FXLED150T

RAB Outdoor



Color: Bronze

Weight: 27.1 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	1.31A
208V:	0.80A
240V:	0.69A
277V:	0.60A
Input Watts:	154W
Efficiency:	97%

LED Info

Watts:	150W
Color Temp:	5000K (Cool)
Color Accuracy:	72 CRI
L70 Lifespan:	100,000
Lumens:	18,755
Efficacy:	122 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for ground mounting.

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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P0000173K

Electrical

THD:

4.9% at 120V, 13.9% at 277V

Power Factor:

99.5% at 120V, 93.7% at 277V

Driver:

One Driver, Constant Current, Class 2, 2100mA 100-277V, 50-60Hz, Power Factor 99%

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:

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

Color Consistency:

7-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 Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Effective Projected Area:

EPA = 2

Cold Weather Starting:

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, 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.

Optical

NEMA Type:

NEMA Beam Spread of 6H x 6V

Sensor Characteristics

Field & Beam Angles:

Horizontal Beam Angle (50%): 91.8°, Vertical Beam Angle (50%): 73.5° Horizontal Field Angle (10%): 121.0°, Vertical Field Angle (10%): 108.0°

Copyright © 2018 RAB Lighting Inc. All Rights Reserved Note: Specifications are subject to change at any time without notice

Technical Specifications (continued)

Other

Patents:

The design of FXLED150 is protected by patents pending in US, Canada, China, Taiwan and Mexico

Equivalency:

Equivalent to 400W 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.

Dimensions



Features

- 66% energy cost savings vs. HID
- NEMA Type - 6H x 6V
- Air-Flow technology heat dissipation
- 100,000-hour LED lifespan
- 5-year warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Options	Other Option
FXLED	150	T	^	^	^	^	^
	78 = 78W **105** = 105W **125** = 125W **150** = 150W	**SF** = Slipfitter **T** = Trunnion	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **Y** = 3000K (Warm)	**Blank** = Bronze **W** = White	**Blank** = Standard **/D10** = 0-10V Dimming **/BL** = Bi-Level **/480** = 480V	**Blank** = No Option **/LC** = Lightcloud Control **/PCT** = 100-277V Twistlock **/PCT4** = 480V Twistlock	**Blank** = Standard **USA** = BAA Compliant

Copyright © 2018 RAB Lighting Inc. All Rights Reserved Note: Specifications are subject to change at any time without notice

FXLED150T

RAB Outdoor



Color: Bronze

Weight: 27.1 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	1.31A
208V:	0.80A
240V:	0.69A
277V:	0.60A
Input Watts:	154W
Efficiency:	97%

LED Info

Watts:	150W
Color Temp:	5000K (Cool)
Color Accuracy:	72 CRI
L70 Lifespan:	100,000
Lumens:	18,755
Efficacy:	122 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for ground mounting.

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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: P0000173K

Electrical

THD:

4.9% at 120V, 13.9% at 277V

Power Factor:

99.5% at 120V, 93.7% at 277V

Driver:

One Driver, Constant Current, Class 2, 2100mA 100-277V, 50-60Hz, Power Factor 99%

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:

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

Color Consistency:

7-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 Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Effective Projected Area:

EPA = 2

Cold Weather Starting:

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, 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.

Optical

NEMA Type:

NEMA Beam Spread of 6H x 6V

Sensor Characteristics

Field & Beam Angles:

Horizontal Beam Angle (50%): 91.8°, Vertical Beam Angle (50%): 73.5° Horizontal Field Angle (10%): 121.0°, Vertical Field Angle (10%): 108.0°

Copyright © 2018 RAB Lighting Inc. All Rights Reserved Note: Specifications are subject to change at any time without notice

Technical Specifications (continued)

Other

Patents:

The design of FXLED150 is protected by patents pending in US, Canada, China, Taiwan and Mexico

Equivalency:

Equivalent to 400W 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.

Dimensions



Features

- 66% energy cost savings vs. HID
- NEMA Type - 6H x 6V
- Air-Flow technology heat dissipation
- 100,000-hour LED lifespan
- 5-year warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Options	Other Option
FXLED	150	T	^	^	^	^	^
	78 = 78W **105** = 105W **125** = 125W **150** = 150W	**SF** = Slipfitter **T** = Trunnion	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **Y** = 3000K (Warm)	**Blank** = Bronze **W** = White	**Blank** = Standard **/D10** = 0-10V Dimming **/BL** = Bi-Level **/480** = 480V	**Blank** = No Option **/LC** = Lightcloud Control **/PCT** = 100-277V Twistlock **/PCT4** = 480V Twistlock	**Blank** = Standard **USA** = BAA Compliant

Copyright © 2018 RAB Lighting Inc. All Rights Reserved Note: Specifications are subject to change at any time without notice