

# NEFLINTW-S6MPW

6" FLIN Square Can-less Wafer LED Downlight with Selectable CCT

Source: 13.5W

Up to 1200lm

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 Airtight 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 airtight 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 to ASTM E283.

**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"]  
**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 3/8" to 15/16". New construction frame-in kits are available, see accessories.

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

## ELECTRICAL

**Voltage:** 120VAC or 120-277VAC

**Lumens / Wattage:** Up to 1200lm / 13.5W

**Color Temperature:** Selectable CCT

(2700K / 3000K / 3500K / 4000K / 5000K; preset at 3000K)

**Color Rendering Index:** 90+ CRI

**Beam Spread:** 111° 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.

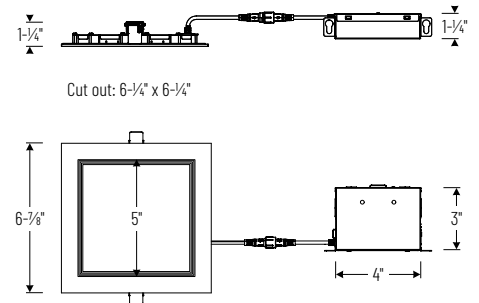
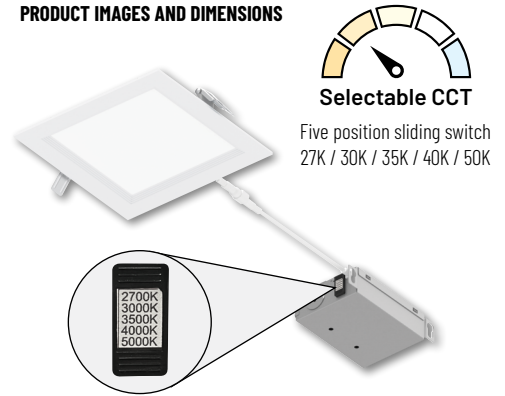
## LABELS AND LISTINGS

- cETLus Listed for Wet location
- Airtight in accordance to ASTM E283
- Certified to the high efficacy requirements of California Title 24 JA8-2025
- [5-Year Limited Warranty](#)
- FCC Compliant



Performance Data		
Part Number	Lumens	CCT
NEFLINTW-S6MPW	1041lm	2700K
NEFLINTW-S6MPW	1073lm	3000K
NEFLINTW-S6MPW	1156lm	3500K
NEFLINTW-S6MPW	1198lm	4000K
NEFLINTW-S6MPW	1223lm	5000K

## PRODUCT IMAGES AND DIMENSIONS



## 6" FLIN Square Can-less Wafer LED Downlight with Selectable CCT

Input Voltage

NEFLINTW-S6MPW = 120V input

NEFLINTW-S6MPWLE4 = 120-277V 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-S6MPW = 6" FLIN Square Can-less Wafer LED Downlight, Selectable CCT (2700K / 3000K / 3500K / 4000K / 5000K), White finish, 120V input

# NEFLINTW-S6MPW

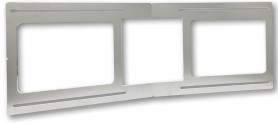
6" E-Series FLIN Square LED Downlight with Selectable CCT Accessories

Type \_\_\_\_\_

Project \_\_\_\_\_

Catalog No. \_\_\_\_\_

Notes \_\_\_\_\_



New Construction Plate

### NFP-S625

For new construction pre-wiring and easier layout planning.



Quick Connect Extension Cables

### NEFLINTW-EW-4 NEFLINTW-EW-20

4'  
20'

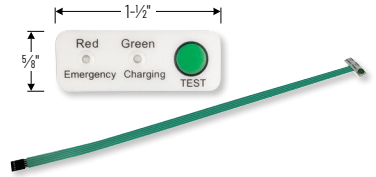
Use to extend the length between luminaire and driver box. Can be connected together to create custom lengths. Maximum length between luminaire and driver is 40'. For longer remote driver remote run length, consult factory.



23W Emergency LED Driver with Remote Test Switch

### NEPK-23LEDUNV

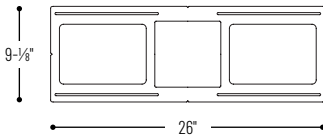
120-277V Emergency battery operates luminaire for 90 minute emergency operation with a fully charged battery. Requires 24 hours to charge the battery.



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.



# PHOTOMETRICS

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

Type

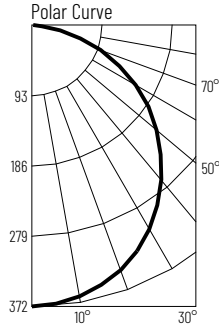
Project

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### Test Information

Test Number: NTR2735  
 Part Number: NEFLINTW-S6MPW  
 Beam Spread: 111° Wide Flood  
 Lumens: 1041lm  
 Wattage: 13.78W  
 Efficacy: 76lpw  
 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'	23.2fc	11'-7"
6'	10.3fc	17'-5"
8'	5.8fc	23'-2"
10'	3.7fc	29'
12'	2.6fc	34'-10"

### Zonal Lumen Summary

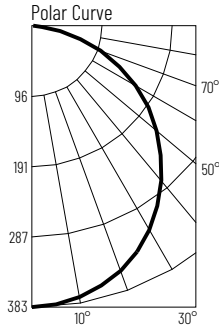
Zone	Lumens	% Luminaire
0-30	287	27.6
0-40	469	45.1
0-60	825	79.2
0-90	1040	99.9
90-180	0	0
0-180	1041	100

### Candela Table

Vertical Angles	Candela
0	372
5	369
15	356
25	329
35	290
45	242

### Test Information

Test Number: NTR2736  
 Part Number: NEFLINTW-S6MPW  
 Beam Spread: 111° Wide Flood  
 Lumens: 1073lm  
 Wattage: 13.56W  
 Efficacy: 79lpw  
 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'	23.9fc	11'-8"
6'	10.6fc	17'-6"
8'	6fc	23'-4"
10'	3.8fc	29'-2"
12'	2.7fc	35'

### Zonal Lumen Summary

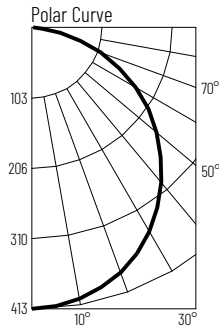
Zone	Lumens	% Luminaire
0-30	296	27.6
0-40	484	45.1
0-60	850	79.2
0-90	1073	99.9
90-180	0	0
0-180	1073	100

### Candela Table

Vertical Angles	Candela
0	382
5	381
15	367
25	340
35	300
45	250

### Test Information

Test Number: NTR2737  
 Part Number: NEFLINTW-S6MPW  
 Beam Spread: 111° Wide Flood  
 Lumens: 1156lm  
 Wattage: 13.44W  
 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'	25.7fc	11'-7"
6'	11.4fc	17'-5"
8'	6.4fc	23'-2"
10'	4.1fc	29'
12'	2.9fc	34'-11"

### Zonal Lumen Summary

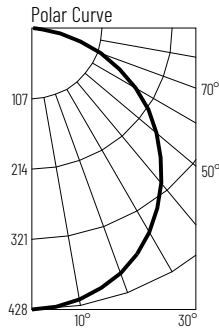
Zone	Lumens	% Luminaire
0-30	264	22.8
0-40	438	37.9
0-60	890	77
0-90	1155	100
90-180	0	0
0-180	1156	100

### Candela Table

Vertical Angles	Candela
0	412
5	409
15	394
25	365
35	322
45	268

### Test Information

Test Number: NTR2738  
 Part Number: NEFLINTW-S6MPW  
 Beam Spread: 111° Wide Flood  
 Lumens: 1198lm  
 Wattage: 13.6W  
 Efficacy: 88lpw  
 CCT / CRI: 4000K / 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'	26.7fc	11'-7"
6'	11.9fc	17'-6"
8'	6.7fc	23'-4"
10'	4.3fc	29'-1"
12'	3fc	34'-11"

### Zonal Lumen Summary

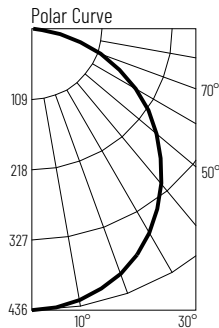
Zone	Lumens	% Luminaire
0-30	331	27.6
0-40	540	45
0-60	949	79.2
0-90	1198	99.9
90-180	0.7	0
0-180	1198	100

### Candela Table

Vertical Angles	Candela
0	428
5	425
15	409
25	379
35	335
45	279

### Test Information

Test Number: NTR2739  
 Part Number: NEFLINTW-S6MPW  
 Beam Spread: 111° Wide Flood  
 Lumens: 1223lm  
 Wattage: 13.81W  
 Efficacy: 89lpw  
 CCT / CRI: 5000K / 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'	27.3fc	11'-8"
6'	12.1fc	17'-6"
8'	6.8fc	23'-4"
10'	4.4fc	29'-2"
12'	3fc	35'

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	279	22.8
0-40	463	37.9
0-60	942	77
0-90	1223	100
90-180	0	0
0-180	1223	100

### Candela Table

Vertical Angles	Candela
0	436
5	433
15	417
25	386
35	341
45	284