FXLED200TNW/D10/LC

RAB®

Project:	Type:
Prepared By:	Date:

Ultra high output, high efficiency LED floodlight with NEMA Types: 7H x 6V, 6H x 4V, 4H x 6V, 5H x 5V and 3H x 3V. patent-pending "Air-Flow" technology ensures long LED and driver lifespan. Use for general and security lighting for large areas, building façades, signs and landscapes. Includes built in support for Lightcloud, RAB's commercial wireless lighting control system. Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

Color: White   Weight: 66.1 lbs

Driver Info

Type	Constant Current
120V	1.72A
208V	1.03A
240V	0.89A
277V	0.77A
Input Watts	205.7W

LED Info

Watts	200W
Color Temp	4000K (Neutral)
Color Accuracy	75 CRI
L70 Lifespan	100,000 Hours
Lumens	31,904 lm
Efficacy	155.1 lm/W

Technical Specifications

Lightcloud

Lightcloud Controller Installed:
Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel. Learn more about Lightcloud.

Compliance

UL Listed:
Suitable for wet locations. Suitable for ground mounting.

IP Rating:
Ingress protection rating of IP66 for dust and water

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Optical

NEMA Type:
NEMA Beam Spread of 7H x 6V

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:
Equivalent to 750W Metal Halide

LED Characteristics

LEDs:
Multip-chip, high-output, long-life LEDs

Color Consistency:
3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

Effective Projected Area:
EPA = 4

Cold Weather Starting:
The minimum starting temperature is -40°C (-40°F)

Thermal Management:
Superior thermal management with external "Air-Flow" fins

Lens:
Tempered glass lens

Housing:
Die-cast aluminum housing and door frame

Mounting:
Heavy-duty Trunnion mount with stainless steel hardware

Reflector:
Specular and semi-specular vacuum-metalized polycarbonate

Gaskets:
High-temperature silicone gaskets

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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Technical Specifications (continued)

Other

Note:
All values are typical (tolerance +/- 10%)

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Replacement:
Replaces 1000W Metal Halide

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Electrical

Drivers:
Constant Current, 700mA, 50/60 Hz, 120-277V, 4 kV surge protection, 120V: 1.72A, 208V: 1.03A, 240V: 0.89A, 277V: 0.277A, THD <20%, Power Factor: 99%

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.
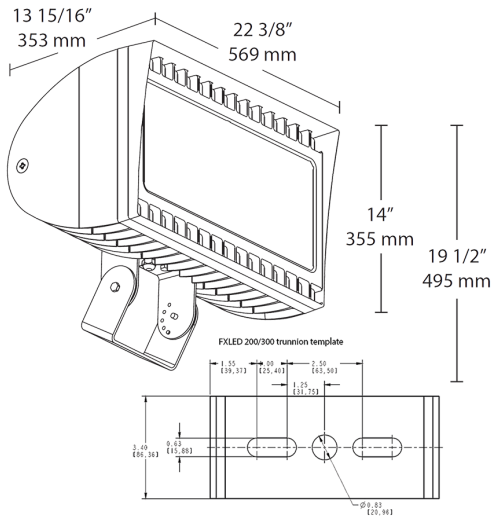
THD:
4.21% at 120V, 7.61% at 277V

Power Factor:
99.9% at 120V, 95.7% at 277V

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Dimensions

13 15/16"
353 mm

22 3/8"
569 mm

14"
355 mm

19 1/2"
495 mm

FXLED 200/300 trunnion template

Features

200W replaces 400 MH floodlights

100,000-hour LED lifespan

5-Year, No-Compromise Fixture Warranty and 10-Year, No-Compromise Lightcloud Warranty

Built in support Lightcloud™

Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

Ordering Matrix

Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver Options	Options	Other Options
FXLED	200	T	N		W	/D10	/LC	
	300 = 300W **200 =** 200W	**SF =** Slipfitter **T =** Trunnion	**Blank =** 5000K Cool **N =** 4000K Neutral **Y =** 3000K Warm	**Blank =** 7H x 6V **B64 =** 6H x 4V **B55 =** 5H x 5V **B33 =** 3H x 3V **B46 =** 4H x 6V	**W =** White **Blank =** Bronze	**Blank =** 120-277V **/480 =** 480V **/BL =** Bi-Level - Slipfitters only [1] **/D10 =** 0-10V Dimming	**Blank =** No option **/PCS =** 120V Swivel **/PCS2 =** 277V Swivel **/PCT =** 120-277V Twistlock **/PCT4 =** 480V Twistlock **/PCS4 =** 480V Swivel **/LC =** Lightcloud Controller	**Blank =** Standard **USA =** BAA Compliant

[1] *Slipfitter models only*