

NEFLINTW-S4MPW

4" E-Series FLIN Square LED Downlight with Selectable CCT

Source: 10.5W
Up to 650lm

PRODUCT DESCRIPTION

E-Series FLIN is a thin recessed LED designed for easy installation into new construction or remodel applications. Luminaires include a selectable color temperature switch located on the junction box of each luminaire with a quick connect that allows for easy disconnect and mounting in the ceiling.

FEATURES

- No housing required and includes junction box with class 2 driver
- Quick installation and cost savings
- Junction box includes kelvin temperature switch
- IC Air-Tight rated
- Field selectable color temperature
- Triac or ELV dimming
- cETLus Listed for Wet Locations
- 5-year limited warranty

SPECIFICATION

Construction: Die-cast aluminum luminaire with spring clips for easy installation. Gasket included for air-tight and wet location listing without additional caulking.

Air Flow Restriction: Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM E283 Air-Tight requirements.

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

Junction Box: Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes two 1/2" trade size and two 3/8" trade size knockouts and snap on cover. Maximum of 4 No. 12 AWG through branch circuit conductor suitable for 90°C permitted in box. [Fixture wire length: 5" and Junction box wire length: 9"]

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

Minimum clearance: "IC" Insulated ceiling housings are direct contact rated; no minimum clearance is required.

ELECTRICAL

Voltage: 120VAC or 120-277VAC
Lumens / Wattage: Up to 650lm / 10.5W
Color Temperature: Selectable CCT (2700K / 3000K / 3500K / 4000K / 5000K)
Color Rendering Index: 90+ CRI
Beam Spread: 114° Wide Flood
Operating Temperature: 0°C to 35°C
Lifetime: 50,000 hours @ L70

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

- [NFP-S425:](#) New Construction Plate
- [NEFLINTW-EW-4:](#) 4' Quick Connect Linkable Cable
- [NEFLINTW-EW-20:](#) 20' Quick Connect Linkable Cable

LABELS AND LISTINGS

- cETLus Listed for Wet location
- ENERGY STAR certified
- Certified to the high efficacy requirements of California Title 24 JA8-2022
- [5-Year Limited Warranty](#)
- FCC Compliant



Type

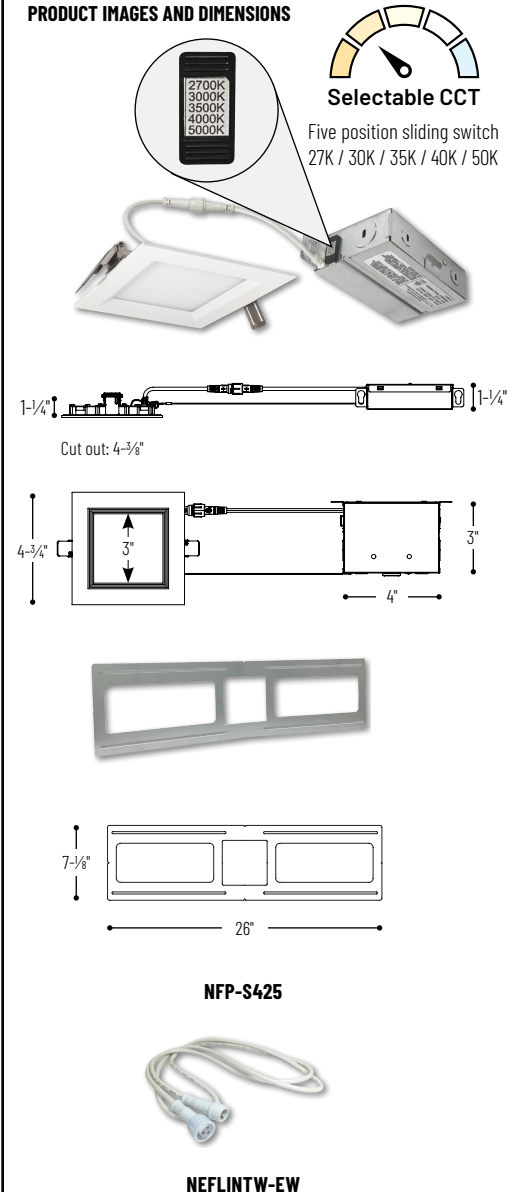
Project

Catalog No.

Notes

Performance Data		
Part Number	Lumens	CCT
NEFLINTW-S4MPW	588lm	2700K
NEFLINTW-S4MPW	616lm	3000K
NEFLINTW-S4MPW	644lm	3500K
NEFLINTW-S4MPW	657lm	4000K
NEFLINTW-S4MPW	658lm	5000K

PRODUCT IMAGES AND DIMENSIONS



4" E-Series FLIN Square LED Downlight with Selectable CCT

Input Voltage

- NEFLINTW-S4MPW = 120V input
- NEFLINTW-S4MPWLE4 = 120-277V input

Optional Accessories

Description

- NFP-S425** = New Construction Plate
- NEFLINTW-EW-4** = 4' Quick Connect Extension Cable
- NEFLINTW-EW-20** = 20' Quick Connect Extension Cable

Example: NEFLINTW-S4MPW = 4" E-Series FLIN Square LED Downlight, Selectable CCT (2700K / 3000K / 3500K / 4000K / 5000K), Matte Powder White finish, 120V input

PHOTOMETRICS

4" E-Series FLIN Square LED Downlight with Selectable CCT

Type

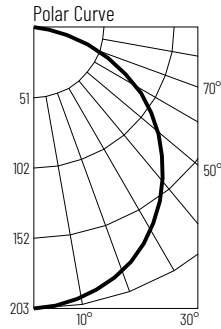
Project

Catalog No.

Notes

Test Information

Test Number: NTR1928R2
 Part Number: NEFLINTW-S4MPW
 Beam Spread: 114° Wide Flood
 Lumens: 588lm
 Wattage: 10.11W
 Efficacy: 58lpw
 CCT / CRI: 2700K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	12.7fc	12"-6"
6'	5.6fc	18"-10"
8'	3.2fc	25"-1"
10'	2fc	31"-4"
12'	1.4fc	37"-7"

Zonal Lumen Summary

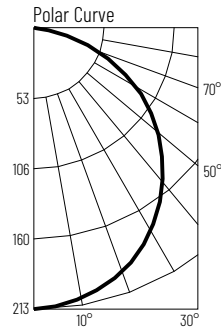
Zone	Lumens	% Luminaire
0-30	131	22.2
0-40	218	37.1
0-60	449	76.5
0-90	588	100
90-180	0	0
0-180	588	100

Candela Table

Vertical Angles	Candela
0	203
5	201
15	193
25	178
35	157
45	130

Test Information

Test Number: NTR1929R1
 Part Number: NEFLINTW-S4MPW
 Beam Spread: 114° Wide Flood
 Lumens: 616lm
 Wattage: 9.99W
 Efficacy: 62lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.26



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	13.3fc	12"-6"
6'	5.9fc	18"-8"
8'	3.3fc	25"
10'	2.1fc	31"-2"
12'	1.5fc	37"-5"

Zonal Lumen Summary

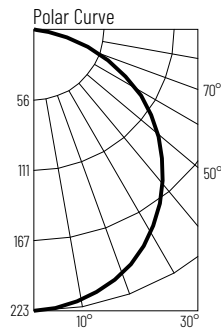
Zone	Lumens	% Luminaire
0-30	166	27
0-40	273	44.3
0-60	485	78.8
0-90	616	100
90-180	0	0
0-180	616	100

Candela Table

Vertical Angles	Candela
0	213
5	212
15	205
25	192
35	171
45	144

Test Information

Test Number: NTR1930R1
 Part Number: NEFLINTW-S4MPW
 Beam Spread: 114° Wide Flood
 Lumens: 644lm
 Wattage: 9.78W
 Efficacy: 66lpw
 CCT / CRI: 3500K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	13.9fc	12"-6"
6'	6.2fc	18"-8"
8'	3.5fc	25"
10'	2.2fc	31"-2"
12'	1.6fc	37"-6"

Zonal Lumen Summary

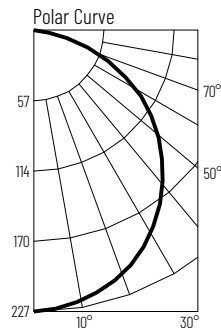
Zone	Lumens	% Luminaire
0-30	143	22.3
0-40	239	37.1
0-60	493	76.6
0-90	644	100
90-180	0	0
0-180	644	100

Candela Table

Vertical Angles	Candela
0	223
5	222
15	214
25	200
35	179
45	151

Test Information

Test Number: NTR1931R1
 Part Number: NEFLINTW-S4MPW
 Beam Spread: 114° Wide Flood
 Lumens: 657lm
 Wattage: 9.93W
 Efficacy: 66lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.26



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	14.2fc	12"-5"
6'	6.3fc	18"-7"
8'	3.6fc	24"-11"
10'	2.3fc	31"-1"
12'	1.6fc	37"-4"

Zonal Lumen Summary

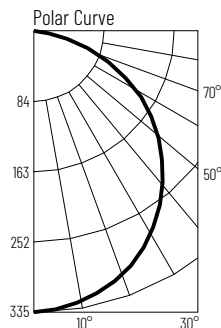
Zone	Lumens	% Luminaire
0-30	177	27
0-40	291	44.3
0-60	518	78.8
0-90	657	100
90-180	0	0
0-180	657	100

Candela Table

Vertical Angles	Candela
0	227
5	226
15	219
25	205
35	183
45	154

Test Information

Test Number: NTR1932R1
 Part Number: NEFLINTW-S4MPW
 Beam Spread: 114° Wide Flood
 Lumens: 658lm
 Wattage: 10.2W
 Efficacy: 64lpw
 CCT / CRI: 5000K / 90 CRI
 Spacing Criteria (0°-180°): 1.28
 Spacing Criteria (90°-270°): 1.28



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	14.2fc	12"-5"
6'	6.3fc	18"-8"
8'	3.6fc	24"-11"
10'	2.3fc	31"-1"
12'	1.6fc	37"-4"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	147	22.3
0-40	244	37.2
0-60	504	76.6
0-90	658	100
90-180	0	0
0-180	658	100

Candela Table

Vertical Angles	Candela
0	228
5	227
15	219
25	205
35	182
45	154