

DESCRIPTION

The premium-performance LA22 is a 2' x 2' LED center basket luminaire which achieves DLC Premium qualification due to its industry-leading lumens per watt (LPW). The LA22 is designed as a direct replacement for 2' x 2' fluorescent luminaires installed in grid ceilings. It is designed to deliver general ambient lighting in a variety of indoor settings, including schools, offices, hospitals and stores, and is the perfect choice for both new construction and retrofits. This high-efficacy luminaire provides long-life and uniform illumination, as well as standard 0-10VDC dimming capability, and can also provide path of egress emergency lighting (LEDEM).

SPECIFICATIONS

Construction:

- Steel housing in white finish
- LED engine is protected by a diffuse acrylic lens
- Housing fits in standard 2' x 2' grid ceilings (**Note:** Fixture is 24" long)
- Standard earthquake clips provide secure installation in grid ceiling

Optics/ LEDs:

- Available in 3000K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures
- Uniform illumination with no visible LED pixilation
- Color rendering index > 80
- Long-life LEDs provide 81,000 hours of operation with at least 70% of initial lumen output (L70)

Electrical:

- Universal 120-277VAC, 50/60Hz
- Power factor > 0.90
- Total harmonic distortion < 20%
- 0-10VDC dimming capability is standard

Installation:

- Easy installation in new construction or retrofit
- Ideal for mounting to any vertical surface and attaches to a 3" or 4" j-box
- Can be surface mounted using the 1/2" conduit entry point at top of housing
- Field installable battery packs available for emergency egress lighting
- Flange mounting kit for recessed drywall ceilings

Testing & Compliance:

- UL listed for damp location and insulated ceilings (IC-rated)
- DesignLights® Consortium (DLC) Premium qualified
- Complies with FCC Part 15, part B
- Complies with IEEE C.6241-1991, input transient protection (2.5kVA)
- Operating temperatures: -25°C to 50°C (-13°F to 122°F)

Warranty:

- 5 year warranty (terms and conditions apply)

Note: Environment and application will affect actual performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

Ordering Information (Example: LA22-30-5K)

Series	Wattage	Color Temperature (CCT)
LA22	30 = 30w	3K = 3000 Kelvin
		4K = 4000 Kelvin
		5K = 5000 Kelvin
Notes		
¹ Order as separate line item		
² See table on the back for battery pack emergency egress lumen output		

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____



Specs at a Glance			
Wattage (w)	30 (nominal)		
CRI	>80		
CCT	3000K	4000K	5000K
Lumens (lm)	3,709	3,766	3,823
Efficacy (LPW)	124	126	128
Optics	Diffuse acrylic lens		
Input Voltage	120-277VAC, 50/60Hz		
Warranty	5 Years		
Certifications	UL Listed for Damp Location & IC-Rated, DLC Premium, FCC class B		
Operating Temp	-25°C to 50°C (-13°F to 122°F)		

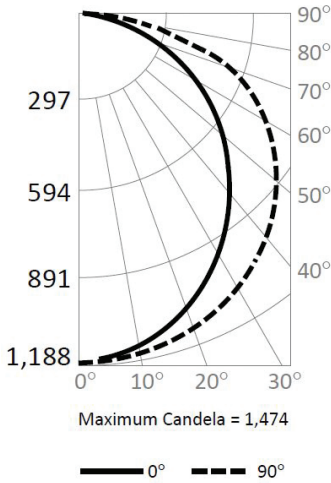
Accessories ¹ (Field Installed)
LEDEM-5W ² = 5 Watt battery pack for emergency egress
LEDEM-7W ² = 7 Watt battery pack for emergency egress
LEDEM-10W ² = 10 Watt battery pack for emergency egress
LEDEM-13W ² = 13 Watt battery pack for emergency egress
LEDEM-17W ² = 17 Watt battery pack for emergency egress
LP22-FMK = Flange mounting kit

Lumen Output Summary for LEDEM Battery Pack Accessories

Series	Lumens (lm)	Wattage (w)	LEDEM-5W Lumens (lm) Wattage (w)	LEDEM-7W Lumens (lm) Wattage (w)	LEDEM-10W Lumens (lm) Wattage (w)	LEDEM-13W Lumens (lm) Wattage (w)	LEDEM-17W Lumens (lm) Wattage (w)
LA22-30-3K	3,709	30	539	755	1,079	1,402	1,834
LA22-30-4K	3,766		548	767	1,096	1,425	1,863
LA22-30-5K	3,823		557	780	1,114	1,448	1,893

Sample Photometry

(Example: LA22-30-5K)



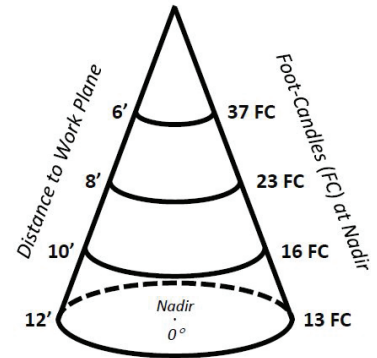
Candlepower Summary

	0°	90°
0°	1,180	1,180
10°	1,171	1,164
20°	1,132	1,099
30°	1,067	995
40°	976	854
50°	868	690
60°	736	508
70°	565	315
80°	193	133
90°	0	0

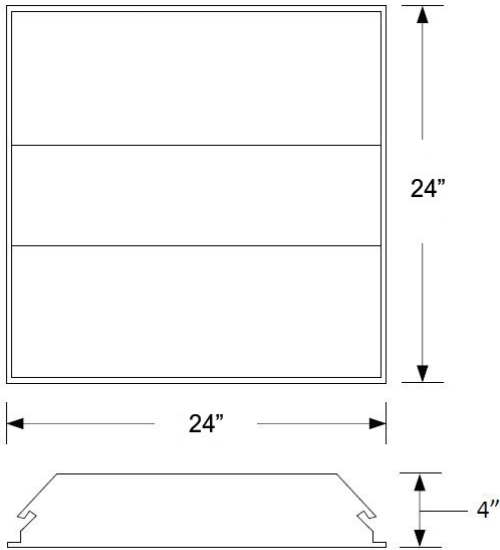
Zonal Lumen Summary

Zone	Lumens	% Fixture
0° – 10°	116	3.0%
0° – 20°	450	11.8%
0° – 30°	959	25.1%
0° – 40°	1,582	41.4%
0° – 50°	2,246	58.8%
0° – 60°	2,878	75.3%
0° – 70°	3,408	89.1%
0° – 80°	3,744	97.9%
0° – 90°	3,823	100.0%
90° – 180°	0	0%
0° – 180°	3,823	100.0%

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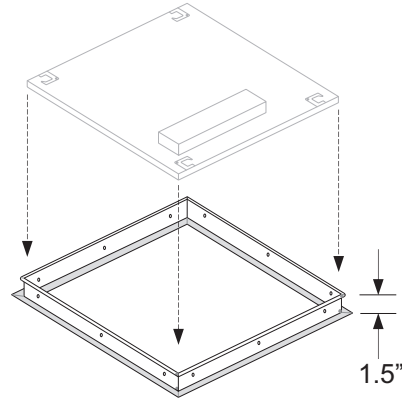


Dimensions



Weight: 8.4 lbs.

LP22-FMK = Flange mounting kit



Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.