

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

## 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



## PROVIDENCE®



Providence Small

### RELATED PRODUCTS

Ø [PROL2](#)

Ø [PROV2](#)

## 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 (CONTINUED)

- 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. [See Buy American Solutions.](#)

### WARRANTY

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

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

Notes:

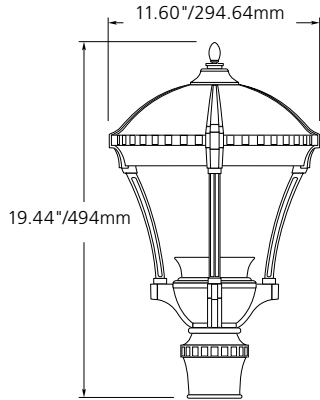
1 Consult factory for custom color, marine and corrosive finish options

**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**

**PROS-Y2-3040**

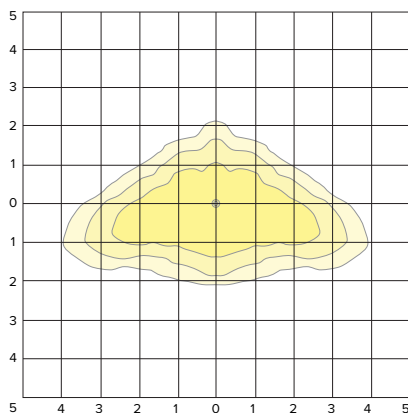
**LUMINAIRE DATA**

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

**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**

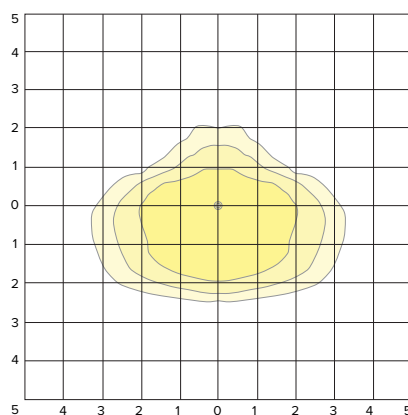
**LUMINAIRE DATA**

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

**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**

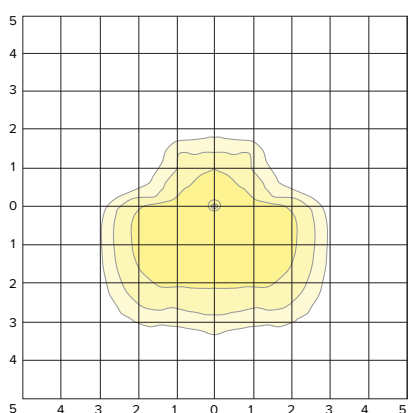
**LUMINAIRE DATA**

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

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

**ZONAL LUMEN SUMMARY**

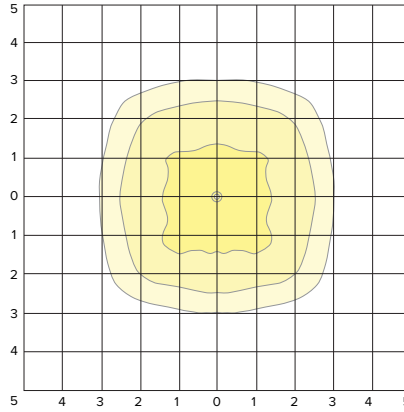
Zone	Lumens	% Luminaire
Downward Street Side	1594	50.5%
Downward House Side	1563	49.5%
Downward Total	3157	100.0%
Upward Street Side	0	0.0%
Upward House Side	0	0.0%
Upward Total	0	0.0%
Total Flux	3157	100%

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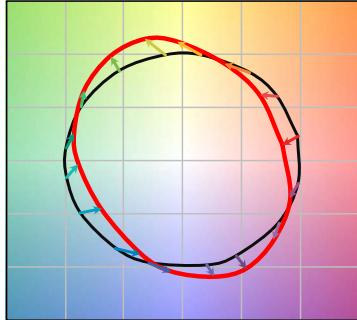
CATALOG #: \_\_\_\_\_

**ISOFOOT CANDLE PLOT**



**TM-30 DATA**

**COLOR VECTOR GRAPHIC**

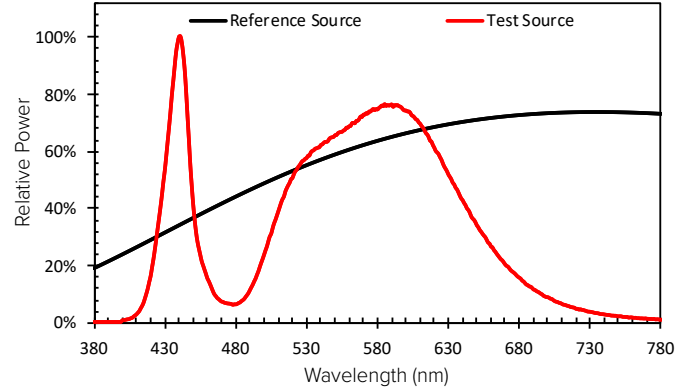


— Reference Illuminant — Test Source

**TEST SOURCE**

R <sub>f</sub>	68
R <sub>g</sub>	99
CCT(K)	3947
D <sub>uv</sub>	0.0004
x	0.3831
y	0.3793
CIE R <sub>a</sub>	72

**SPECTRAL POWER DISTRIBUTION COMPARISON**



**ELECTRICAL DATA**

Configuration	Ordering Code	LED Drive mA	System Watts	Electrical Characteristics										Dimming			
				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