

FEATURES

- Reliable, uniform, glare free illumination
- Types 1, 2, 3, 4W, 5Q, and 5W distributions
- Amber, 3000K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral Surge protection: 10k in parallel, 20k in series
- Upgrade Kits

PROVIDENCE®



Providence Medium



3000K and warmer CCTs only

See Certification Specifications

SPECIFICATIONS

CONSTRUCTION

- All housing components aluminum 360 alloy, sealed with continuous silicone rubber gaskets
- Standard configurations do not require a flat lens, optional lenses are 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 to match the luminaire housing

LED/OPTICS

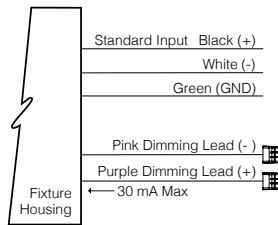
- Optical cartridge system consisting of a die cast heat sink, LED engine, TIR optics, gasket and bezel plate
- Optics are held in place without the use of adhesives
- Molded silicone gasket ensures a weather-proof seal around each individual LED.
- Features individual LED optical control based on high 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 UL recognized integral surge protection, 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
- 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
- Surge protection: 10,000k in parallel, 20,000k in series

CONTROLS

- Egress adapter(s) will 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) are prewired, independently rotatable 359°, and have a cast access cover with an integral lens and lanyard

CONTROLS (CONTINUED)

- Egress adapter will 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 will have a socket that accepts miniature bi-pin MR16 lamps up to 50 watts, lamp by others
- Photocell adapter includes a 7-Pin internal twist lock receptacle. Photocell by others

CERTIFICATIONS

- ETL listed under UL 1598 and CSA C22.2 No. 250.0-08 for wet locations
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 5/29/2020

WARRANTY

- 5 year warranty

KEY DATA	
LUMEN RANGE	1,81–9,336
WATTAGE RANGE	31.52–71.6
EFFICACY RANGE (LPW)	44.9–118.9
INPUT CURRENT RANGE (mA)	295–615 mA
WEIGHT	29 lbs / 13.15 kg
EPA	1.33

ORDERING GUIDE

Example: PROV2-36L-325-3K7-4W-BL-SLA1-DF-HS-AD5-UNV

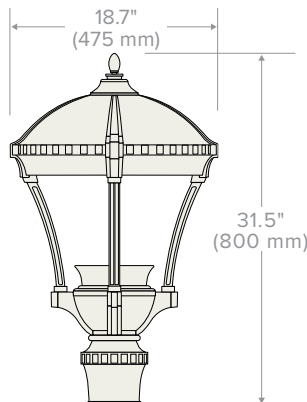
CATALOG #

HOUSING

PROV2		LED Quantity		Lumen output		CCT/CRI		Distribution		Finish	
PROV2	Providence Medium 2.0	36L	36 LED	295	450mA Microcore Equivalent	AMB	Amber-595nm Peak ¹	1	Type I	BLS	Black Gloss Smooth
				325	325mA, 4500 Lumens	3K7	3000K, 70 CRI	2	Type II	BLT	Black Matte Textured
				510	510mA, 6500 Lumens	4K7	4000K, 70 CRI	3	Type III	DBS	Dark Bronze Gloss Smooth
				525	700mA Microcore Equivalent	5K7	5000K, 70 CRI	4W	Type IV Wide	DBT	Dark Bronze Matte Textured
				615	615mA, 7500 Lumens	Contact factory for options listed below		5Q	Type V Square	GTT	Graphite Matte Textured
						27K8 2700K, 80 CRI 80 or 90 CRI for standard color temperatures		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 ²	Custom Color

Mounting		Optional Lens		Options		Mounting Options		Voltage	
Pole Mount		CL	Clear Lens	HS	House Side Shield ^{3,5}	AD5	Adaptor-5" OD Pole	UNV	120-277V
STND_MNT ⁶	Standard Mount	DL	Diffused Lens ²	PFN	Brass Colored Finish	PCA-C	Photocontrol Adapter Contemporary		
PT23	2 3/8" tenon			SPK	Cast Spikes	EPA-C	Egress Adapter Contemporary		
PT3	3" tenon			BPS	Brass Colored Struts				
PT4	4" tenon			SF	Single Fuse (120, 277)				
Arm Mount				DF	Double Fuse (208, 240)				
SLA1	4" pole or tenon								
TRA5U-4	4" pole or tenon								
TRA6U-4	4" pole or tenon								
TRA8U-4	4" pole or tenon								
TRA55-4	4" pole or tenon								
TRA5U-5	5" pole or tenon								
TRA6U-5	5" pole or tenon								
TRA8U-5	5" pole or tenon								
TRA55-5	5" pole or tenon								
TRA56-5	5" pole or tenon								
Wall Mount									
WMA55	Wall Mount								
WMA56	Wall Mount								
Pier Mount									
PM1	Pier Mount 1								
PM2	Pier Mount 2								
PM3	Pier Mount 3								

DIMENSIONS



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
- 5 Contact Factory for additional glare shield options
- 6 Slide over 4" OD Pole

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.

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)	
36	295	450mA Microcore Equivalent	None	1	3807	1	0	1	111.6	3960	1	0	1	116.1	4128	1	0	1	121.0	
				2	3596	1	0	1	105.4	3740	1	0	1	109.7	3899	1	0	1	114.3	
				3	3471	1	0	1	101.8	3611	1	0	1	105.9	3764	1	0	1	110.4	
				4W	3501	1	0	1	102.7	3642	1	0	1	106.8	3796	1	0	1	111.3	
				1-HS	2355	0	0	1	69.1	2450	0	0	1	71.8	2554	0	0	1	74.9	
				2-HS	2049	0	0	1	60.1	2132	0	0	1	62.5	2222	0	0	1	65.2	
				3-HS	1981	0	0	1	58.1	2061	0	0	1	60.4	2148	0	0	1	63.0	
				4W-HS	2044	0	0	1	59.9	2126	0	0	1	62.3	2216	0	0	1	65.0	
				5Q	3818	2	0	1	112.0	3971	2	0	1	116.5	4140	2	0	1	121.4	
			5W	3529	2	0	1	103.5	3670	2	0	1	107.6	3826	2	0	1	112.2		
			Clear	1-CL	3242	1	0	1	95.0	3373	1	0	1	98.8	3516	1	0	1	103.0	
				2-CL	3062	1	0	1	89.7	3186	1	0	1	93.3	3321	1	0	1	97.3	
				3-CL	2957	1	0	1	86.6	3075	1	0	1	90.1	3206	1	0	1	93.9	
				4W-CL	2982	1	0	1	87.4	3102	1	0	1	90.9	3233	1	0	1	94.7	
				1-CL-HS	2006	0	0	1	58.8	2087	0	0	1	61.1	2175	0	0	1	63.7	
				2-CL-HS	1746	0	0	1	51.1	1816	0	0	1	53.2	1893	0	0	1	55.5	
				3-CL-HS	1688	0	0	1	49.4	1755	0	0	1	51.4	1830	0	0	1	53.6	
				4W-CL-HS	1740	0	0	1	51.0	1810	0	0	1	53.0	1887	0	0	1	55.3	
	5Q-CL	3252		2	0	1	95.3	3382	2	0	1	99.1	3526	2	0	1	103.3			
	5W-CL	3005	2	0	1	88.1	3126	2	0	1	91.6	3259	2	0	1	95.5				
	Diffused	3-DL	2243	1	0	1	65.8	2334	1	0	1	68.4	2433	1	0	1	71.3			
		5W-DL	2280	1	0	1	66.9	2372	1	0	1	69.6	2473	1	0	1	72.5			
	36	325	4500	None	1	4147	1	0	1	110	4313	1	0	1	114	4496	1	0	1	118.9
					2	3917	1	0	1	104	4074	1	0	1	108	4247	1	0	1	112.3
					3	3781	1	0	1	100	3933	1	0	1	104	4100	1	0	1	108.4
					4W	3813	1	0	1	101	3967	1	0	2	105	4135	1	0	2	109.3
					1-HS	2566	0	0	1	68	2669	0	0	1	71	2782	0	0	1	73.6
					2-HS	2232	0	0	1	59	2322	0	0	1	61	2421	0	0	1	64.0
					3-HS	2158	0	0	1	57	2245	0	0	1	59	2340	0	0	1	61.9
					4W-HS	2226	0	0	1	59	2315	0	0	1	61	2414	0	0	1	63.8
					5Q	4158	2	0	1	110	4326	2	0	1	114	4509	2	0	1	119.2
				5W	3844	2	0	1	102	3998	2	0	1	106	4168	3	0	1	110.2	
				Clear	1-CL	3532	1	0	1	93.4	3674	1	0	1	97.1	3829	1	0	1	101.3
					2-CL	3336	1	0	1	88.2	3470	1	0	1	91.7	3617	1	0	1	95.6
					3-CL	3220	1	0	1	85.2	3350	1	0	1	88.6	3492	1	0	1	92.3
4W-CL					3248	1	0	1	85.9	3379	1	0	1	89.3	3522	1	0	1	93.1	
1-CL-HS					2185	0	0	1	57.8	2273	0	0	1	60.1	2369	0	0	1	62.6	
2-CL-HS					1901	0	0	1	50.3	1978	0	0	1	52.3	2062	0	0	1	54.5	
3-CL-HS					1838	0	0	1	48.6	1912	0	0	1	50.6	1993	0	0	1	52.7	
4W-CL-HS					1896	0	0	1	50.1	1972	0	0	1	52.1	2056	0	0	1	54.4	
5Q-CL		3542	2		0	1	93.6	3684	2	0	1	97.4	3840	2	0	1	101.5			
5W-CL		3274	2	0	1	86.6	3405	2	0	1	90.0	3550	2	0	1	93.9				
Diffused		3-DL	2459	1	0	1	65.0	2558	1	0	1	67.7	2666	1	0	1	70.7			
		5W-DL	2469	1	0	1	65.3	2568	1	0	1	67.9	2677	1	0	1	70.9			

DELIVERED LUMENS (CONTINUED)

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.

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)	
36	510	6500	None	1	6081	1	0	1	104.1	6326	1	0	1	108	6594	1	0	1	113	
				2	5744	1	0	1	98.3	5975	1	0	1	102	6228	1	0	1	107	
				3	5545	1	0	2	94.9	5768	1	0	2	99	6013	1	0	2	103	
				4W	5593	1	0	2	95.7	5818	1	0	2	100	6064	1	0	2	104	
				1-HS	3763	0	0	1	64.4	3914	0	0	1	67	4080	0	0	1	70	
				2-HS	3274	0	0	1	56.1	3406	0	0	1	58	3550	0	0	1	61	
				3-HS	3165	0	0	1	54.2	3292	0	0	1	56	3432	0	0	1	59	
				4W-HS	3265	0	0	1	55.9	3396	0	0	1	58	3540	0	0	1	61	
				5Q	6099	2	0	1	104.4	6344	2	0	1	109	6613	3	0	1	113	
			5W	5637	3	0	1	96.5	5864	3	0	1	100	6112	3	0	1	105		
			Clear	1-CL	5180	1	0	1	88.7	5388	1	0	1	92.2	5616	1	0	1	96.2	
				2-CL	4892	1	0	1	83.8	5089	1	0	1	87.1	5305	1	0	1	90.8	
				3-CL	4723	1	0	1	80.9	4913	1	0	1	84.1	5121	1	0	1	87.7	
				4W-CL	4763	1	0	2	81.6	4955	1	0	2	84.8	5165	1	0	2	88.4	
				1-CL-HS	3205	0	0	1	54.9	3334	0	0	1	57.1	3475	0	0	1	59.5	
				2-CL-HS	2788	0	0	1	47.7	2901	0	0	1	49.7	3024	0	0	1	51.8	
				3-CL-HS	2696	0	0	1	46.2	2804	0	0	1	48.0	2923	0	0	1	50.0	
				4W-CL-HS	2780	0	0	1	47.6	2892	0	0	1	49.5	3015	0	0	1	51.6	
	5Q-CL	5194		2	0	1	88.9	5403	2	0	1	92.5	5632	2	0	1	96.4			
	5W-CL	4801	3	0	1	82.2	4994	3	0	1	85.5	5206	3	0	1	89.1				
	Diffused	3-DL	3584	1	0	1	61.4	3728	1	0	1	63.8	3886	1	0	1	66.5			
		5W-DL	3615	2	0	1	61.9	3760	2	0	1	64.4	3919	2	0	1	67.1			
	525	700mA Microcore Equivalent		None	1	6235	1	0	1	103.6	6486	1	0	1	107.7	6761	1	0	1	112.3
					2	5889	1	0	1	97.8	6126	1	0	1	101.8	6386	1	0	1	106.1
					3	5686	1	0	2	94.4	5914	1	0	2	98.2	6165	1	0	2	102.4
					4W	5734	1	0	2	95.3	5965	1	0	2	99.1	6218	1	0	2	103.3
					1-HS	3858	0	0	1	64.1	4013	0	0	1	66.7	4183	0	0	1	69.5
					2-HS	3357	0	0	1	55.8	3492	0	0	1	58.0	3640	0	0	1	60.5
					3-HS	3245	0	0	1	53.9	3376	0	0	1	56.1	3519	0	0	1	58.5
					4W-HS	3347	0	0	1	55.6	3482	0	0	1	57.8	3629	1	0	1	60.3
					5Q	6253	2	0	1	103.9	6504	2	0	1	108.0	6780	3	0	1	112.6
				5W	5779	3	0	1	96.0	6012	3	0	1	99.9	6267	3	0	1	104.1	
				Clear	1-CL	5311	1	0	1	88.2	5524	1	0	1	91.8	5758	1	0	1	95.7
					2-CL	5016	1	0	1	83.3	5218	1	0	1	86.7	5439	1	0	1	90.3
					3-CL	4842	1	0	1	80.4	5037	1	0	2	83.7	5251	1	0	2	87.2
					4W-CL	4884	1	0	2	81.1	5080	1	0	2	84.4	5296	1	0	2	88.0
1-CL-HS					3286	0	0	1	54.6	3418	0	0	1	56.8	3563	0	0	1	59.2	
2-CL-HS					2859	0	0	1	47.5	2974	0	0	1	49.4	3100	0	0	1	51.5	
3-CL-HS					2764	0	0	1	45.9	2875	0	0	1	47.8	2997	0	0	1	49.8	
4W-CL-HS					2851	0	0	1	47.4	2965	0	0	1	49.3	3091	0	0	1	51.3	
5Q-CL	5326	2	0		1	88.5	5540	2	0	1	92.0	5775	2	0	1	95.9				
5W-CL	4922	3	0	1	81.8	5120	3	0	1	85.1	5337	3	0	1	88.7					
Diffused	3-DL	3675	1	0	1	61.0	3822	1	0	1	63.5	3984	1	0	1	66.2				
	5W-DL	3735	2	0	1	62.0	3885	2	0	1	64.5	4050	2	0	1	67.3				

DELIVERED LUMENS (CONTINUED)

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.

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)
36	615	7500	None	1	7118	1	0	1	101.3	7404	1	0	1	105.4	7718	1	0	1	109.9
				2	6723	1	0	1	95.7	6994	1	0	2	99.6	7290	1	0	2	103.8
				3	6491	1	0	2	92.4	6752	1	0	2	96.1	7038	1	0	2	100.2
				4W	6546	1	0	2	93.2	6809	1	0	2	96.9	7098	1	0	2	101.0
				1-HS	4404	0	0	1	62.7	4581	0	0	1	65.2	4775	0	0	1	68.0
				2-HS	3832	0	0	1	54.5	3986	0	0	1	56.7	4155	0	0	1	59.1
				3-HS	3705	0	0	1	52.7	3854	0	0	1	54.9	4017	0	0	1	57.2
				4W-HS	3821	1	0	1	54.4	3975	1	0	1	56.6	4143	1	0	1	59.0
				5Q	7138	3	0	1	101.6	7425	3	0	1	105.7	7740	3	0	1	110.2
			5W	6598	3	0	1	93.9	6863	3	0	1	97.7	7154	3	0	1	101.8	
			Clear	1-CL	6063	1	0	1	86.3	6306	1	0	1	89.8	6574	1	0	1	93.6
				2-CL	5726	1	0	1	81.5	5956	1	0	1	84.8	6209	1	0	1	88.4
				3-CL	5528	1	0	1	78.7	5750	1	0	1	81.9	5994	1	0	2	85.3
				4W-CL	5575	1	0	2	79.4	5800	1	0	2	82.6	6045	1	0	2	86.1
				1-CL-HS	3751	0	0	1	53.4	3902	0	0	1	55.5	4067	0	0	1	57.9
				2-CL-HS	3264	0	0	1	46.5	3395	0	0	1	48.3	3539	0	0	1	50.4
				3-CL-HS	3155	0	0	1	44.9	3282	0	0	1	46.7	3421	0	0	1	48.7
				4W-CL-HS	3254	0	0	1	46.3	3385	0	0	1	48.2	3529	0	0	1	50.2
			5Q-CL	6080	2	0	1	86.5	6324	2	0	1	90.0	6592	2	0	1	93.8	
			Diffused	5W-CL	5619	3	0	1	80.0	5845	3	0	1	83.2	6093	3	0	1	86.7
				3-DL	4195	1	0	1	59.7	4364	1	0	1	62.1	4549	1	0	1	64.7
				5W-DL	4264	2	0	1	60.7	4436	2	0	1	63.1	4624	2	0	1	65.8

PHOTOMETRY

PROV2-36L-615-4K7-1

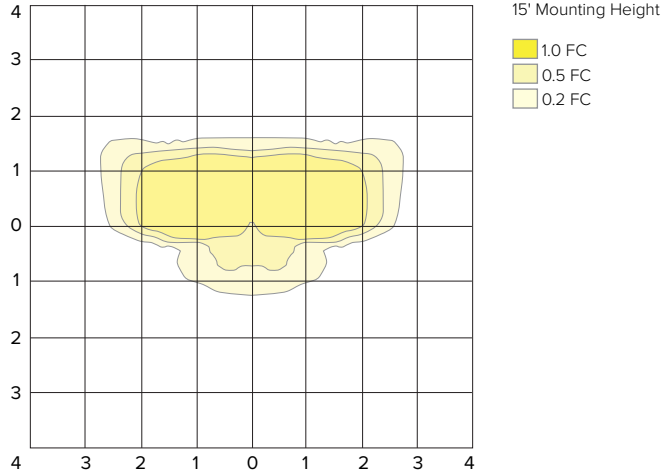
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	7405
Watts	70.25
Efficacy	105.4
IES Type	II
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6403	86%
Downward House Side	1002	14%
Downward Total	7405	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	7405	100%

ISOFOOT CANDLE PLOT



PROV2-36L-615-4K7-2

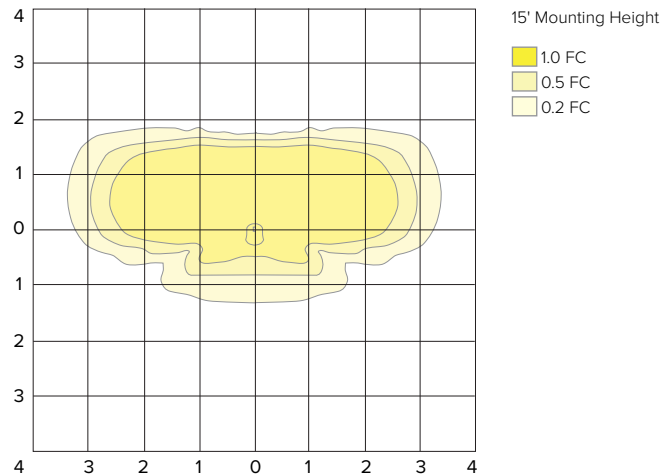
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	6994
Watts	70.25
Efficacy	99.6
IES Type	II
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	5665	81%
Downward House Side	1329	19%
Downward Total	6994	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	6994	100%

ISOFOOT CANDLE PLOT



PROV2-36L-615-4K7-3

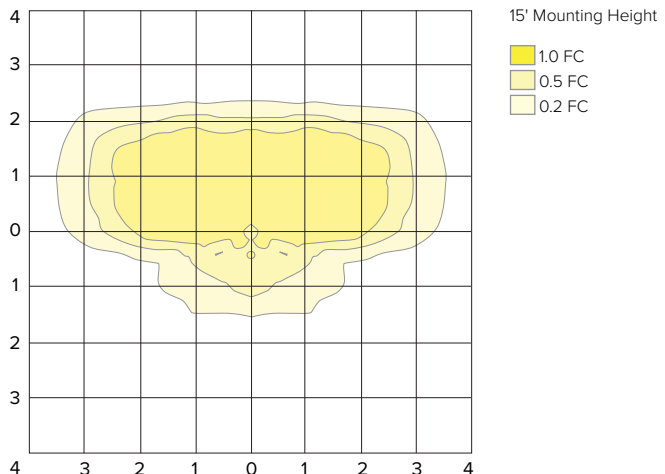
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	6752
Watts	70.25
Efficacy	96.1
IES Type	III
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	5552	82%
Downward House Side	1200	18%
Downward Total	6752	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	6752	100%

ISOFOOT CANDLE PLOT



PHOTOMETRY

PROV2-36L-615-4K7-4W

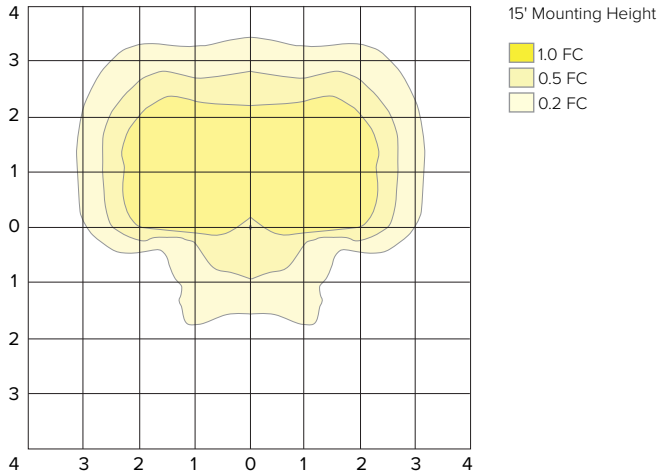
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	6809
Watts	70.25
Efficacy	96.9
IES Type	IV Wide
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	5802	85%
Downward House Side	1007	15%
Downward Total	6809	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	6809	100%

ISOFOOT CANDLE PLOT



PROV2-36L-615-4K7-5Q

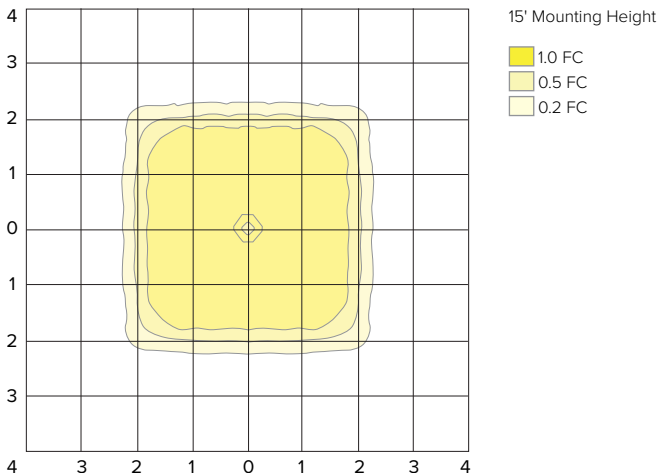
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	7425
Watts	70.25
Efficacy	105.7
IES Type	VS
BUG Rating	B3-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	3713	50%
Downward House Side	3713	50%
Downward Total	7425	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	7425	100%

ISOFOOT CANDLE PLOT



PROV2-36L-615-4K7-5W

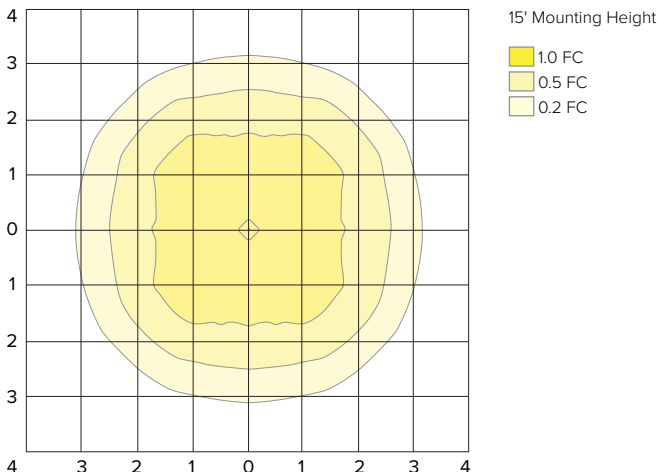
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	6863
Watts	70.25
Efficacy	97.7
IES Type	VS
BUG Rating	B3-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

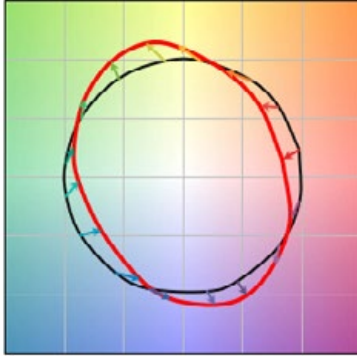
Zone	Lumens	% Luminaire
Downward Street Side	3432	50%
Downward House Side	3432	50%
Downward Total	6863	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	6863	100%

ISOFOOT CANDLE PLOT



TM-30 DATA

COLOR VECTOR GRAPHIC

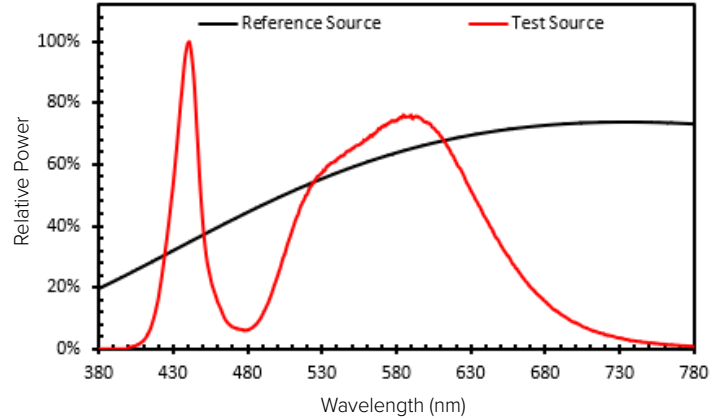


— Reference Illuminant — Test Source

TEST SOURCE

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

SPECTRAL POWER DISTRIBUTION COMPARISON



ELECTRICAL DATA

Light Engine	Electrical								Dimming						
	System Current	System Watts	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
36	295 mA	34.1	120-277	50/60	0.28	0.16	0.14	0.12	>0.9	20	10% to 100%	0mA	1mA	0V	10V
	325 mA	37.8			0.32	0.18	0.16	0.14							
	510 mA	58.4			0.49	0.28	0.24	0.21							
	525 mA	60.2			0.50	0.29	0.25	0.22							
	615 mA	70.3			0.59	0.34	0.29	0.25							

TM-21 LIFETIME CALCULATION - PROJECTED LUMEN MAINTENANCE (25°C / 77°F)						
HOURS	0	25,000	36,000	50,000	100,000	REPORTED L70
Projected Lumen Maintenance	100%	98.0%	96.9%	95.4%	90.5%	> 60,000

AMBER MULTIPLIER	
CCT	MULTIPLIER
5000K	1
AM	0.1727

2700K MULTIPLIER	
CCT	MULTIPLIER
5000K	1
2700K	0.897

LENS OPTION MULTIPLIER	
CLEAR LENS	DIFFUSED LENS
0.8517	0.6462