

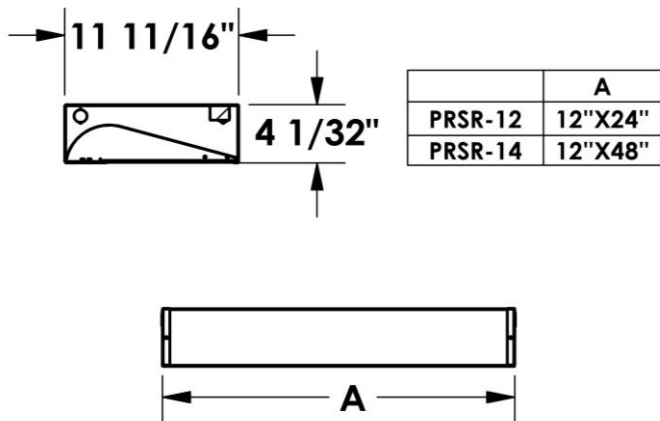
PROJECT:

NOTES:

ORDERING INFORMATION:

**EXAMPLE** PRSR - 14 - LED - 60 - 40 - A0 - MVOLT - DIM  
 SERIES    NOM. LENGTH    SOURCE    LUMENS    KELVINS    LENS    VOLTAGE    DRIVER

SHOP DRAWINGS



ORDERING INFORMATION

<b>SERIES</b>	PRSR	<b>KELVIN</b>	30 3000K 35 3500K 40 4000K 50 5000K TW Tunable White
<b>NOMINAL LENGTH</b>	12 12"x 24" 14 12"x 48"	<b>LENS</b>	A0 Acrylic K12 - 0.95" (standard) A1 Acrylic K12 - 0.125" H1 White Opal 00 None
<b>SOURCE</b>	LED	<b>VOLTAGE</b>	MVOLT 120-277V 347 347V

<b>LUMENS</b>	<b>DRIVER</b>																					
<table border="1"> <thead> <tr> <th>Lumen Package*</th> <th>Nom. Lumens</th> <th>Wattage</th> </tr> </thead> <tbody> <tr> <td colspan="3">12" x 24"</td> </tr> <tr> <td>20</td> <td>2,000</td> <td>16</td> </tr> <tr> <td>30</td> <td>3,000</td> <td>24</td> </tr> <tr> <td colspan="3">12" x 48"</td> </tr> <tr> <td>30</td> <td>3,000</td> <td>23</td> </tr> <tr> <td>40</td> <td>4,000</td> <td>31</td> </tr> </tbody> </table>	Lumen Package*	Nom. Lumens	Wattage	12" x 24"			20	2,000	16	30	3,000	24	12" x 48"			30	3,000	23	40	4,000	31	BLANK Non-dimming applications DIM Dimming applications
Lumen Package*	Nom. Lumens	Wattage																				
12" x 24"																						
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40	4,000	31																				

FEATURES

- > Specification grade recessed wall washer luminaire
- > Ideal for illuminating wall mounted displays
- > This luminaire eliminates cave effect and scalloping
- > Curved reflector delivers smooth uniform illumination along entire wall
- > Designed for lay-in grid ceiling systems
- > Minimum 80 CRI; color range 3000K - 5000K available
- > Tunable White option available
- > Multiple dimming protocols available
- > Variety of lenses available for smooth and uniform illumination
- > Efficacies up to 134 lm/W
- > 100% made in Canada

APPLICATIONS

- > Classrooms
- > Retail Stores
- > Supermarkets
- > Displays
- > Commercial Applications

Nominal lumen output based on 4000 CCT.  
 May vary +/-5%. See fixture performance data.

\*Other lumen packages available. Specify in increments of 100 nominal lumens.

For example, to specify 4,700 nominal lumens:

PRSR - [...] - 47 - [...]

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

**Housing**– Precision die-formed 22-gauge C.R.S.

**Finish** – Baked white enamel powder finish applied post production on all surfaces for smooth edges and safe handling.

**Electrical** – High quality mid-power LED boards. L85 >50,000 hours

**Mounting** – T-Bar ceiling

**Listings** –

■ cUL certified as luminaire suitable for dry or damp locations.

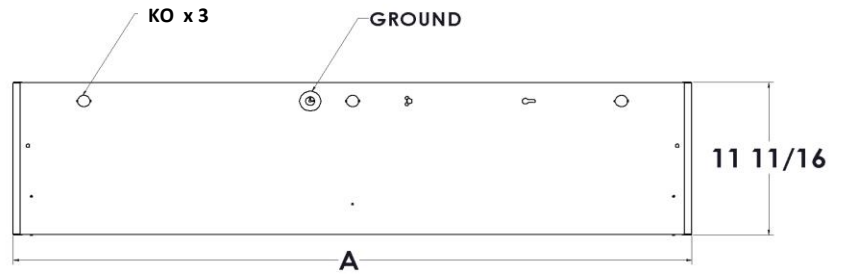
**Warranty** – 5-year limited warranty

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
12" x 24"			
20	2,038	16	127
30	3,055	24	128
12" x 48"			
30	3,083	23	134
40	4,119	31	133

\*Results based on 4000K, 80 CRI

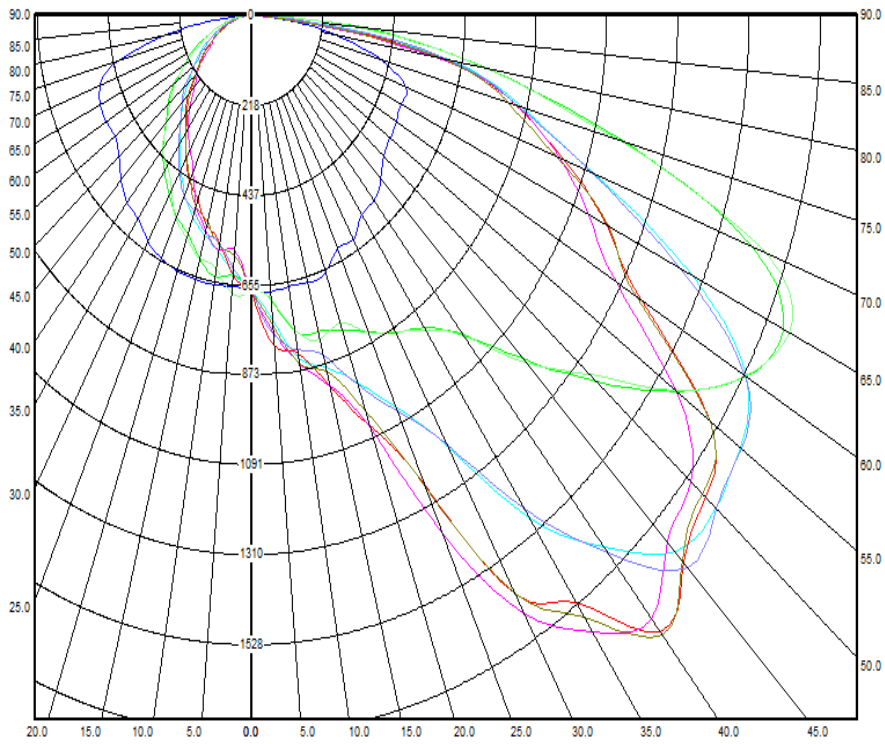
MULTIPLIER TABLE	
COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
3000K / 80 CRI	0.95
3500K / 80 CRI	0.97
4000K / 80 CRI	1
5000K / 80 CRI	1.03

FIXTURE DETAILS



PHOTOMETRY

PRSR-14-LED-40-40-MVOLT, Total luminaire output: 4,119 lumens, 31 watts



Spacing Criterion:

Two luminaires, plane 0°	1.36
Two luminaires, plane 90°	2.73
Four luminaires	2.14

Candela Distribution

	0.00°	22.50°	45.00°	67.50°	90.00°	112.50°	135.00°	157.50°	180.00°	202.50°	225.00°	247.50°	270.00°	292.50°	315.00°	337.50°	360.00°
0.00°	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82	663.82
5.00°	672.23	688.84	739.89	802.81	767.68	751.96	774.97	689.59	658.77	632.10	626.55	631.59	571.35	583.90	616.02	677.04	672.23
10.00°	665.16	777.35	843.51	831.12	856.91	856.29	822.10	774.89	662.45	641.93	581.30	557.74	576.76	565.08	558.93	621.45	665.16
15.00°	669.57	793.90	881.35	935.34	931.32	893.80	853.09	810.73	662.31	609.83	551.28	524.87	537.18	518.22	544.78	609.57	669.57
20.00°	662.90	810.55	951.99	1,059.01	1,069.14	1,022.93	956.10	793.93	659.41	564.30	520.86	476.61	491.03	492.93	505.99	575.61	662.90
25.00°	623.32	845.83	1,050.76	1,260.91	1,388.34	1,266.99	1,060.90	845.59	648.90	539.55	479.67	444.56	420.59	441.22	484.14	543.97	623.32
30.00°	624.89	886.77	1,212.31	1,626.83	1,676.97	1,625.18	1,207.11	884.62	632.03	502.75	431.20	398.94	373.84	397.09	437.85	488.98	624.89
35.00°	589.38	923.68	1,492.76	1,740.43	1,828.36	1,783.61	1,463.70	929.31	601.44	462.57	382.87	348.11	338.42	347.37	385.61	446.41	589.38
40.00°	585.74	1,010.18	1,685.81	1,953.69	1,913.88	1,964.46	1,705.70	1,013.41	592.09	420.80	336.09	309.79	293.01	306.03	337.63	421.63	585.74
45.00°	559.64	1,175.45	1,840.93	1,878.16	1,806.59	1,871.14	1,896.25	1,187.51	562.48	369.28	294.23	274.28	245.96	265.26	299.01	366.24	559.64
50.00°	528.81	1,385.77	1,861.68	1,822.00	1,763.36	1,807.75	1,862.79	1,357.03	529.28	332.78	254.59	218.52	213.02	220.28	266.34	325.56	528.81
55.00°	518.73	1,592.99	1,832.12	1,718.69	1,593.04	1,719.94	1,836.04	1,588.74	509.42	286.79	214.98	188.19	175.81	183.68	212.30	281.88	518.73
60.00°	513.24	1,753.83	1,754.04	1,385.96	1,294.48	1,367.61	1,752.28	1,750.05	513.71	233.89	183.50	156.60	142.70	151.27	172.55	231.79	513.24
65.00°	507.66	1,800.18	1,499.48	1,207.14	1,145.27	1,213.16	1,457.63	1,819.72	509.28	195.65	147.42	120.42	119.30	121.87	141.97	183.84	507.66
70.00°	504.45	1,636.15	1,121.58	1,025.72	1,008.46	999.55	1,112.67	1,679.73	491.88	138.77	105.05	97.33	90.88	90.58	112.68	136.66	504.45
75.00°	403.78	1,194.11	859.82	839.85	847.33	812.02	844.70	1,167.42	420.57	97.17	80.48	70.61	65.65	75.01	80.17	98.78	403.78
80.00°	249.13	722.49	612.36	588.72	561.51	592.08	608.89	727.93	252.64	60.85	50.95	46.91	44.37	45.62	49.57	62.25	249.13
85.00°	108.16	342.63	193.99	118.91	97.40	116.22	189.69	348.74	110.03	27.15	20.75	20.36	20.87	20.29	23.57	29.71	108.16
90.00°	6.64	7.31	3.70	3.46	2.91	3.51	2.89	7.05	6.95	2.81	2.75	1.60	1.62	1.29	1.42	1.76	6.64
95.00°	0.04	0.27	0.16	0.13	0.21	0.05	0.10	0.04	0.02	0.08	0.05	0.04	0.08	0.02	0.20	0.03	0.04
100.00°	0.07	0.19	0.13	0.16	0.19	0.32	0.44	0.10	0.08	0.14	0.07	0.04	0.04	0.07	0.10	0.13	0.07
105.00°	0.66	0.29	0.12	0.04	0.06	0.13	0.24	0.17	0.18	0.21	0.05	0.28	0.20	0.26	0.20	0.23	0.66
110.00°	0.34	0.20	0.07	0.26	0.10	0.18	0.13	0.16	0.20	0.21	0.25	0.12	0.24	0.12	0.18	0.25	0.34
115.00°	0.44	0.31	0.16	0.09	0.17	0.22	0.20	0.23	0.57	0.22	0.28	0.23	0.18	0.42	0.22	0.28	0.44
120.00°	0.57	0.32	0.30	0.27	0.28	0.22	0.28	0.46	0.37	0.48	0.46	0.40	0.31	0.31	0.17	0.28	0.57
125.00°	0.20	0.15	0.15	0.34	0.43	0.26	0.15	0.40	0.56	0.41	0.27	0.33	0.58	0.38	0.52	0.33	0.20
130.00°	0.32	0.34	0.33	0.27	0.42	0.33	0.35	0.45	0.24	0.43	0.36	0.29	0.41	0.47	0.54	0.56	0.32
135.00°	0.28	0.77	0.51	0.36	0.19	0.26	0.34	0.58	0.68	0.50	0.58	0.60	0.49	0.40	0.54	0.52	0.28
140.00°	0.42	0.64	0.53	0.28	0.12	0.46	0.24	0.44	0.67	1.03	0.53	0.54	0.71	0.57	0.47	0.24	0.42
145.00°	0.50	0.87	0.44	0.40	0.31	0.37	0.23	0.64	0.26	0.87	0.53	0.30	0.43	0.35	0.82	0.58	0.50
150.00°	0.47	1.01	0.91	0.65	0.15	0.75	0.53	1.11	0.68	0.32	0.36	0.43	0.43	0.67	0.45	0.37	0.47
155.00°	0.45	0.76	1.18	0.42	0.37	0.50	1.08	1.55	0.61	0.60	0.73	0.33	0.41	0.52	0.67	0.92	0.45
160.00°	0.39	0.76	2.20	0.51	0.37	0.98	1.41	0.67	0.56	0.59	0.37	0.71	0.53	0.28	0.98	0.25	0.39
165.00°	0.59	0.77	1.19	1.01	0.87	1.40	1.31	1.23	0.45	0.31	0.49	0.50	0.05	0.50	0.34	0.45	0.59
170.00°	0.84	0.69	0.80	1.63	0.57	1.30	0.74	1.10	0.67	1.18	0.15	0.74	0.55	0.29	0.18	0.46	0.84
175.00°	0.01	0.76	0.14	0.58	0.38	1.22	0.96	1.05	0.33	0.73	0.75	1.05	0.36	0.11	0.53	0.45	0.01
180.00°	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67

Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	69.76	1.69%
10.00° - 20.00°	201.77	4.90%
20.00° - 30.00°	361.60	8.78%
30.00° - 40.00°	554.69	13.47%
40.00° - 50.00°	717.81	17.43%
50.00° - 60.00°	797.29	19.36%
60.00° - 70.00°	743.27	18.04%
70.00° - 80.00°	518.96	12.60%
80.00° - 90.00°	151.03	3.67%
90.00° - 100.00°	1.08	0.03%
100.00° - 110.00°	0.20	0.00%
110.00° - 120.00°	0.26	0.01%
120.00° - 130.00°	0.32	0.01%
130.00° - 140.00°	0.35	0.01%
140.00° - 150.00°	0.32	0.01%
150.00° - 160.00°	0.31	0.01%
160.00° - 170.00°	0.20	0.00%
170.00° - 180.00°	0.06	0.00%
0.00° - 90.00°	4,116.18	99.92%
90.00° - 180.00°	3.10	0.08%
0.00° - 180.00°	4,119.28	100.00%

