

NEFLINTW-S6233

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

Source: 13.5W

Up to 1150lm

Type
Project
Catalog No.
Notes

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-283 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: 9" and Junction box wire length: 9"]  
**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. Luminaires accept ceiling thicknesses from 3/4" to 5/8". New construction frame-kits are available, see accessories.

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

ELECTRICAL

**Voltage:** 120VAC  
**Lumens / Wattage:** Up to 1150lm / 13.5W  
**Color Temperature:** Selectable CCT (27K / 30K / 35K) (Note: Preset to 2700K)  
**Color Rendering Index:** 90+ CRI  
**Beam Spread:** 112° 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-S625:** New Construction Plate  
**NEFLINTW-EW-4:** 4' Quick Connect Linkable Cable  
**NEFLINTW-EW-20:** 20' Quick Connect Linkable Cable  
**NEPK-23LEDUNV:** 23W Emergency with Remote Test Switch  
**NEPKA-20/23LEDRTS:** Ribbon Test Switch for NEPK-23LEDUNV

**Emergency:** Luminaire is compatible with NEPK-23LEDUNV (ordered separately). Remote mounted battery operates luminaire for 90 minute emergency operation with a fully charged battery. Emergency includes remote test switch, ribbon test switch accessory (NEPKA-20/23LEDRTS) ordered separately.

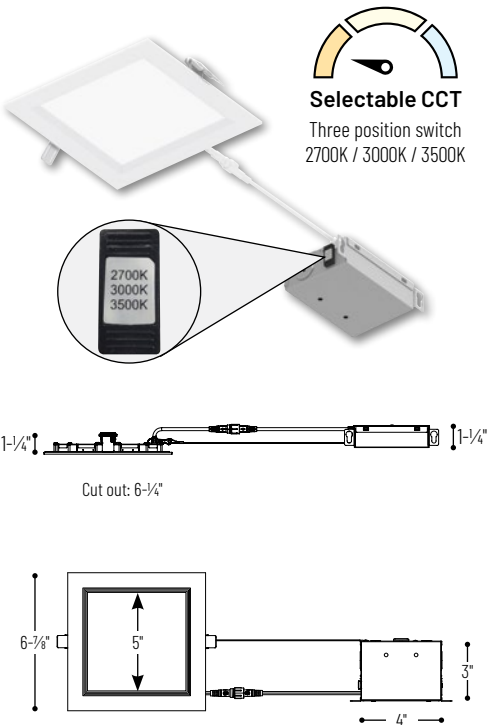
LABELS AND LISTINGS

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



Performance Data		
Part Number	Lumens	CCT
NEFLINTW-S6233MPW	1074lm	2700K
NEFLINTW-S6233MPW	1156lm	3000K
NEFLINTW-S6233MPW	1161lm	3500K

PRODUCT IMAGES AND DIMENSIONS



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

Description
NEFLINTW-S6233MPW = Selectable CCT (2700K / 3000K / 3500K), 120V input

Optional Accessories

Description
NFP-S625 = New Construction Plate
NEFLINTW-EW-4 = 4' Quick Connect Extension Cable
NEFLINTW-EW-20 = 20' Quick Connect Extension Cable
NEPK-23LEDUNV = 23W Emergency LED Driver w/ Remote Test Switch
NEPKA-20/23LEDRTS = Ribbon Test Switch for NEPK-23LEDUNV

Example: NEFLINTW-S6233MPW = 6" E-Series FLIN Square LED Downlight, Selectable CCT (2700K / 3000K / 3500K), Matte Powder White finish, 120V input

## NEFLINTW-S6233

6" E-Series FLIN Square LED Downlight with Selectable CCT Accessories

Type

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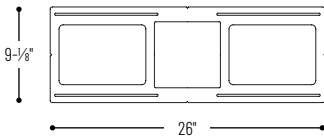
Notes



New Construction Plate

### NFP-S625

For new construction pre-wiring and easier layout planning.



Quick Connect Extension Cables

### NEFLINTW-EW-4

4'

### NEFLINTW-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.

23W Emergency LED Driver with Remote Test Switch

### NEPK-23LEDUNV

120-277V Emergency battery operates luminaire for 90 minute emergency operation with a fully charged battery. Requires 24 hours to charge the battery.

Ribbon Test Switch for NEPK-23LEDUNV

### NEPKA-20/23LEDRTS

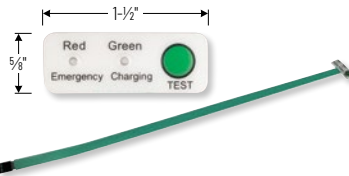
Ribbon test switch replaces remote test switch included with emergency driver. Double sided tape is pre-installed.



23W Emergency LED Driver with Remote Test Switch

### NEPK-23LEDUNV

120-277V Emergency battery operates luminaire for 90 minute emergency operation with a fully charged battery. Requires 24 hours to charge the battery.



Ribbon Test Switch for NEPK-23LEDUNV

### NEPKA-20/23LEDRTS

Ribbon test switch replaces remote test switch included with emergency driver. Double sided tape is pre-installed.

PHOTOMETRICS

NEFLINTW-S6233MPW

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

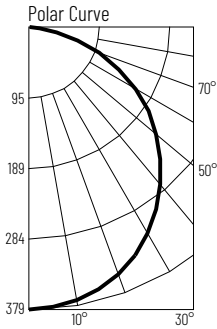
Type

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Notes

**Test Information**  
Test Number: NTR1823R1  
Part Number: NEFLINTW-S6233MPW  
Beam Spread: 112° Wide Flood  
Lumens: 1074lm  
Wattage: 13.37W  
Efficacy: 80lpw  
CCT / CRI: 2700K / 90 CRI  
Spacing Criteria (0°-180°): 1.26  
Spacing Criteria (90°-270°): 1.26

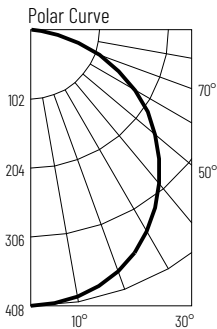


Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
4'	23.7fc	11'-11"
6'	10.5fc	17'-11"
8'	5.9fc	23'-10"
10'	3.8fc	29'-10"
12'	2.6fc	35'-10"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	294	27.4
0-40	480	44.7
0-60	849	79.1
0-90	1074	100
90-180	0	0
0-180	1074	100

Candela Table	
Vertical Angles	Candela
0	379
5	377
15	364
25	338
35	299
45	250

**Test Information**  
Test Number: NTR1824R1  
Part Number: NEFLINTW-S6233MPW  
Beam Spread: 112° Wide Flood  
Lumens: 1156lm  
Wattage: 13W  
Efficacy: 74lpw  
CCT / CRI: 3000K / 90 CRI  
Spacing Criteria (0°-180°): 1.26  
Spacing Criteria (90°-270°): 1.26

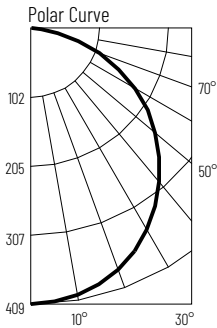


Illuminance at a Distance		
Distance from Luminaire	FC at Nadir	Beam Diameter
4'	25.5fc	11'-11"
6'	11.3fc	17'-11"
8'	6.4fc	23'-11"
10'	4.1fc	29'-10"
12'	2.8fc	35'-10"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	316	27.3
0-40	517	44.7
0-60	914	79.1
0-90	1156	100
90-180	0	0
0-180	1156	100

Candela Table	
Vertical Angles	Candela
0	408
5	405
15	391
25	363
35	321
45	270

**Test Information**  
Test Number: NTR1825R1  
Part Number: NEFLINTW-S6233MPW  
Beam Spread: 112° Wide Flood  
Lumens: 1161lm  
Wattage: 13.45W  
Efficacy: 86lpw  
CCT / CRI: 3500K / 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'	25.6fc	11'-11"
6'	11.4fc	17'-11"
8'	6.4fc	23'-11"
10'	4.1fc	29'-10"
12'	2.8fc	35'-10"

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	317	27.3
0-40	519	44.7
0-60	918	79.1
0-90	1161	100
90-180	0	0
0-180	1161	100

Candela Table	
Vertical Angles	Candela
0	409
5	408
15	393
25	365
35	323
45	270