

# NPTPSW

## LED Frame Light with Selectable Lumens & Selectable CCT

Source: 30W to 55W LED  
4000lm to 6950lm

Type	
Project	
Catalog No.	
Notes	

### PRODUCT DESCRIPTION

LED Frame lights are perimeter fixtures for standard 2'x2' or 2'x4' ceiling grids. Remote driver includes two Selectable Switches to change the color temperature and brightness. Universal input (120-277VAC) and dimmable with compatible 0-10V dimmers. No cutting is required and ceiling tile sits inside the frame light.

### FEATURES

- One-piece construction, no assembly required!
- Easy installation without cutting tiles
- 120-277VAC input; 0-10V dimming
- Selectable Lumen switch changes output up to 5000lm
- Selectable CCT switch changes color temperature from 3500K / 4000K / 5000K
- White finish matches most ceilings
- cETLus listed for damp location
- DLC Listed

### SPECIFICATION

**Lens:** Polycarbonate lens is lightweight with no gaps around corners.

**Installation:** No cutting is required accommodate ceiling tile. Fixture drops into suspended grid ceiling and tile sits on top of thin LED frame. Each fixture includes a remote driver knockouts for romex or flex wiring. The luminaire fits into standard 5/8" and narrow 3/8" T-grid ceiling systems.

**Junction Box:** Prewired junction box includes quick connect to LED fixture for ease of installation. Junction box includes four 1/2" 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: 6' and Junction box wire length: 6']

### ELECTRICAL

**Input:** 120-277VAC

**Lumens / Wattage:**

Size	2' x 2'	2' x 4'
Lumen Output	4020lm / 4492lm / 5006lm	5884lm / 6467lm / 6968lm
Selectable Wattage	30W / 35W / 40W	45W / 50W / 55W

*Note: Lumens shown at 4000K and will vary depending on CCT*

**Color Temperature:** Selectable CCT: 3500K / 4000K / 5000K (*Note: Preset to 3500K*)

**Color Rendering Index:** 80+ CRI

**Operating Temperature:** 0°C to 40°C

**Lifetime:** 50,000 hours @ L70

**Dimming:** 0-10V dimming

[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](http://www.NoraLighting.com) in the "Compatibility" page under "Resources" tab

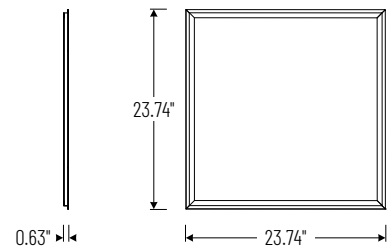
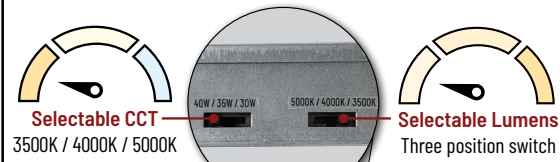
**Emergency:** Luminaire is compatible with [NEPK-20LEDUNV](#) (ordered separately). Battery operates luminaire at 20W for 90 minute emergency operation with a fully charged battery.

### LABELS AND LISTINGS

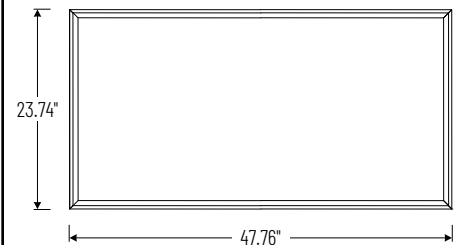
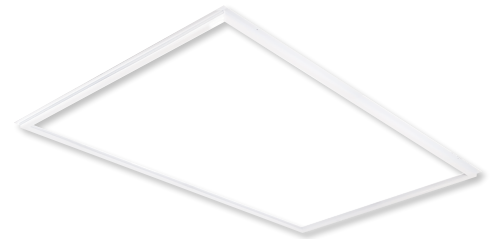
- cETLus Listed for Damp Locations
- DLC Listed
- FCC certified
- [5-Year Limited Warranty](#)



### PRODUCT IMAGES AND DIMENSIONS



**NPTPSW-E22**  
2' x 2' LED Frame Light



**NPTPSW-E24**  
2' x 4' LED Frame Light

### LED Frame Light with Selectable Lumens & Selectable CCT

Description

- NPTPSW-E22/345W = 2' x 2' LED Frame Light
- NPTPSW-E24/345W = 2' x 4' LED Frame Light

### Optional Accessories

Description

- NEPK-20LEDUNV = 20W Emergency Battery w/Remote Test Switch

Example: NPTPSW-E22/345W = 2' x 2' LED Frame Light with Selectable Lumens & Selectable CCT, White finish

# PHOTOMETRICS

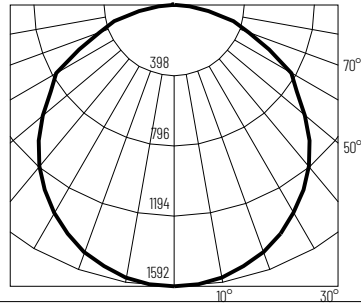
## 2' x 2' LED Frame Light with Selectable Lumens & Selectable CCT

Type	
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### Test Information

Test Number: LCZP24100123  
 Part Number: NPTPSW-E22/345W  
 Beam Spread: 116° Wide Flood  
 Lumens: 4680lm  
 Wattage: 39.38W  
 Efficacy: 119lpw  
 CCT / CRI: 3500K / 80 CRI  
 Spacing Criteria (0°-180°): 1.28  
 Spacing Criteria (90°-270°): 1.28

Polar Curve



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1241	26.5
0-40	2038	43.6
0-60	3624	77.4
0-90	4660	99.6
90-180	20	0.4
0-180	4680	100

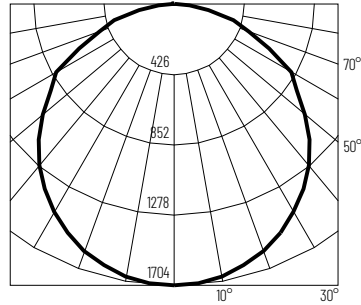
Candela Table

Vertical Angles	Candela
0	1592
5	1587
15	1531
25	1430
35	1279
45	1086

### Test Information

Test Number: LCZP24100123  
 Part Number: NPTPSW-E22/345W  
 Beam Spread: 116° Wide Flood  
 Lumens: 5006lm  
 Wattage: 38.12W  
 Efficacy: 131lpw  
 CCT / CRI: 4000K / 80 CRI  
 Spacing Criteria (0°-180°): 1.28  
 Spacing Criteria (90°-270°): 1.28

Polar Curve



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1328	26.5
0-40	2181	43.6
0-60	3877	77.4
0-90	4985	99.6
90-180	21	0.4
0-180	5006	100

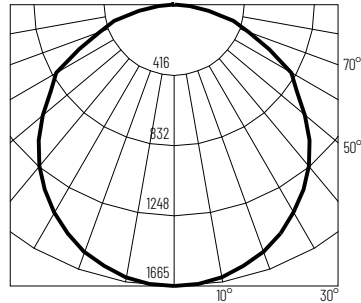
Candela Table

Vertical Angles	Candela
0	1704
5	1698
15	1637
25	1530
35	1368
45	1162

### Test Information

Test Number: LCZP24100123  
 Part Number: NPTPSW-E22/345W  
 Beam Spread: 116° Wide Flood  
 Lumens: 4892lm  
 Wattage: 39.42W  
 Efficacy: 124lpw  
 CCT / CRI: 5000K / 80 CRI  
 Spacing Criteria (0°-180°): 1.28  
 Spacing Criteria (90°-270°): 1.28

Polar Curve



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1297	26.5
0-40	2131	43.6
0-60	3788	77.4
0-90	4871	99.6
90-180	21	0.4
0-180	4892	100

Candela Table

Vertical Angles	Candela
0	1665
5	1659
15	1600
25	1495
35	1337
45	1135

### Performance Data

Part Number	Lumen Setting	Color Temperature	Lumens	Wattage	Efficacy
NPTPSW-E22/345W	Low Lumens	3500K	3795lm	30.4W	125lm/w
		4000K	3959lm	30.5W	130lm/w
		5000K	3915lm	32.4W	121lm/w
	Medium Lumens	3500K	4228lm	34.7W	122lm/w
		4000K	4492lm	33.7W	133lm/w
		5000K	4399lm	34.4W	128lm/w
	High Lumens	3500K	4680lm	39.4W	119lm/w
		4000K	5006lm	38.1W	131lm/w
		5000K	4892lm	39.4W	124lm/w

# PHOTOMETRICS

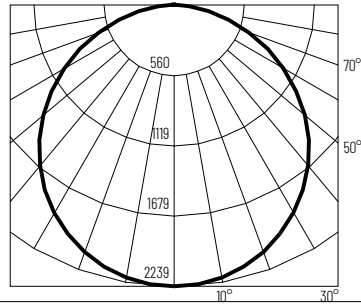
## 2' x 4' LED Frame Light with Selectable Lumens & Selectable CCT

Type	
Project	
Catalog No.	
Notes	

### Test Information

Test Number: LCZP24100124  
 Part Number: NPTPSW-E24/345W  
 Beam Spread: 114° Wide Flood  
 Lumens: 6562lm  
 Wattage: 52.69W  
 Efficacy: 125lpw  
 CCT / CRI: 3500K / 80 CRI  
 Spacing Criteria (0°-180°): 1.28  
 Spacing Criteria (90°-270°): 1.26

Polar Curve



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1743	26.6
0-40	2861	43.6
0-60	5085	77.5
0-90	6532	99.6
90-180	29	0.4
0-180	6562	100

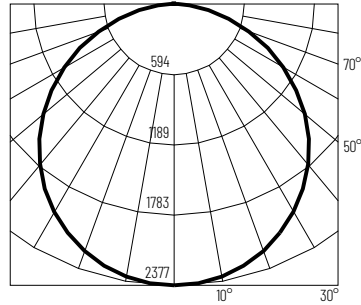
Candela Table

Vertical Angles	Candela
0	2239
5	2229
15	2154
25	2006
35	1793
45	1519

### Test Information

Test Number: LCZP24100124  
 Part Number: NPTPSW-E24/345W  
 Beam Spread: 114° Wide Flood  
 Lumens: 6968lm  
 Wattage: 51.44W  
 Efficacy: 135lpw  
 CCT / CRI: 4000K / 80 CRI  
 Spacing Criteria (0°-180°): 1.28  
 Spacing Criteria (90°-270°): 1.26

Polar Curve



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1851	26.6
0-40	3038	43.6
0-60	5399	77.5
0-90	6937	99.6
90-180	31	0.4
0-180	6968	100

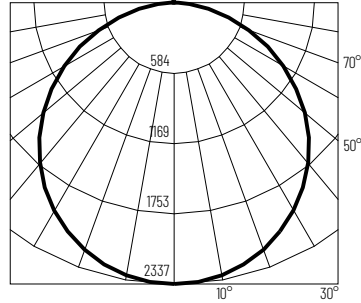
Candela Table

Vertical Angles	Candela
0	2377
5	2367
15	2287
25	2130
35	1904
45	1613

### Test Information

Test Number: LCZP24100124  
 Part Number: NPTPSW-E24/345W  
 Beam Spread: 114° Wide Flood  
 Lumens: 6849lm  
 Wattage: 52.53W  
 Efficacy: 130lpw  
 CCT / CRI: 5000K / 80 CRI  
 Spacing Criteria (0°-180°): 1.28  
 Spacing Criteria (90°-270°): 1.26

Polar Curve



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1819	26.6
0-40	2987	43.6
0-60	5308	77.5
0-90	6819	99.6
90-180	30	0.4
0-180	6849	100

Candela Table

Vertical Angles	Candela
0	2337
5	2327
15	2248
25	2094
35	1872
45	1586

### Performance Data

Part Number	Lumen Setting	Color Temperature	Lumens	Wattage	Efficacy
NPTPSW-E24/345W	Low Lumens	3500K	5586lm	43.2W	129lm/w
		4000K	5884lm	42W	140lm/w
		5000K	5825lm	43.2W	135lm/w
	Medium Lumens	3500K	6117lm	48.2W	127lm/w
		4000K	6467lm	46.7W	138lm/w
		5000K	6374lm	48.7W	131lm/w
	High Lumens	3500K	6562lm	52.7W	125lm/w
		4000K	6968lm	51.4W	135lm/w
		5000K	6849lm	52.5W	130lm/w