

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PROVIDENCE®



Providence Small

FEATURES

- Reliable, uniform, glare free illumination
- Types II, III, IV and V 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
- 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

- LEDs are mounted to a metal printed circuit board assembly (MCPCB) with a uniform conformal coating over the panel surface and electrical features
- 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
- 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

CONTROLS

- 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
- This product qualifies as a “designated country construction material” per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 6/06/2020.

WARRANTY

- 5 year warranty

KEY DATA	
LUMEN RANGE	1,275–3,270
WATTAGE RANGE	25–42
EFFICACY RANGE (LPW)	46–78
INPUT CURRENT RANGE (mA)	255/400 mA
WEIGHT	9 lbs 4 kg
EPA	.46

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ORDERING GUIDE

Example: PROS-Y3-3030-BLS-BPS-WMA59D

CATALOG #

HOUSING

PROS										
Housing	Distribution	Lumen Package		Finish		Options		Mounting		
PROS Providence Small LED	Y2	Type II	2030	3000K CCT 25 watts	BLS	Black Gloss Smooth	FS1	Fusing	Standard Mount	
	Y3	Type III	2040	4000K CCT 25 watts	BLT	Black Matte Textured	PFN	Brass Painted Finial	Slips over a 3"/75mm pole or may choose one	
	Y4	Type IV	2050	5000K CCT 25 watts	DBS	Dark Bronze Gloss Smooth	SPK	Brass Painted Spike	Wall Mount	
	Y5	Type V	3030	3000K CCT 43 watts	DBT	Dark Bronze Matte Textured	BPS	Brass Painted Struts	WMA59D	Mount down
			3040	4000K CCT 43 watts	GTT	Graphite Matte Textured	LDL	Lightly diffused lens	WMA59U	Mount up
			3040	4000K CCT 43 watts	LGS	Light Gray Gloss Smooth	AD4	Adapter used only with standard AAL arms and post top mount fixtures to slip over a 4"/100mm O.D. pole	Pole Mount/Side Mounts	
			3050	5000K CCT 43 watts	LGT	Light Gray Matte Textured			TRA59D	Mount down
					PSS	Platinum Silver Gloss Smooth		TRA59U	Mount up	
					VGT	Verde Green Matte Textured				
					WHS	White Gloss Smooth				
				WHT	White Matte Textured					
				Color Options						
				CC	Custom Color ¹					

Notes:

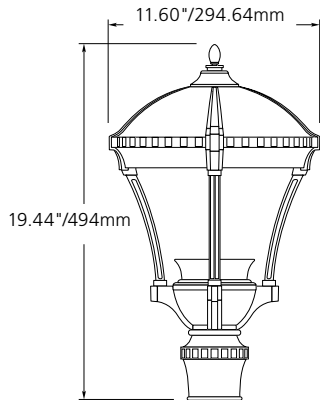
1 Consult factory for custom color, marine and corrosive finish options

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.

System Watts	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)
					B	U	G			B	U	G			B	U	G	
25	2000	Clear Lens (Standard)	Type 2	1792	1	0	1	72	1957	1	0	1	78	1951	1	0	1	78
			Type 3	1830	1	0	1	73	1970	1	0	1	79	1958	1	0	1	78
			Type 4W	1793	0	0	1	72	1957	0	0	1	78	1960	0	0	1	78
			Type 5	1735	1	0	1	69	1894	1	0	1	76	1889	1	0	1	76
		Lightly Diffused Lens	Type 2	1216	1	1	1	49	1361	1	1	1	54	1387	1	1	1	55
			Type 3	1216	1	1	1	49	1361	1	1	1	54	1386	1	1	1	55
			Type 4W	1298	1	1	1	52	1417	1	1	1	57	1419	1	1	1	57
			Type 5	1139	1	1	1	46	1275	1	1	1	51	1299	1	1	1	52
43	3000	Clear Lens (Standard)	Type 2	2975	1	0	1	69	3247	1	0	1	76	3238	1	0	1	75
			Type 3	3038	1	1	1	71	3270	1	0	1	76	3261	1	0	1	76
			Type 4W	2988	1	0	1	69	3262	1	0	1	76	3253	1	0	1	76
			Type 5	2892	2	0	1	67	3157	2	0	1	73	3148	2	0	1	73
		Lightly Diffused Lens	Type 2	2092	1	1	1	49	2342	1	1	1	54	2386	1	1	1	55
			Type 3	2091	1	1	1	49	2341	1	1	1	54	2385	1	1	1	55
			Type 4W	2164	1	1	1	50	2362	1	1	1	55	2356	1	1	1	55
			Type 5	1959	1	1	1	46	2193	1	1	1	51	2234	1	1	1	52

DIMENSIONS



PHOTOMETRY

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PROS-Y2-3040

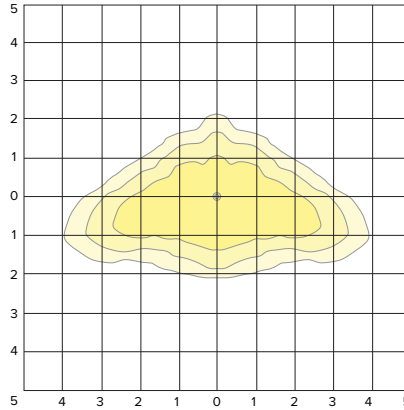
LUMINAIRE DATA

Description	3040K, 70CRI
Delivered Lumens	3247
Watts	43.2
Efficacy	75.2
IES Type	TYPE II, MEDIUM
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2229	68.6%
Downward House Side	1018	31.3%
Downward Total	3247	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3247	100%

ISOFOOT CANDLE PLOT



PROS-Y3-3040

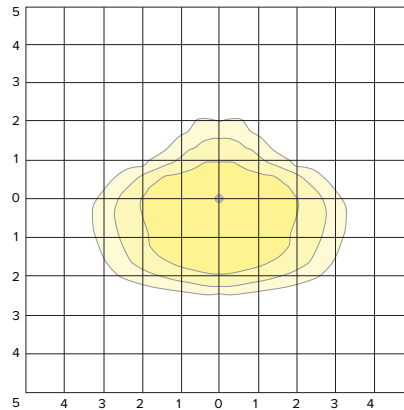
LUMINAIRE DATA

Description	3040K, 70CRI
Delivered Lumens	3270
Watts	43.2
Efficacy	75.7
IES Type	Type III
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2376	72.6%
Downward House Side	894	27.3%
Downward Total	3270	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3270	100%

ISOFOOT CANDLE PLOT



PROS-Y4W-3040

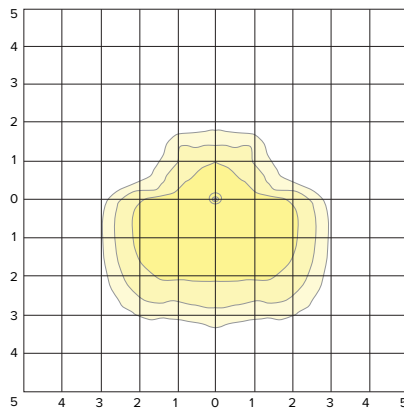
LUMINAIRE DATA

Description	3040K, 70CRI
Delivered Lumens	3262
Watts	43
Efficacy	75.9
IES Type	Type IV
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	2670	81.9%
Downward House Side	592	18.2%
Downward Total	3262	100.1%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3262	100%

ISOFOOT CANDLE PLOT



PHOTOMETRY

PROS-Y5-3040

LUMINAIRE DATA

Description	3040K, 70CRI
Delivered Lumens	3157
Watts	42.8
Efficacy	73.8
IES Type	Type VS
BUG Rating	B2-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

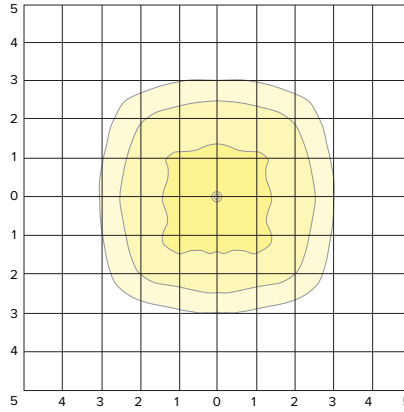
Zone	Lumens	% Luminaire
Downward Street Side	1594	50.5%
Downward House Side	1563	49.5%
Downward Total	3157	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3157	100%

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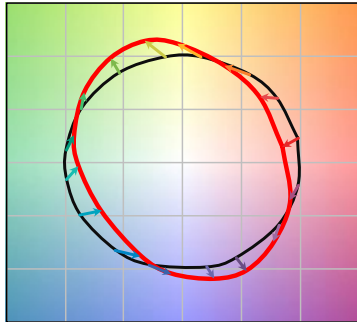
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ISOFOOT CANDLE PLOT



TM-30 DATA

COLOR VECTOR GRAPHIC

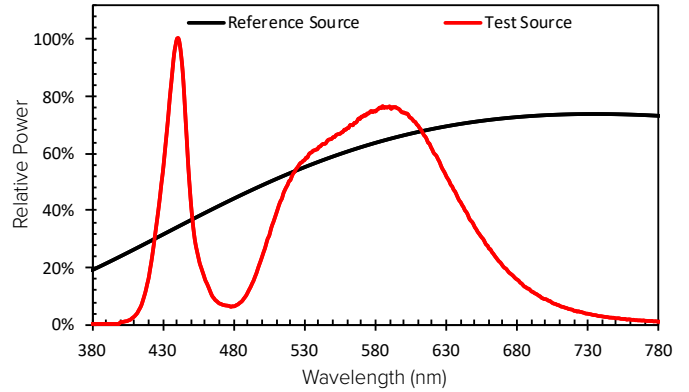


— Reference Illuminant — Test Source

TEST SOURCE

R _f	68
R _g	99
CCT(K)	3947
D _{uv}	0.0004
x	0.3831
y	0.3793
CIE R _a	72

SPECTRAL POWER DISTRIBUTION COMPARISON



ELECTRICAL DATA

Configuration	Electrical Characteristics											Dimming					
	LED Drive mA	System Watts	Line Voltage		Amps AC					Min. POWER FACTOR	Max THD (%)	Dimming Range	Source Current Out		Absolute Voltage		
			VAC	Hz	120	208	220	240	277				Min	Max	Min	Max	
2020	2000 series	255	25	120-277	50/60	0.35	0.15	0.35	0.15	0.15	≥.9	20	10% to 100%	0mA	1mA	0V	10V
2040																	
2050																	
3020	3000 series	400	42	120-277	50/60	0.21	0.09	0.21	0.09	0.09	≥.9	20	10% to 100%	0mA	1mA	0V	10V
3040																	
3050																	

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%	99.0%	99.5%	98.0%	95.0%	>60000