NSPD

LED Surface Mount Panels with Selectable CCT
Source: 20W to 40W LED
2250lm to 4550lm

Type
Project
Catalog No.
Notes

PRODUCT DESCRIPTION
Low profile panels include edge-lit LED technology with diffused polycarbonate lens. Each luminaire includes a Selectable CCT switch to adjust the color temperature. A smooth matte white finish provides general lighting for commercial and industrial applications. The luminaires are suitable for kitchens, corridors, bath, office, school, retail, hospital, and hospitality applications.

SPECIFICATION
Construction: Aluminum enclosure with powder-coated matte white finish. Enclosed driver compartment is easily accessible from below via a hinged platform.

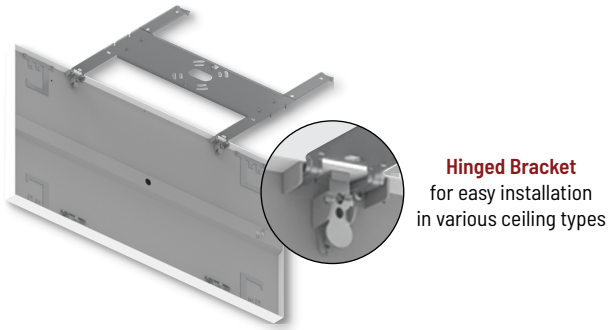
Lens: Polycarbonate diffused white lens evenly distributes light and maximizes performance. Diffused lens reduces glare and offers more balanced light.

Installation: Luminaire is suitable for type IC and fits over a standard 4" junction box (not included). Suitable for fire rated application when used with NFJB-R4S, must check with your local authorities to ensure requirements are met. Ceiling bracket included for easy installation and removal with hinged "snap-in" brackets.

ELECTRICAL
Input Voltage: 120-277VAC 50/60Hz
Lumens / Wattage:
NSPD-12/SCW: 2250lm / 22W
NSPDSW-14/SCW: Selectable Lumens (2400lm / 20W; 3600lm / 30W; 4550lm / 40W); *Preset to 40W*
Color Temperature: Selectable CCT (2700K / 3000K / 3500K / 4000K / 5000K); *Preset to 3000K*
Color Rendering Index: 90+ CRI
Dimming: Forward Phase (Triac) / Reverse Phase (ELV) - 120V only
Click Here or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

Emergency: 1' x 2' Panel (NSPD-12/SCW) is compatible with NEPK-23LEDUNV or NEPK-23LEDUNV-JB (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 Damp Locations
- 5-Year Limited Warranty
- Certified to the high efficacy requirements of California Title 24 JA8-2025
- FCC certified



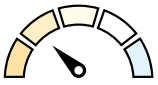
Hinged Bracket
for easy installation
in various ceiling types

Performance Data			
Part Numbers	Lumens	Wattage	CCT
NSPD-12/SCW (1' x 2')	2250lm	22W	4000K
NSPDSW-14/SCW (1' x 4')	2400lm	20W	4000K
	3600lm	30W	
	4550lm	40W	

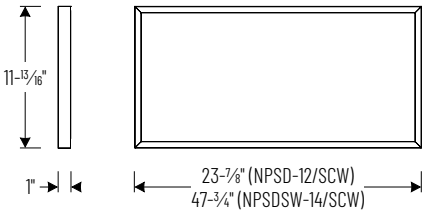
Delivered lumens will vary depending on color temperature

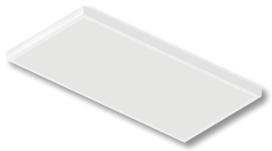
PRODUCT IMAGES AND DIMENSIONS

Selectable Lumens
Three position sliding switch
(NSPDSW-14/SCW only)



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





NSPD-12/SCW
1' x 2' LED Surface Mount with Selectable CCT

NSPDSW-14/SCW
1' x 4' LED Surface Mount with Selectable Lumens & CCT

LED Surface Mount Panels with Selectable CCT

Description
NSPD-12/SCW = 1' x 2' LED Surface Mount Panel with Selectable CCT
NSPDSW-14/SCW = 1' x 4' LED Surface Mount Panel with Selectable Lumens & CCT

Optional Emergency

Description
NEPK-23LEDUNV = Remote Emergency Battery for NSPD-12/SCW only
NEPK-23LEDUNV-JB = Remote Emergency LED Driver Kit for NSPD-12
NEPKA-20/23LEDRTS = Ribbon Test Switch for NEPK-23LEDUNV

NORA LIGHTING
6505 Gayhart Street, Commerce, CA 90040
Tel 323.767.2600 | www.noralighting.com | e-mail: nora@noralighting.com
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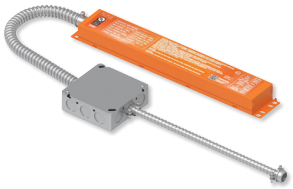
NSPD

LED Surface Mount Panels with Selectable CCT Accessories

Type	
Project	
Catalog No.	
Notes	

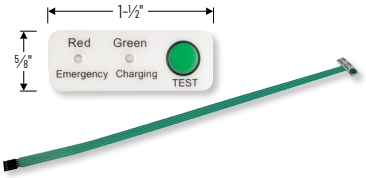
23W Emergency LED Driver with
Remote Test Switch
for NSPD-12/SCW only

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
for NSPD-12/SCW only

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.

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PHOTOMETRICS

1' x 2' LED Surface Mount Panels with Selectable CCT

Type

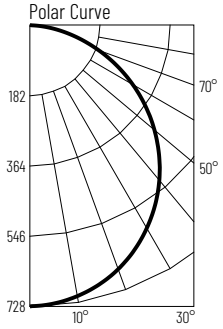
Project

Catalog No.

Notes

Test Information
Test Number: NTS341R1
Part Number: NSPD-12/SCW
Beam Spread: 111° Wide Flood
Lumens: 2061lm
Wattage: 21.256W
Efficacy: 97lpw
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
10'	7.3fc	29'-3"
12'	5.1fc	35'-2"
14'	3.7fc	41'
16'	2.8fc	46'-10"
18'	2.2fc	52'-8"

Zonal Lumen Summary

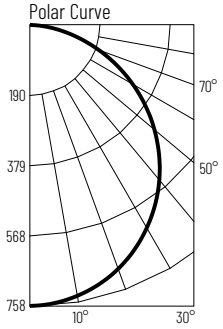
Zone	Lumens	% Luminaire
0-30	562	27.3
0-40	918	44.6
0-60	1618	78.5
0-90	2061	100
90-180	0	0
0-180	2061	100

Candela Table

Vertical Angles	Candela
0	728
5	724
15	696
25	644
35	570
45	477

Test Information
Test Number: NTS342R1
Part Number: NSPD-12/SCW
Beam Spread: 111° Wide Flood
Lumens: 2147lm
Wattage: 21.256W
Efficacy: 101lpw
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
10'	7.6fc	29'-3"
12'	5.3fc	35'-2"
14'	3.9fc	41'
16'	3.0fc	46'-10"
18'	2.3fc	52'-8"

Zonal Lumen Summary

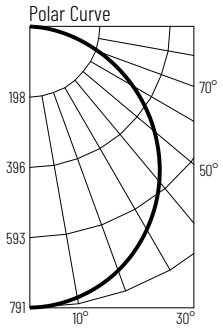
Zone	Lumens	% Luminaire
0-30	585	27.3
0-40	957	44.6
0-60	1685	78.5
0-90	2147	100
90-180	0	0
0-180	2147	100

Candela Table

Vertical Angles	Candela
0	758
5	754
15	725
25	671
35	593
45	497

Test Information
Test Number: NTS343R1
Part Number: NSPD-12/SCW
Beam Spread: 111° Wide Flood
Lumens: 2239lm
Wattage: 21.256W
Efficacy: 105lpw
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
10'	7.9fc	29'-3"
12'	5.5fc	35'-2"
14'	4.0fc	41'
16'	3.1fc	46'-10"
18'	2.4fc	52'-8"

Zonal Lumen Summary

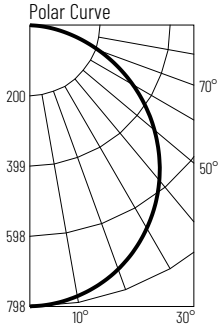
Zone	Lumens	% Luminaire
0-30	611	27.3
0-40	997	44.6
0-60	1758	78.5
0-90	2239	100
90-180	0	0
0-180	2239	100

Candela Table

Vertical Angles	Candela
0	791
5	786
15	756
25	700
35	619
45	518

Test Information
Test Number: NTS344R1
Part Number: NSPD-12/SCW
Beam Spread: 111° Wide Flood
Lumens: 2259lm
Wattage: 21.256W
Efficacy: 106lpw
CCT / CRI: 4000K / 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
10'	8.0fc	29'-3"
12'	5.5fc	35'-2"
14'	4.1fc	41'
16'	3.1fc	46'-10"
18'	2.5fc	52'-8"

Zonal Lumen Summary

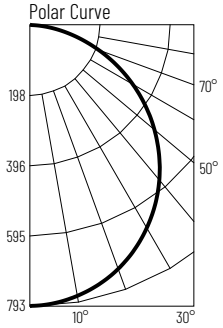
Zone	Lumens	% Luminaire
0-30	616	27.3
0-40	1006	44.6
0-60	1773	78.5
0-90	2259	100
90-180	0	0
0-180	2259	100

Candela Table

Vertical Angles	Candela
0	798
5	793
15	763
25	706
35	624
45	523

Test Information
Test Number: NTS345R1
Part Number: NSPD-12/SCW
Beam Spread: 111° Wide Flood
Lumens: 2245lm
Wattage: 21.256W
Efficacy: 106lpw
CCT / CRI: 5000K / 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
10'	7.9fc	29'-3"
12'	5.5fc	35'-2"
14'	4.0fc	41'
16'	3.1fc	46'-10"
18'	2.4fc	52'-8"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	612	27.3
0-40	1000	44.6
0-60	1762	78.5
0-90	2245	100
90-180	0	0
0-180	2245	100

Candela Table

Vertical Angles	Candela
0	793
5	789
15	759
25	702
35	620
45	520

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Tel 323.767.2600 | www.noralighting.com | e-mail: nora@noralighting.com
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PHOTOMETRICS

1' x 4' LED Surface Mount Panels with Selectable Lumens & CCT

Type

Project

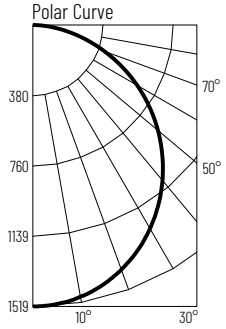
Catalog No.

Notes

Test Information

Test Number: NTS356R1
Part Number: NSPDSW-14/SCW
Beam Spread: 110° Wide Flood
Lumens: 4254lm
Wattage: 40.64W
Efficacy: 105lpw
CCT / CRI: 2700K / 90 CRI
Spacing Criteria (0°-180°): 1.26
Spacing Criteria (90°-270°): 1.24

Polar Curve



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
10'	15.2fc	28'-8"
12'	10.5fc	34'-5"
14'	7.7fc	40'-2"
16'	5.9fc	45'-11"
18'	4.7fc	51'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1169	27.5
0-40	1906	44.8
0-60	3345	78.6
0-90	4254	100
90-180	0	0
0-180	4254	100

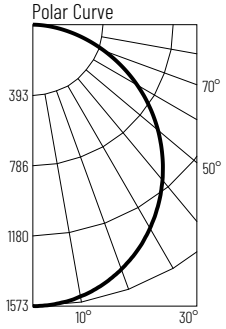
Candela Table

Vertical Angles	Candela
0	1519
5	1510
15	1451
25	1338
35	1179
45	983

Test Information

Test Number: NTS357R1
Part Number: NSPDSW-14/SCW
Beam Spread: 110° Wide Flood
Lumens: 4406lm
Wattage: 40.64W
Efficacy: 108lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 1.26
Spacing Criteria (90°-270°): 1.24

Polar Curve



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
10'	15.7fc	28'-8"
12'	10.9fc	34'-5"
14'	8.0fc	40'-2"
16'	6.1fc	45'-11"
18'	4.9fc	51'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1211	27.5
0-40	1974	44.8
0-60	3465	78.6
0-90	4406	100
90-180	0	0
0-180	4406	100

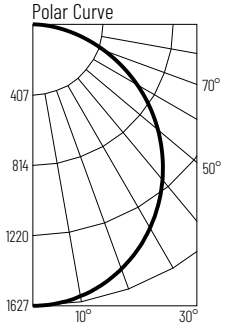
Candela Table

Vertical Angles	Candela
0	1573
5	1564
15	1503
25	1386
35	1221
45	1018

Test Information

Test Number: NTS358R1
Part Number: NSPDSW-14/SCW
Beam Spread: 110° Wide Flood
Lumens: 4557lm
Wattage: 40.64W
Efficacy: 112lpw
CCT / CRI: 3500K / 90 CRI
Spacing Criteria (0°-180°): 1.26
Spacing Criteria (90°-270°): 1.24

Polar Curve



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
10'	16.3fc	28'-8"
12'	11.3fc	34'-5"
14'	8.3fc	40'-2"
16'	6.4fc	45'-11"
18'	5.0fc	51'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1253	27.5
0-40	2042	44.8
0-60	3584	78.7
0-90	4557	100
90-180	0	0
0-180	4557	100

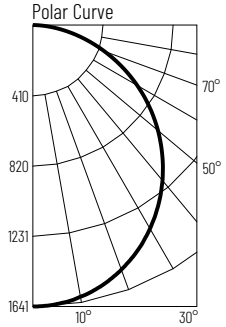
Candela Table

Vertical Angles	Candela
0	1627
5	1618
15	1554
25	1434
35	1263
45	1053

Test Information

Test Number: NTS359R1
Part Number: NSPDSW-14/SCW
Beam Spread: 110° Wide Flood
Lumens: 4595lm
Wattage: 40.64W
Efficacy: 113lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180°): 1.26
Spacing Criteria (90°-270°): 1.24

Polar Curve



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
10'	16.4fc	28'-8"
12'	11.4fc	34'-5"
14'	8.4fc	40'-2"
16'	6.4fc	45'-11"
18'	5.1fc	51'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1263	27.5
0-40	2059	44.8
0-60	3614	78.6
0-90	4595	100
90-180	0	0
0-180	4595	100

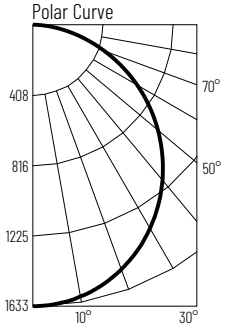
Candela Table

Vertical Angles	Candela
0	1641
5	1632
15	1567
25	1445
35	1273
45	1062

Test Information

Test Number: NTS360R1
Part Number: NSPDSW-14/SCW
Beam Spread: 110° Wide Flood
Lumens: 4573lm
Wattage: 40.64W
Efficacy: 113lpw
CCT / CRI: 5000K / 90 CRI
Spacing Criteria (0°-180°): 1.26
Spacing Criteria (90°-270°): 1.24

Polar Curve



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
10'	16.3fc	28'-8"
12'	11.3fc	34'-5"
14'	8.3fc	40'-2"
16'	6.4fc	45'-11"
18'	5.0fc	51'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1257	27.5
0-40	2049	44.8
0-60	3596	78.6
0-90	4573	100
90-180	0	0
0-180	4573	100

Candela Table

Vertical Angles	Candela
0	1633
5	1624
15	1560
25	1438
35	1267
45	1057

NORA LIGHTING
6505 Gayhart Street, Commerce, CA 90040
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