

AEOVL

11" & 14" ROUND CEILING LUMINAIRES



STANDARDS



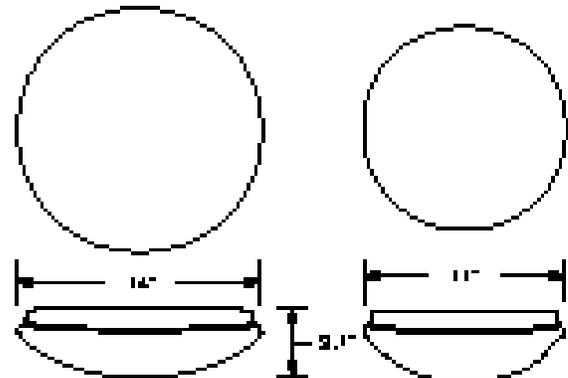
FEATURES

- Available in 3000k (warm white) and 4000k (neutral white) color temperature.
- Long-life LED provides up to 50,000 hours of operation with at least 70% of rated lumen output (L70).
- CRI90+ provides a range of 7,000 to 7,500 nominal lumens and 30 to 35 lumens per watt (lm/w).
- 120 VAC voltage (60Hz) is standard.
- Grad dimming down to 5% standard.
- Steel housing and PMMA lens.
- Power factor ≥ 0.95 .
- Total harmonic distortion $\leq 20\%$.
- Color rendering index ≥ 90 .
- Easy installation in any standard ceiling or retrofit.

WARRANTY & LISTINGS

- CE Marked for direct load in cool ambient temperature (from -20°C to 23°C / -4°F to 73°F).
- Energy Star qualified.
- Compliant with FCC Part 15, Class B.
- Compliant with IEC605 2000-4-3, surge immunity protected to 10,000V.
- RoHS compliant.
- 3-year warranty of all listed non-covered housing.

DIMENSIONS



Model	Diameter	Height	Weight
1EORP-11	11.0"	3.1"	1.3 lbs.
1EORP-14	14.0"	3.1"	1.9 lbs.

* Please refer to our website for more information on our products and services. www.aelnow.com (877) 271-1111 is also available.

ORDERING INFORMATION

Model	Color Temperature	
AEOVL 11	3K	5,000
AEOVL 14	4K	4,000

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ELECTRICAL DATA

Model	Color Temperature	CRI*	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage	Input Current (A)			Power Factor	THD†	L ₉₀ Hours‡
							200V	240V	310V			
AEOVL11-3K	3000K	> 90	1,200	70	31	120-277V	0.73	0.00	0.00	> 99%	< 0.8%	100,000
AEOVL11-5K	5000K	> 90	1,200	70	31	120-277V	0.73	0.00	0.00	> 99%	< 0.8%	100,000
AEOVL14-3K	3000K	> 90	1,800	78	38	120-277V	0.73	0.00	0.00	> 99%	< 0.8%	100,000
AEOVL14-5K	5000K	> 90	1,800	78	38	120-277V	0.73	0.00	0.00	> 99%	< 0.8%	100,000

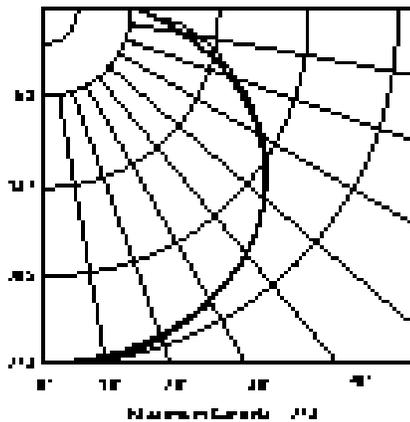
*Color rendering index

†Total harmonic distortion

‡L₉₀ refers to the number of hours at which lumen output declines to 90% of the initial level. L₉₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

AEOVL-3K (1,300 Lumens)



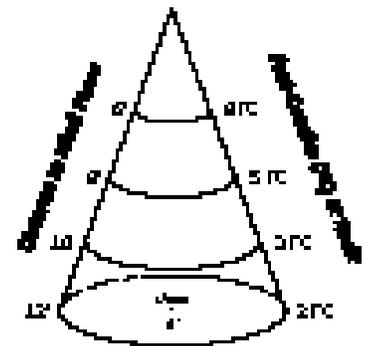
Candlepower Summary

Beam Angle	0'	50'
0°	270	270
10°	271	270
20°	266	269
30°	256	257
40°	241	240
50°	220	220
60°	192	192
70°	158	158
80°	110	110
90°	77	70

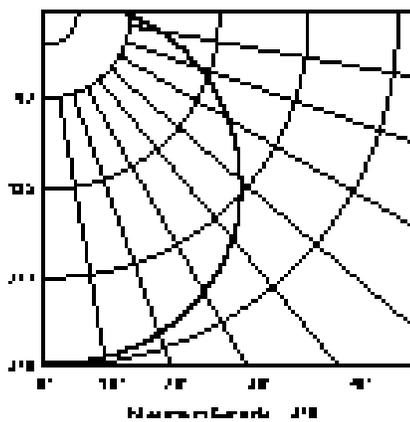
Zonal Lumen Summary

Zone	Lumens	%Down
0° - 10°	24	1.9%
0° - 20°	96	7.3%
0° - 30°	209	16.0%
0° - 40°	335	25.7%
0° - 50°	502	38.6%
0° - 60°	686	52.8%
0° - 70°	889	68.4%
0° - 80°	1094	84.2%
0° - 90°	1,300	100.0%
90° - 180°	209	16.0%
0° - 180°	1,500	100.0%

General Light



AEOVL14-3K (1,800 Lumens)



Candlepower Summary

Beam Angle	0'	50'
0°	369	369
10°	367	369
20°	365	367
30°	358	359
40°	349	349
50°	327	327
60°	290	290
70°	240	240
80°	170	170
90°	120	120

Zonal Lumen Summary

Zone	Lumens	%Down
0° - 10°	24	2.1%
0° - 20°	80	6.0%
0° - 30°	209	16.0%
0° - 40°	405	30.0%
0° - 50°	702	49.0%
0° - 60°	981	68.0%
0° - 70°	1,117	79.9%
0° - 80°	1,271	92.4%
0° - 90°	1,300	95.0%
90° - 180°	209	14.0%
0° - 180°	1,500	100.0%

General Light

