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 ½" trade size and two ⅜" 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"]

Mounting: No housing is required, two tensions steel spring clips secure luminaires to the ceiling. Luminaires accept ceiling thicknesses from ⅜" 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 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 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

LABELS AND LISTINGS

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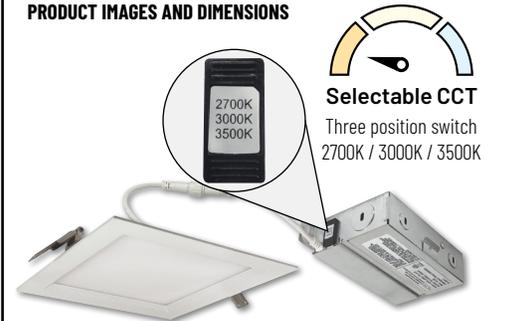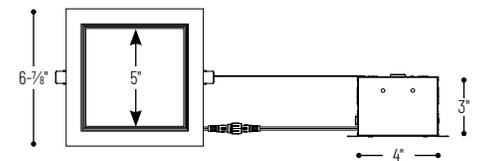- 5-Year Limited Warranty
- FCC Compliant

Performance Data

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

PRODUCT IMAGES AND DIMENSIONS

Selectable CCT
Three position switch
2700K / 3000K / 3500K

Cut out: 6-¼"

1-¼"   1-¼"

6-⅞"   5"   3"   4"

9-⅛"   26"

NFP-S625
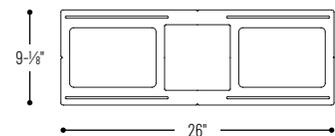
NEFLINTW-EW

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

Aperture	Color Temperature	Finish	Input Voltage
NEFLINTW-S6233 = Square	**233** = Selectable CCT (2700K / 3000K / 3500K)	**MPW** = Matte Powder White	(blank) = 120V **LE4** = 120-277V

Optional Accessories

Description
NFP-S625 = New Construction Plate
NEFLINTW-EW-4 = 4' Quick Connect Extension Cable
NEFLINTW-EW-20 = 20' Quick Connect Extension Cable

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

PHOTOMETRICS

NEFLINTW-S6233MPW
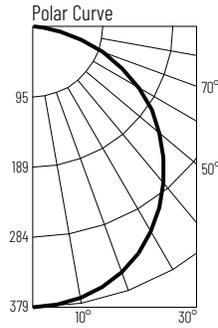### 6" E-Series FLIN Square LED Downlight with Selectable CCT

Type	
Project	
Catalog No.	
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

Polar Curve

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

Polar Curve
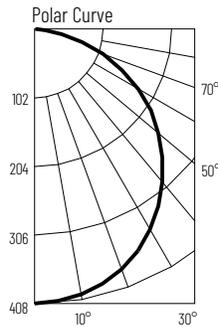
Illuminance at a Distance

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

Polar Curve
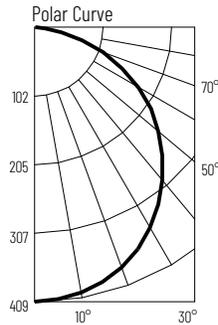
Illuminance at a Distance

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

032323P2