

NEFLINTW-R4MPW / NEFLINTW-R6MPW

4" & 6" FLIN Round Can-less Wafer LED Downlight with Selectable CCT

Source: 10.5W or 13.5W

950lm or 1300lm

PRODUCT DESCRIPTION

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 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 950lm / 10.5W

Color Temperature: Selectable CCT (2700K / 3000K / 3500K / 4000K / 5000K)

Color Rendering Index: 90+ CRI

Beam Spread: 115° 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

NEFLINTW-4OR-MPW: Oversize Ring for 4"

NEFLINTW-6OR-MPW: Oversize Ring for 6"

NDT-42RB: Decorative Trim for 4"

NDT-62RB: Decorative Trim for 6"

NEFLINTW-EW-4: 4' Quick Connect Linkable Cable

NEFLINTW-EW-20: 20' Quick Connect Linkable Cable

NF-R246: Universal New Construction Frame-In

NFC-R430: New Construction Frame-In with Collar for 4"

NQZ-6R-F: New Construction Frame-In with Collar for 6"

NEPK-23LEDUNV: 23W Emergency with Remote Test Switch

NEPK-23LEDUNV-JB: 23W Emergency Kit w/Remote 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 Locations
- Certified to the high efficacy requirements of California Title 24 JA8-2025
- [5-Year Limited Warranty](#)
- FCC Compliant



Type

Project

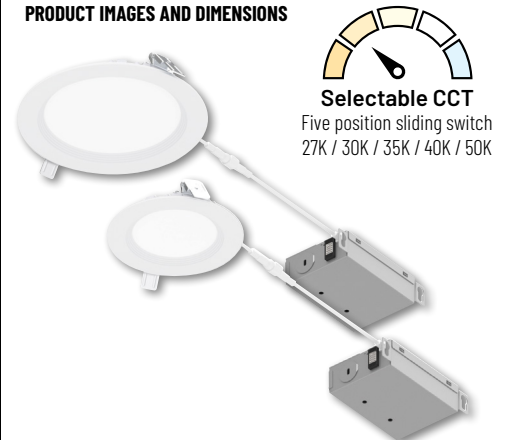
Catalog No.

Notes

Performance Data

Part Number	4" Lumens	6" Lumens	CCT
NEFLINTW-RX	861lm	1199lm	2700K
NEFLINTW-RX	894lm	1220lm	3000K
NEFLINTW-RX	943lm	1289lm	3500K
NEFLINTW-RX	964lm	1306lm	4000K
NEFLINTW-RX	966lm	1323lm	5000K

PRODUCT IMAGES AND DIMENSIONS



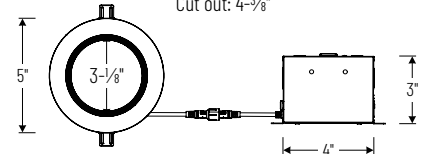
Selectable CCT

Five position sliding switch
27K / 30K / 35K / 40K / 50K



NEFLINTW-R4MPW

Cut out: 4-3/8"



NEFLINTW-R6MPW

Cut out: 6-3/8"

Optional Accessories

Description

- NEFLINTW-4OR-MPW = Oversize Ring for 4"
- NEFLINTW-6OR-MPW = Oversize Ring for 6"
- NDT-42RB = Decorative Black Trim for 4"
- NDT-42RBBZ = Decorative Bronze Trim for 4"
- NDT-62RB = Decorative Black Trim for 6"
- NDT-62RBBZ = Decorative Bronze Trim for 6"
- NEFLINTW-EW-4 = 4' Extension Cable
- NEFLINTW-EW-20 = 20' Extension Cable
- NF-R246 = Universal New Construction Frame-In for 4" & 6"
- NFC-R430 = New Construction Frame-In with Collar for 4"
- NQZ-6R-F = New Construction Frame-In with Collar for 6"
- NEPK-23LEDUNV = 23W Emergency LED Driver w/ Remote Test Switch
- NEPK-23LEDUNV-JB = 23W Emergency LED Driver Kit w/ Test Switch
- NEPKA-20/23LEDRTS = Ribbon Test Switch for NEPK-23LEDUNV

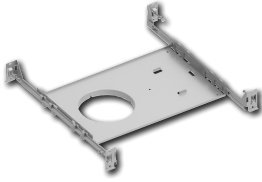
4" & 6" FLIN Round Can-less Wafer LED Round Downlight with Selectable CCT

Aperture / Lumens / Wattage	Input Voltage / Dimming
NEFLINTW-R4MPW = 4" / 950lm / 10.5W	(blank) = 120V input; Phase (Triac/ELV) dimming
NEFLINTW-R6MPW = 6" / 1300lm / 13.5W	LE4 = 120-277V input; Phase (Triac/ELV) dimming
Example: NEFLINTW-R6MPW = 6" FLIN LED Downlight with Selectable CCT, 1300lm / 13.5W, White Finish, 120V input; Phase dimming	

NEFLINTW-R4MPW / NEFLINTW-R6MPW

4" & 6" FLIN Round Can-less Wafer LED Downlight with Selectable CCT Accessories

Type	
Project	
Catalog No.	
Notes	

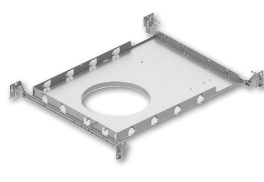


New Construction Frame-In with Collar

NFC-R430

for NEFLINTW-R4TW

New construction frame-in can be used to assist installing can-less recessed downlighting.



New Construction Frame-In with Collar

NQZ-6R-F

for NEFLINTW-R6TW

New construction frame-in can be used to assist installing can-less recessed downlighting.



Universal New Construction Frame-In for 4" & 6"

NF-R246

New construction frame-in can be used to assist installing can-less recessed downlighting. Helps indicate wiring location and cutting guide.



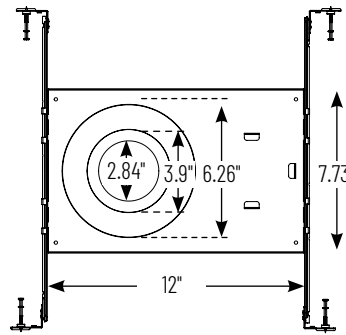
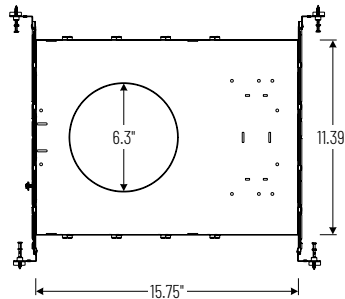
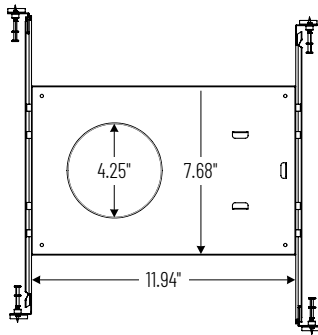
Quick Connect Extension Linkable Cables

NEFLINTW-EW-4 NEFLINTW-EW-20

4' Cable

10' Cable

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



Oversize Ring for 4"

NEFLINTW-4OR-MPW

for NEFLINTW-R4TW

Oversize ring covers ceiling cut-outs up to 5-3/4"

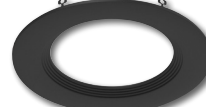


Oversize Ring for 6"

NEFLINTW-6OR-MPW

for NEFLINTW-R6TW

Oversize ring covers ceiling cut-outs up to 7-1/4"



Decorative Trim for 4"

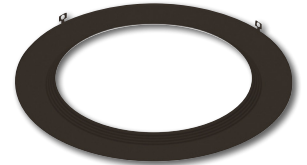
NDT-42RBB

Black Finish

NDT-42RBBZ

Bronze Finish

Decorative trim converts NEFLINTW-R4MPW to black or bronze finish.



Decorative Trim for 6"

NDT-62RBB

Black Finish

NDT-62RBBZ

Bronze Finish

Decorative trim converts NCSC-R6W2 to black or bronze finish.



23W Emergency LED Driver with Remote Test Switch

NEPK-23LEDUNV

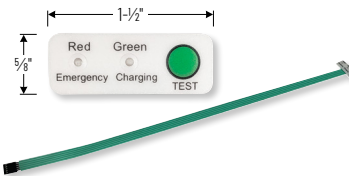
120-277V Emergency battery operates luminaire for 90 minute emergency operation with a fully charged battery. Requires 24 hours to charge the battery.



23W Emergency LED Driver Kit with Remote Test Switch

NEPK-23LEDUNV-JB

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



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

4" FLIN Round Can-less Wafer LED Downlight with Selectable CCT

Type

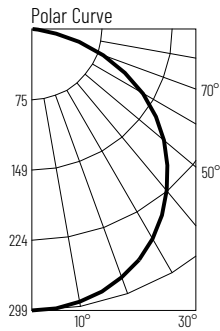
Project

Catalog No.

Notes

Test Information

Test Number: NTR1918R1
Part Number: NEFLINTW-R4MPW
Beam Spread: 115° Wide Flood
Lumens: 861lm
Wattage: 10.12W
Efficacy: 85lpw
CCT / CRI: 2700K / 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'	18.7fc	12'-7"
6'	8.3fc	18'-10"
8'	4.7fc	25'-1"
10'	3fc	31'-5"
12'	2.1fc	37'-8"

Zonal Lumen Summary

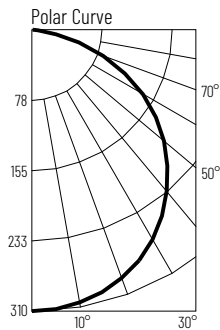
Zone	Lumens	% Luminaire
0-30	234	27.1
0-40	384	44.6
0-60	685	79.5
0-90	861	100
90-180	0	0
0-180	861	100

Candela Table

Vertical Angles	Candela
0	299
5	298
15	288
25	270
35	241
45	204

Test Information

Test Number: NTR1919R1
Part Number: NEFLINTW-R4MPW
Beam Spread: 115° Wide Flood
Lumens: 894lm
Wattage: 9.97W
Efficacy: 90lpw
CCT / CRI: 3000K / 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'	19.4fc	12'-6"
6'	8.6fc	18'-10"
8'	4.9fc	25'-1"
10'	3.1fc	31'-5"
12'	2.2fc	37'-7"

Zonal Lumen Summary

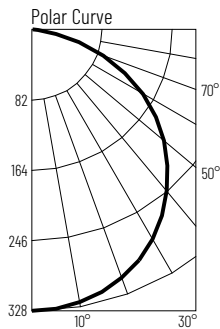
Zone	Lumens	% Luminaire
0-30	243	27.1
0-40	399	44.6
0-60	711	79.6
0-90	894	100
90-180	0	0
0-180	894	100

Candela Table

Vertical Angles	Candela
0	310
5	309
15	300
25	280
35	251
45	212

Test Information

Test Number: NTR1920R1
Part Number: NEFLINTW-R4MPW
Beam Spread: 115° Wide Flood
Lumens: 943lm
Wattage: 9.81W
Efficacy: 96lpw
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'	20.5fc	12'-7"
6'	9.1fc	18'-10"
8'	5.1fc	25'-1"
10'	3.3fc	31'-5"
12'	2.3fc	37'-8"

Zonal Lumen Summary

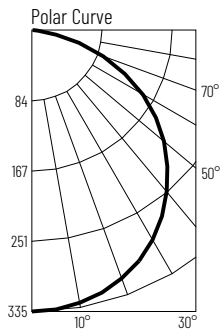
Zone	Lumens	% Luminaire
0-30	256	27.1
0-40	421	44.6
0-60	751	79.6
0-90	943	100
90-180	0	0
0-180	943	100

Candela Table

Vertical Angles	Candela
0	328
5	327
15	317
25	296
35	264
45	224

Test Information

Test Number: NTR1921R1
Part Number: NEFLINTW-R4MPW
Beam Spread: 115° Wide Flood
Lumens: 964lm
Wattage: 9.94W
Efficacy: 97lpw
CCT / CRI: 4000K / 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'	20.9fc	12'-6"
6'	9.3fc	18'-10"
8'	5.2fc	25'-1"
10'	3.4fc	31'-5"
12'	2.3fc	37'-7"

Zonal Lumen Summary

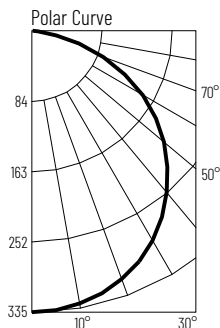
Zone	Lumens	% Luminaire
0-30	261	27.1
0-40	430	44.6
0-60	766	79.5
0-90	964	100
90-180	0	0
0-180	964	100

Candela Table

Vertical Angles	Candela
0	335
5	333
15	323
25	302
35	270
45	229

Test Information

Test Number: NTR1922R1
Part Number: NEFLINTW-R4MPW
Beam Spread: 115° Wide Flood
Lumens: 966lm
Wattage: 10.16W
Efficacy: 95lpw
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'	21fc	12'-6"
6'	9.3fc	18'-10"
8'	5.2fc	25'-1"
10'	3.4fc	31'-5"
12'	2.3fc	37'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	216	22.4
0-40	361	37.4
0-60	746	77.2
0-90	966	100
90-180	0	0
0-180	966	100

Candela Table

Vertical Angles	Candela
0	335
5	334
15	323
25	302
35	270
45	229

PHOTOMETRICS

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

Type

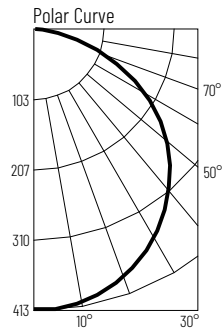
Project

Catalog No.

Notes

Test Information

Test Number: NTR1923R1
Part Number: NEFLINTW-R6MPW
Beam Spread: 115° Wide Flood
Lumens: 1199lm
Wattage: 13.8W
Efficacy: 87lpw
CCT / CRI: 2700K / 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'	25.7fc	12'-6"
6'	11.4fc	18'-10"
8'	6.4fc	25'
10'	4.1fc	31'-4"
12'	2.9fc	37'-6"

Zonal Lumen Summary

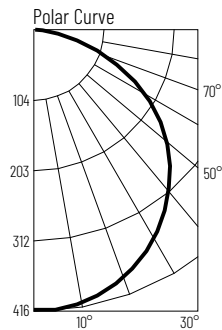
Zone	Lumens	% Luminaire
0-30	266	22.2
0-40	444	37
0-60	921	76.8
0-90	1199	100
90-180	0	0
0-180	1199	100

Candela Table

Vertical Angles	Candela
0	411
5	408
15	395
25	370
35	331
45	282

Test Information

Test Number: NTR1924R1
Part Number: NEFLINTW-R6MPW
Beam Spread: 115° Wide Flood
Lumens: 1220lm
Wattage: 13.68W
Efficacy: 89lpw
CCT / CRI: 3000K / 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'	25.9fc	12'-10"
6'	11.5fc	19'-2"
8'	6.5fc	25'-8"
10'	4.2fc	32'-1"
12'	2.9fc	38'-6"

Zonal Lumen Summary

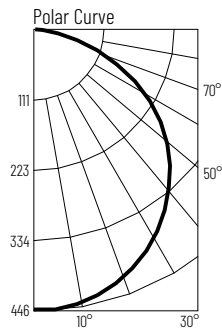
Zone	Lumens	% Luminaire
0-30	268	22
0-40	449	36.8
0-60	934	76.6
0-90	1220	100
90-180	0	0
0-180	1220	100

Candela Table

Vertical Angles	Candela
0	415
5	412
15	399
25	374
35	336
45	288

Test Information

Test Number: NTR1925R1
Part Number: NEFLINTW-R6MPW
Beam Spread: 115° Wide Flood
Lumens: 1289lm
Wattage: 13.37W
Efficacy: 96lpw
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'	27.7fc	12'-6"
6'	12.3fc	18'-8"
8'	6.9fc	24'-11"
10'	4.4fc	31'-2"
12'	3.1fc	37'-5"

Zonal Lumen Summary

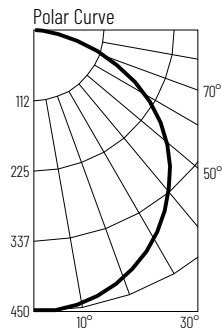
Zone	Lumens	% Luminaire
0-30	286	22.2
0-40	478	37.1
0-60	991	76.9
0-90	1289	100
90-180	0	0
0-180	1289	100

Candela Table

Vertical Angles	Candela
0	442
5	439
15	425
25	398
35	357
45	303

Test Information

Test Number: NTR1926R1
Part Number: NEFLINTW-R6MPW
Beam Spread: 115° Wide Flood
Lumens: 1306lm
Wattage: 13.43W
Efficacy: 97lpw
CCT / CRI: 4000K / 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'	28fc	12'-6"
6'	12.5fc	18'-10"
8'	7fc	25'-1"
10'	4.5fc	31'-4"
12'	3.1fc	37'-7"

Zonal Lumen Summary

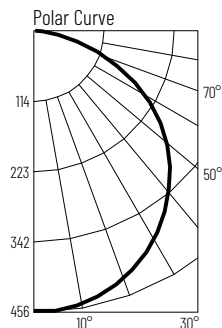
Zone	Lumens	% Luminaire
0-30	290	22.2
0-40	484	37.1
0-60	1004	76.9
0-90	1306	100
90-180	0	0
0-180	1306	100

Candela Table

Vertical Angles	Candela
0	449
5	445
15	431
25	403
35	361
45	308

Test Information

Test Number: NTR1927R1
Part Number: NEFLINTW-R6MPW
Beam Spread: 115° Wide Flood
Lumens: 1323lm
Wattage: 13.82W
Efficacy: 96lpw
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'	28.4fc	12'-6"
6'	12.6fc	18'-8"
8'	7.1fc	25'
10'	4.6fc	31'-2"
12'	3.2fc	37'-6"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	356	26.9
0-40	586	44.3
0-60	1048	79.2
0-90	1323	100
90-180	0	0
0-180	1323	100

Candela Table

Vertical Angles	Candela
0	455
5	452
15	437
25	410
35	367
45	312