

NFLIN-R815

8" Round FLIN High Lumen Recessed LED

Source: 20W

1900lm

PRODUCT DESCRIPTION

Thin recessed LED designed for easy installation into new construction or remodel applications. Luminaire includes a quick connect that allows the junction box to easily disconnect and mounted in the ceiling. Junction box measures under 2" for shallow plenum ceilings where access above the ceiling is limited.

FEATURES

- Thin construction measures under 2" height
- Special polymer lens
- IC Air-Tight rated
- Quick disconnect allows for easy installation
- Driver is potted for quiet dimming and cooler operation
- Triac or ELV dimming
- cULus Listed for Wet Locations
- 5-year limited warranty

SPECIFICATION

Construction: Thin die-cast aluminum construction measures 1.25" in height (LE4 measures 1.625" thick)

Lens: Regressed lens with sharp baffle cuts reduces aperture brightness. Special polymer lens produces more usable light and lumens per watt.

Driver: Electronic potted driver for quiet dimming and cool operation.

Junction Box: Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes four knockouts and snap on cover with 22" connector length. Through branch circuit wiring, (2-in, 2-out).

Maximum length between luminaire and driver is 40'. For longer remote driver remote run length, consult factory.

Mounting: No housing is required, two tensions steel spring clips secure luminaires to the ceiling. LE3 luminaires accept ceiling thicknesses from 3/8" to 5/16". New construction frame-in kits are available, see accessories.

Minimum clearance: "IC" Insulated ceiling housings are direct contact rated; no minimum clearance is required. Air-tight gasket provided.

ELECTRICAL

Input Voltage: 120VAC

Lumens / Wattage: 1900lm / 20W

Color Temperature: 3500K or 5000K

Color Rendering Index: 90+CRI

Operating Temperature: 0°C to 40°C

Dimming: Dimmable down to 10% with Triac or ELV dimmer

[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](#) in the "Compatibility" page under "Resources" tab

OPTIONAL ACCESSORIES

NFLIN-8R-F: New Construction Frame-In for 8" Round

NFLIN-EW-4: 4' Quick Connect Linkable Extension Cable

NFLIN-EW-20: 20' Quick Connect Linkable Extension Cable

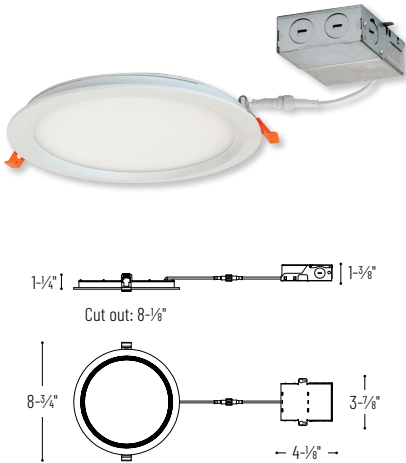
LABELS AND LISTINGS

- cULus Listed for Wet location
- Certified to the high efficacy requirements of California Title 24 JA8-2019
- [5-Year Limited Warranty](#)
- FCC Compliant



Type
Project
Catalog No.
Notes

PRODUCT IMAGES AND DIMENSIONS



8" Round FLIN High Lumen Recessed LED

Description
NFLIN-R81535WWLE3 = 1900lm / 20W / 3500K / 120V input; Triac or ELV dimming
NFLIN-R81550WWLE3 = 1900lm / 20W / 5000K / 120V input; Triac or ELV dimming

Optional Accessories

Description
NFLIN-8R-F = New Construction Frame-In for 8" Round
NFLIN-EW-4 = 4' Quick Connect Extension Cable
NFLIN-EW-20 = 20' Quick Connect Extension Cable

Example: NFLIN-R81550WWLE3 = 8" Round FLIN, 1900lm / 20W, 5000K, White finish, 120V input

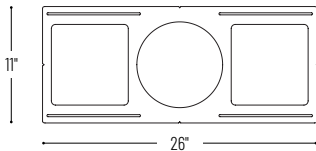
NFLIN-R8
8" Round FLIN High Lumen Recessed LED Accessories

Type	
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New Construction Frame-In for 8"

NFLIN-8R-F Round
For new construction pre-wiring and easier layout planning.



Quick Connect Extension Cables

NFLIN-EW-4 4'
NFLIN-EW-20 20'
Use to extend the length between luminaire and driver box. Can be connected together to create custom lengths. Maximum length between luminaire and driver is 40'. For longer remote driver remote run length, consult factory.

Photometrics

8" FLIN Series

Source: 20W or 33W

1900lm or 2350lm

Type

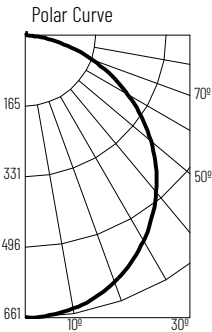
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Test Information

Test Number: NTR11327R1
Part Number: NFLIN-R81530LE3
Lumens: 1862lm
Wattage: 18.9W
Efficacy: 99lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180): 1.26
Spacing Criteria (90°-270): 1.26



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	41.3fc	11'-7"
6'	18.3fc	17'-5"
8'	10.3fc	23'-2"
10'	6.6fc	28'-11"
12'	4.6fc	34'-8"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	512	27.5
0-40	837	45
0-60	1469	78.9
0-90	1843	99
90-180	19	1
0-180	1862	100

Candela Table

Vertical Angles	Candela
0	660
5	657
15	634
25	587
35	519
45	434