

# 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](http://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

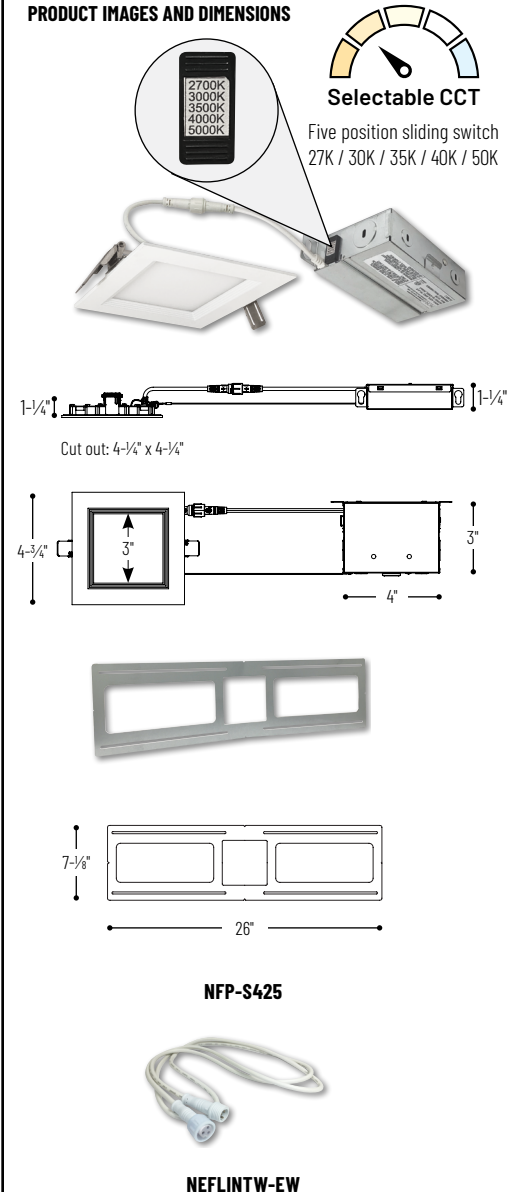
Project

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

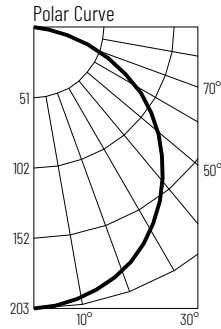
Project

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

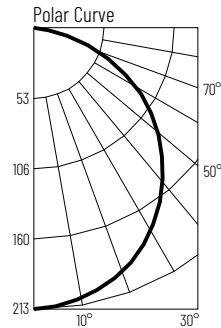
Zone	Lumens	% Luminaire
0-30	131	22.2
0-40	218	37.1
0-60	449	76.5
0-90	588	100
90-180	0	0
0-180	588	100

### 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

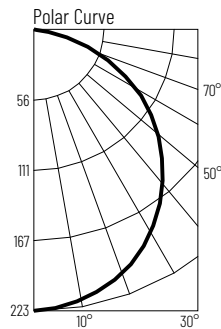
Zone	Lumens	% Luminaire
0-30	166	27
0-40	273	44.3
0-60	485	78.8
0-90	616	100
90-180	0	0
0-180	616	100

### 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

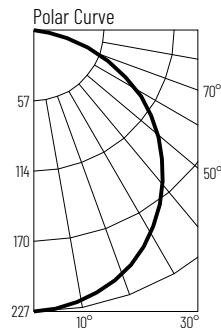
Zone	Lumens	% Luminaire
0-30	143	22.3
0-40	239	37.1
0-60	493	76.6
0-90	644	100
90-180	0	0
0-180	644	100

### 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

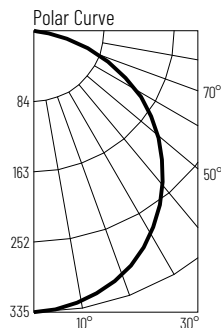
Zone	Lumens	% Luminaire
0-30	177	27
0-40	291	44.3
0-60	518	78.8
0-90	657	100
90-180	0	0
0-180	657	100

### 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