K, 70 CRI	3	Type III	DBS	Dark Bronze Gloss Smooth
				500	500mA, 12,000 lumens	5K7	5000K, 70 CRI	4W	Type IV Wide	DBT	Dark Bronze Matte Textured
				700	700mA, 16,000 Lumens			5Q	Type V Square	GTT	Graphite Matte Textured
								5W	Type V Wide	LGS	Light Grey Gloss Smooth
										LGT	Light Grey Matte Textured
										PSS	Platinum Silver Gloss Smooth
										VGT	Verde Green Matte Textured
										WHS	White Gloss Smooth
										WHT	White Matte Textured
Color Option											
										CC ⁴	Custom Color

Optional Lens	Options	Options Photocontrol Egress	Voltage
DL Diffused Lens ²	HS House Side Shield ³ CHM Chimney CHC Copper Hood Cover BHC Brass Hood Cover SF Single Fuse (120,277) DF Double Fuse (208,240) ²	PCA-C Photocontrol Adaptor Cont. PCA-T Photocontrol Adaptor Trad. EPA-C Egress Adaptor Contemporary EPA-T Egress Adaptor Traditional	UNV 120-277V

Notes:

- 1 Turtle friendly
- 2 Diffused Lens is available only with T3 and T5W distribution
- 3 House side Shield is available only with T1, T2, T3 and T4W distributions
- 4 Consult factory for custom color, marine and corrosive finish options

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)
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
	335	8,500		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
	360	Microcore Crossover		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
	500	12,000		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
	700	16,000		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

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

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

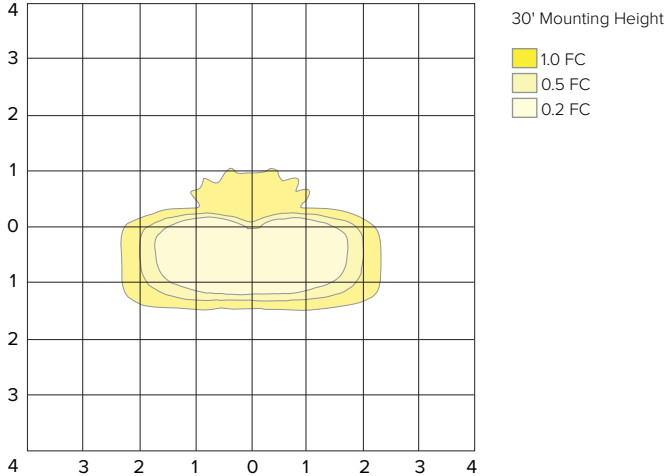
LUMINAIRE DATA

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

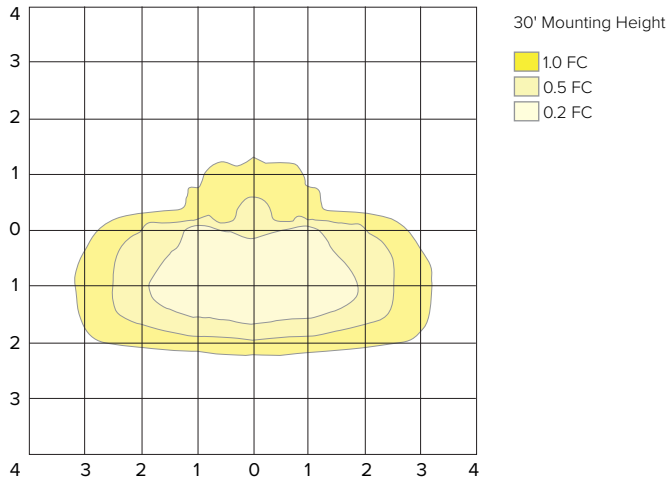
LUMINAIRE DATA

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

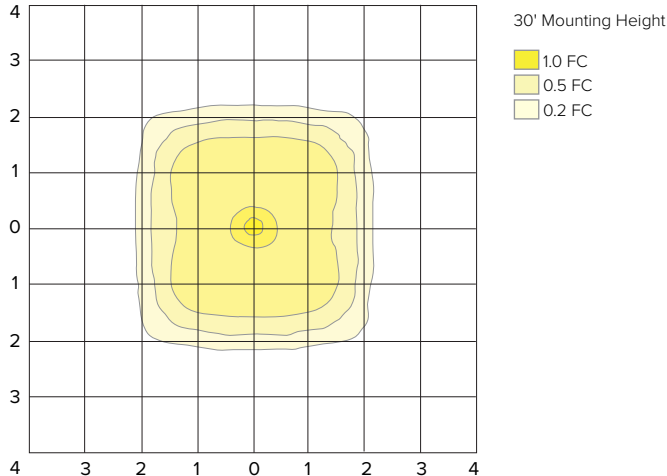
LUMINAIRE DATA

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

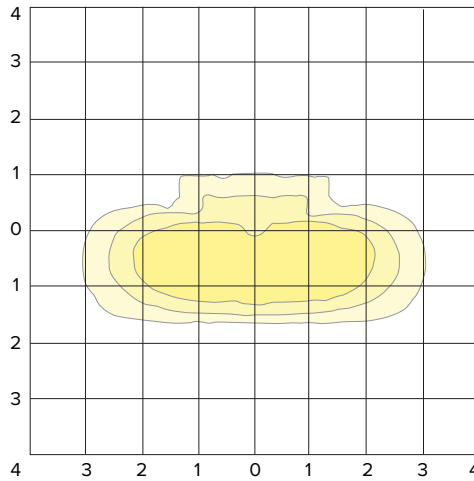
LUMINAIRE DATA

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



30' Mounting Height

1.0 FC
0.5 FC
0.2 FC

PRMS2-72L-700-4K7-4

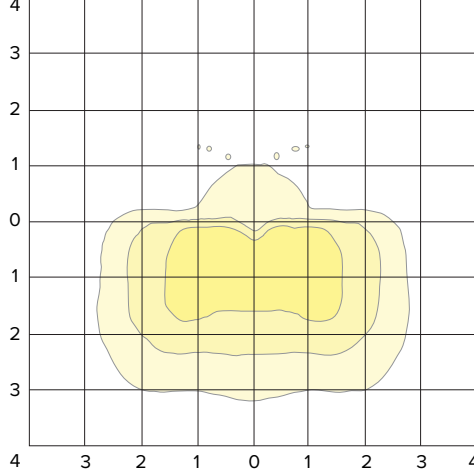
LUMINAIRE DATA

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



30' Mounting Height

1.0 FC
0.5 FC
0.2 FC

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

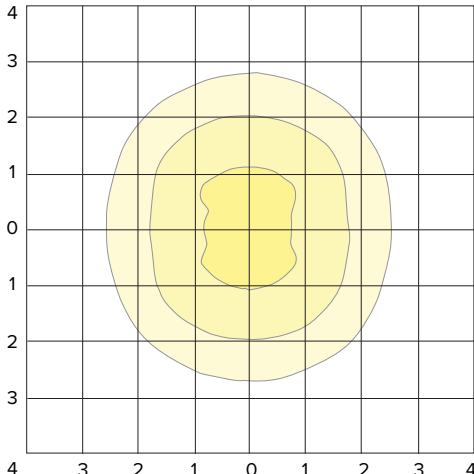
LUMINAIRE DATA

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

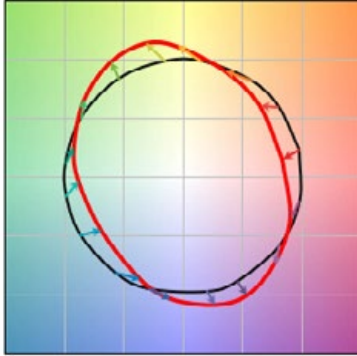


30' Mounting Height

1.0 FC
0.5 FC
0.2 FC

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

Electrical										Dimming					
Light Engine	System Watts	System Current	Line Voltage		Amps AC				Min. Power Factor	Max THD (%)	Dimming Range	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