FFLED26TNW/D10

RAB | Outdoor

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.24A
208V	0.15A
240V	0.13A
277V	0.11A
Input Watts	28.5W

LED Info

Watts	26W
Color Temp	4000K (Neutral)
Color Accuracy	71 CRI
L70 Lifespan	100,000
Lumens	4,061
Efficacy	142.5 LPW

Rectangular shaped LED floodlight designed to replace 100W Metal Halide. patent-pending "Air-Flow" technology ensures long LED and driver lifespan. Use for building fa?ades lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: White   Weight: 14.2 lbs

Technical Specifications

Listings

UL Listing:

Suitable For Wet Locations. Suitable for mounting within 1.2M(4FT) of the ground.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: PHSUFVYJ

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.

LED Characteristics

Lifespan:

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

Note:

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

LEDs:

Multi-chip 26W high output long life LED

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 CCT over a 5-year period

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Ambient Temperature:

Suitable For use in 40°C (104°F)

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Thermal Management Housing:

Superior heat sinking with external Air-Flow fins

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Threaded Size:

1/2" threaded arm

Mounting:

Heavy-duty Trunnion mount with stainless steel hardware

Effective Projected Area:

EPA = 0.65

Reflector:

Specular polycarbonate

Gaskets:

High-temperature silicone gaskets

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Technical Specifications (continued)

Construction

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Optical

NEMA Type:

NEMA Beam Spread of 7H x 6V

Other

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 www.rablighting.com/legal#warranty

Patents:

The FFLED design is protected by U.S. Pat. D643,147, Canada Pat. 140798, China Pat. ZL201130171304.1, Mexico Pat. 36757 and pending patent in Taiwan.

Equivalency:

Equivalent to 100W Metal Halide
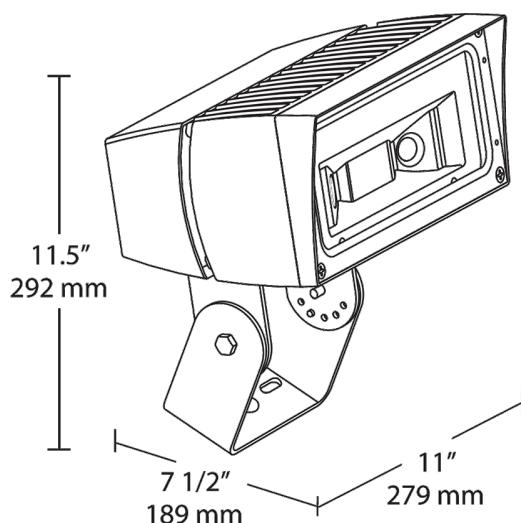
Buy American Act Compliance:

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

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 120V: 0.24A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A.

Dimensions

11.5"
292 mm

7 1/2"
189 mm

11"
279 mm

Features

Ultra-efficient LED and optical design

Replaces 100W MH floodlights

100,000-hour life based on LM-80 results and TM-21 calculations

"Air-Flow" technology heatsink

5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver	Photocell Options	Other Options
FFLED	26	T	N		W	/D10		
	18 = 18W	**Blank =** Swivel Arm	**Blank =** 5000K (Cool)	**Blank =** 7H x 6V	**Blank =** Bronze	**Blank =** On/Off	**Blank =** No Option	**USA =** BAA Compliant
	26 = 26W	**SF =** Slipfitter	**N =** 4000K (Neutral)	**B55 =** 5H x 5V	**W =** White	**/D10 =** 0-10V Dimming	**/PC =** 120V Photocell	**Blank =** Standard
	39 = 39W	**T =** Trunnion	**Y =** 3000K (Warm)	**B44 =** 4H x 4V		**/480 =** 480V On/Off (not available for 80W models)	**/PC2 =** 277V Photocell	
	52 = 52W						**/PCS =** 120V Swivel Photocell	
	80 = 80W						**/PCS2 =** 277V Swivel Photocell	
							/PCS4 = 480V Swivel Photocell	

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

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