FXLED105SFN/BL

RAB

Color: Bronze   Weight: 27.7 lbs

Project: _____   Type: _____

Prepared By: _____   Date: _____

Driver Info

Type	Constant Current
120V	0.92A
208V	0.53A
240V	0.46A
277V	0.40A
Input Watts	110.8W

LED Info

Watts	105W
Color Temp	4000K (Neutral)
Color Accuracy	74 CRI
L70 Lifespan	100,000 Hours
Lumens	14,294 lm
Efficacy	129 lm/W

Technical Specifications

Other

Bi-Level Operation:
Allows 50% and 100% output modes

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.

Patents:
The design of FXLED105 is protected by patents pending in US, Canada, China, Taiwan and Mexico

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.

Compliance

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

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

Performance

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

Wattage Equivalency:
Replaces 320W Metal Halide

Construction

EPA:
2

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

Effective Projected Area:
EPA = 2

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 slipfitter for 2 3/8"OD pipe

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.

Tilt Increment:
Rotates in 6 degree increments

LED Characteristics

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

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

Copyright © 2023 RAB Lighting All Rights Reserved   Note: Specifications are subject to change at any time without notice

Page 1 of 3

Technical Specifications (continued)

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.

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

Sensor Specifications
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°

Electrical
Drivers:
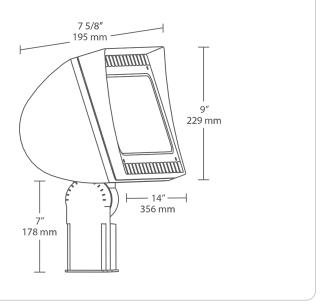Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, Power Factor 99%

THD:
2.81% at 120V, 6.47% at 277V

Power Factor:
99.8% at 120V, 95.1% at 277V

Dimensions

7 5/8"
195 mm

9"
229 mm

14"
356 mm

7"
178 mm

Features

- 66% energy cost savings vs. HID
- NEMA Type - 6H x 6V
- "Air-Flow" technology heat dissipation
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

FXLED105SFN/BL

RAB

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Options	Other Option
FXLED	105	SF	N		/BL		

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

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

Copyright © 2023 RAB Lighting All Rights Reserved   Note: Specifications are subject to change at any time without notice

Page 3 of 3