

NELOSW

ELO LED Surface Mount Luminaire with Selectable Lumens & CCT

Source: 7W to 16W LED

700lm to 1550lm

PRODUCT DESCRIPTION

ELO LED luminaires are a thin 5/8" surface mounted luminaire with two tunable switches; Selectable Lumens allows the end user to determine the wattage input & Selectable CCT changes the color temperature appearance. Luminaires are available in 4", 6" or 8" sizes and mounts easily over a standard or fire rated junction boxes.

FEATURES

- Selectable Lumen switch changes output from 700lm to 1550lm
- Five color temperatures in each fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- 120-277VAC input; 0-10V dimming
- Available in three sizes (4", 6" or 8")
- cETLus Listed for Wet Locations
- 5-Year Limited Warranty

SPECIFICATION

Construction: Dead front (non-metallic) polycarbonate luminaire with integral driver and two switches (Selectable Lumens & CCT). Gasket included for airtight and wet location listing without additional caulking.

Mounting: Steel bracket can be used to surface mount onto a junction box. EVA foam gasket provided for wet location applications.

ELECTRICAL

Input Voltage: 120-277VAC

Lumens / Wattage:

	NELOSW-4RTW	NELOSW-6RTW	NELOSW-8RTW
Lumens	700lm / 900lm / 1150lm	950lm / 1250lm / 1550lm	1050lm / 1350lm / 1550lm
Wattage	7W / 9W / 13W	8W / 11W / 15W	10W / 13W / 16W

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

Color Rendering Index: 90+ CRI

Operating Temperature: -25°C to 40°C

Lifetime: >50,000 hours (L70)

Dimming: 0-10V

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

OPTIONAL ACCESSORIES

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 Locations
- FCC certified
- [5-Year Limited Warranty](#)
- Certified to the high efficacy requirements of California Title 24 JA8-2025
- Suitable for use in closets when installed in accordance to NEC Section 410.16 (A)(1) and 410.16 (C)(1)



Type

Project

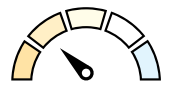
Catalog No.

Notes

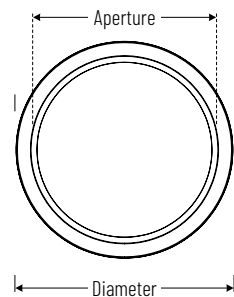
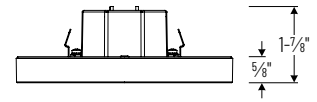
PRODUCT IMAGES & DIMENSIONS



Selectable Lumens
Three position sliding switch



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



	Diameter:	Aperture:
NELOSW-4RTW	5-1/4"	4-1/4"
NELOSW-6RTW	7"	6"
NELOSW-8RTW	8-7/8"	7-7/8"

ELO LED Surface Mount Luminaire with Selectable Lumens & CCT

Size / Lumens / Wattage / Finish

- **NELOSW-4RTWMPWLE4** = 4" ELO with Selectable Lumens & CCT, Up to 1150lm / 13W, White Finish
- **NELOSW-6RTWMPWLE4** = 6" ELO with Selectable Lumens & CCT, Up to 1550lm / 15W, White Finish
- **NELOSW-8RTWMPWLE4** = 8" ELO with Selectable Lumens & CCT, Up to 1550lm / 16W, White Finish

Optional Accessories

Description

- **NEPK-23LEDUNV** = 23W Emergency LED Driver w/ Remote Test Switch
- **NEPKA-20/23LEDRTS** = Ribbon Test Switch for NEPK-23LEDUNV

Example: **NELOSW-8RTWMPWLE4** = 8" ELO LED Surface Mount Luminaire with Selectable Lumens & CCT, White finish

NELOS

ELO LED Surface Mount Luminaire with Selectable Lumens & CCT Accessories

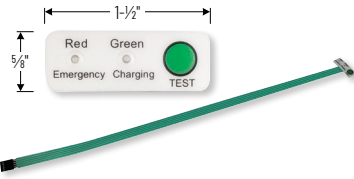
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Notes	



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

4" ELO LED Surface Mount Luminaire with Selectable Lumens & CCT

Type

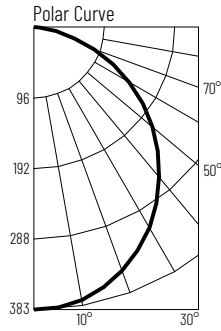
Project

Catalog No.

Notes

Test Information

Test Number: NTS290R1
 Part Number: NELOSW-4RTWMPW
 Beam Spread: 109° Wide Flood
 Lumens: 1064lm
 Wattage: 12.71W
 Efficacy: 84lpw
 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'	23.8fc	11'-5"
6'	10.6fc	17'-1"
8'	5.9fc	22'-10"
10'	3.8fc	28'-6"
12'	2.6fc	34'-2"

Zonal Lumen Summary

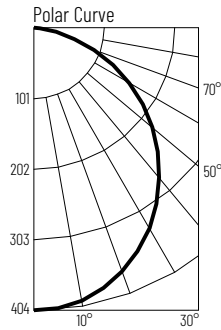
Zone	Lumens	% Luminaire
0-30	243	22.9
0-40	404	38
0-60	821	77.1
0-90	1064	100
90-180	0	0
0-180	1064	100

Candela Table

Vertical Angles	Candela
0	380
5	377
15	363
25	337
35	298
45	249

Test Information

Test Number: NTS291R1
 Part Number: NELOSW-4RTWMPW
 Beam Spread: 109° Wide Flood
 Lumens: 1122lm
 Wattage: 12.47W
 Efficacy: 90lpw
 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'	25.1fc	11'-5"
6'	11.1fc	17'-1"
8'	6.3fc	22'-10"
10'	4fc	28'-6"
12'	2.8fc	34'-2"

Zonal Lumen Summary

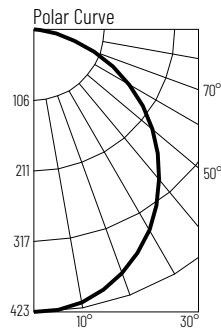
Zone	Lumens	% Luminaire
0-30	256	22.9
0-40	426	38
0-60	865	77.1
0-90	1122	100
90-180	0	0
0-180	1122	100

Candela Table

Vertical Angles	Candela
0	401
5	397
15	383
25	355
35	315
45	263

Test Information

Test Number: NTS292R1
 Part Number: NELOSW-4RTWMPW
 Beam Spread: 108° Wide Flood
 Lumens: 1173lm
 Wattage: 12.17W
 Efficacy: 96lpw
 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'	26.2fc	11'-5"
6'	11.6fc	17'-1"
8'	6.6fc	22'-10"
10'	4.2fc	28'-6"
12'	2.9fc	34'-2"

Zonal Lumen Summary

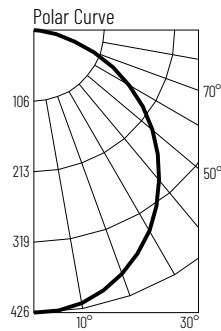
Zone	Lumens	% Luminaire
0-30	268	22.9
0-40	445	38
0-60	905	77.1
0-90	1173	100
90-180	0	0
0-180	1173	100

Candela Table

Vertical Angles	Candela
0	419
5	415
15	400
25	371
35	329
45	274

Test Information

Test Number: NTS293R1
 Part Number: NELOSW-4RTWMPW
 Beam Spread: 108° Wide Flood
 Lumens: 1181lm
 Wattage: 12.28W
 Efficacy: 96lpw
 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'	26.4fc	11'-5"
6'	11.7fc	17'-1"
8'	6.6fc	22'-10"
10'	4.2fc	28'-6"
12'	2.9fc	34'-2"

Zonal Lumen Summary

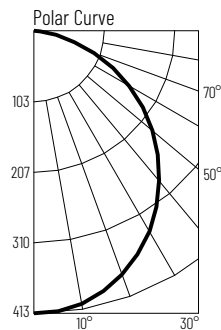
Zone	Lumens	% Luminaire
0-30	270	22.9
0-40	448	38
0-60	911	77.1
0-90	1181	100
90-180	0	0
0-180	1181	100

Candela Table

Vertical Angles	Candela
0	422
5	418
15	403
25	374
35	331
45	276

Test Information

Test Number: NTS294R1
 Part Number: NELOSW-4RTWMPW
 Beam Spread: 108° Wide Flood
 Lumens: 1147lm
 Wattage: 12.7W
 Efficacy: 90lpw
 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'	25.6fc	11'-5"
6'	11.4fc	17'-1"
8'	6.4fc	22'-10"
10'	4.1fc	28'-6"
12'	2.9fc	34'-2"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	262	22.9
0-40	436	38
0-60	885	77.1
0-90	1147	100
90-180	0	0
0-180	1147	100

Candela Table

Vertical Angles	Candela
0	410
5	406
15	392
25	363
35	322
45	268

PHOTOMETRICS

6" ELO LED Surface Mount Luminaire with Selectable Lumens & CCT

Type

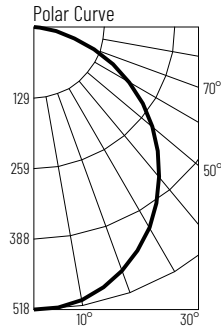
Project

Catalog No.

Notes

Test Information

Test Number: NTS270R1
 Part Number: NELOSW-6RTWMPW
 Beam Spread: 109° Wide Flood
 Lumens: 1422lm
 Wattage: 14.51W
 Efficacy: 98lpw
 CCT / CRI: 2700K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	32.2fc	11'-2"
6'	14.3fc	16'-10"
8'	8.1fc	22'-5"
10'	5.2fc	28'
12'	3.6fc	33'-7"

Zonal Lumen Summary

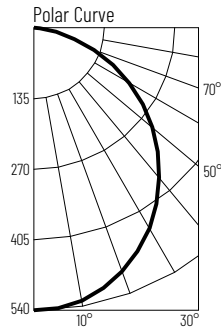
Zone	Lumens	% Luminaire
0-30	329	23.1
0-40	545	38.3
0-60	1100	77.3
0-90	1422	100
90-180	0	0
0-180	1422	100

Candela Table

Vertical Angles	Candela
0	516
5	512
15	491
25	453
35	397
45	328

Test Information

Test Number: NTS271R1
 Part Number: NELOSW-6RTWMPW
 Beam Spread: 109° Wide Flood
 Lumens: 1484lm
 Wattage: 14.28W
 Efficacy: 104lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	33.6fc	11'-2"
6'	15fc	16'-10"
8'	8.4fc	22'-5"
10'	5.4fc	28'
12'	3.7fc	33'-7"

Zonal Lumen Summary

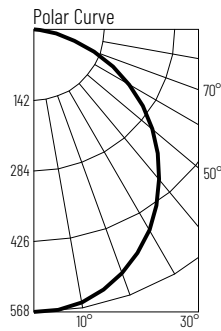
Zone	Lumens	% Luminaire
0-30	415	28
0-40	676	45.6
0-60	1180	79.6
0-90	1484	100
90-180	0	0
0-180	1484	100

Candela Table

Vertical Angles	Candela
0	538
5	535
15	513
25	473
35	416
45	342

Test Information

Test Number: NTS272R1
 Part Number: NELOSW-6RTWMPW
 Beam Spread: 108° Wide Flood
 Lumens: 1549lm
 Wattage: 14.03W
 Efficacy: 110lpw
 CCT / CRI: 3500K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.22



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	35.4fc	11'-1"
6'	15.7fc	16'-8"
8'	8.9fc	22'-2"
10'	5.7fc	27'-10"
12'	3.9fc	33'-4"

Zonal Lumen Summary

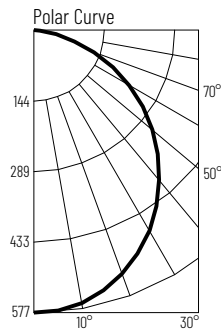
Zone	Lumens	% Luminaire
0-30	436	28.2
0-40	710	45.8
0-60	1237	79.8
0-90	1549	100
90-180	0	0
0-180	1549	100

Candela Table

Vertical Angles	Candela
0	566
5	562
15	538
25	495
35	433
45	356

Test Information

Test Number: NTS273R1
 Part Number: NELOSW-6RTWMPW
 Beam Spread: 108° Wide Flood
 Lumens: 1577lm
 Wattage: 14.16W
 Efficacy: 111lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	36.1fc	11'-1"
6'	16fc	16'-8"
8'	9fc	22'-2"
10'	5.8fc	27'-10"
12'	4fc	33'-4"

Zonal Lumen Summary

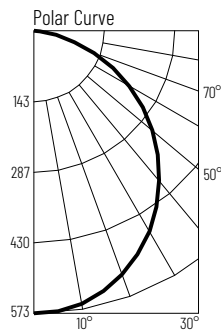
Zone	Lumens	% Luminaire
0-30	444	28.2
0-40	723	45.9
0-60	1259	79.8
0-90	1577	100
90-180	0	0
0-180	1577	100

Candela Table

Vertical Angles	Candela
0	577
5	573
15	550
25	506
35	444
45	365

Test Information

Test Number: NTS274R1
 Part Number: NELOSW-6RTWMPW
 Beam Spread: 108° Wide Flood
 Lumens: 1561lm
 Wattage: 14.52W
 Efficacy: 108lpw
 CCT / CRI: 5000K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	35.7fc	11'-1"
6'	15.9fc	16'-7"
8'	8.9fc	22'-1"
10'	5.7fc	27'-7"
12'	4fc	33'-2"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	440	28.2
0-40	716	45.9
0-60	1246	79.9
0-90	1561	100
90-180	0	0
0-180	1561	100

Candela Table

Vertical Angles	Candela
0	571
5	567
15	544
25	501
35	439
45	361

PHOTOMETRICS

8" ELO LED Surface Mount Luminaire with Selectable Lumens & CCT

Type

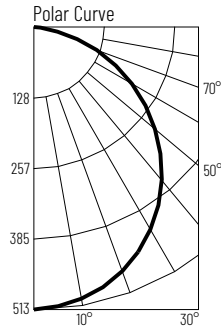
Project

Catalog No.

Notes

Test Information

Test Number: NTS285R1
 Part Number: NELOSW-8RTWMPW
 Beam Spread: 109° Wide Flood
 Lumens: 1418lm
 Wattage: 15W
 Efficacy: 95lpw
 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
6'	14.2fc	16'-11"
8'	8fc	22'-6"
10'	5.1fc	28'-1"
12'	3.6fc	33'-10"
14'	2.6fc	39'-5"

Zonal Lumen Summary

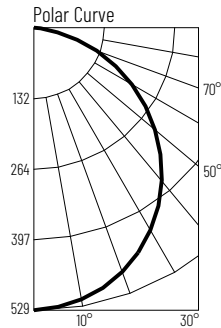
Zone	Lumens	% Luminaire
0-30	395	27.8
0-40	644	45.4
0-60	1126	79.5
0-90	1418	100
90-180	0	0
0-180	1418	100

Candela Table

Vertical Angles	Candela
0	511
5	507
15	489
25	454
35	401
45	334

Test Information

Test Number: NTS286R1
 Part Number: NELOSW-8RTWMPW
 Beam Spread: 109° Wide Flood
 Lumens: 1468lm
 Wattage: 14.88W
 Efficacy: 99lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	14.7fc	17'-1"
8'	8.3fc	22'-10"
10'	5.3fc	28'-6"
12'	3.7fc	34'-2"
14'	2.7fc	39'-11"

Zonal Lumen Summary

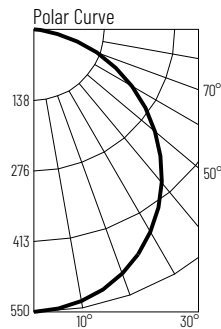
Zone	Lumens	% Luminaire
0-30	408	27.8
0-40	666	45.4
0-60	1166	79.4
0-90	1468	100
90-180	0	0
0-180	1468	100

Candela Table

Vertical Angles	Candela
0	528
5	524
15	502
25	463
35	405
45	333

Test Information

Test Number: NTS287R1
 Part Number: NELOSW-8RTWMPW
 Beam Spread: 109° Wide Flood
 Lumens: 1527lm
 Wattage: 14.52W
 Efficacy: 105lpw
 CCT / CRI: 3500K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.26



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	15.3fc	17'
8'	8.6fc	22'-8"
10'	5.5fc	28'-5"
12'	3.8fc	34'-1"
14'	2.8fc	39'-8"

Zonal Lumen Summary

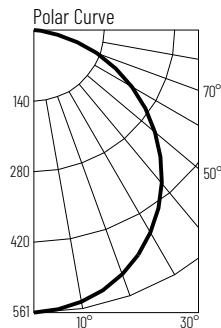
Zone	Lumens	% Luminaire
0-30	425	27.8
0-40	693	45.4
0-60	1213	79.5
0-90	1527	100
90-180	0	0
0-180	1527	100

Candela Table

Vertical Angles	Candela
0	550
5	546
15	524
25	484
35	426
45	351

Test Information

Test Number: NTS288R1
 Part Number: NELOSW-8RTWMPW
 Beam Spread: 109° Wide Flood
 Lumens: 1557lm
 Wattage: 14.76W
 Efficacy: 105lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.24



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	15.6fc	17'-1"
8'	8.8fc	22'-11"
10'	5.6fc	28'-7"
12'	3.9fc	34'-4"
14'	2.9fc	40'

Zonal Lumen Summary

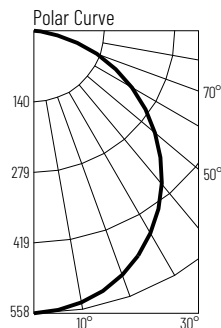
Zone	Lumens	% Luminaire
0-30	433	27.8
0-40	707	45.4
0-60	1237	79.4
0-90	1557	100
90-180	0	0
0-180	1557	100

Candela Table

Vertical Angles	Candela
0	561
5	556
15	534
25	492
35	432
45	356

Test Information

Test Number: NTS289R1
 Part Number: NELOSW-8RTWMPW
 Beam Spread: 109° Wide Flood
 Lumens: 1549lm
 Wattage: 15W
 Efficacy: 103lpw
 CCT / CRI: 5000K / 90 CRI
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.26



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	15.5fc	17'
8'	8.7fc	22'-8"
10'	5.6fc	28'-5"
12'	3.9fc	34'
14'	2.8fc	39'-8"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	431	27.8
0-40	703	45.4
0-60	1231	79.5
0-90	1549	100
90-180	0	0
0-180	1549	100

Candela Table

Vertical Angles	Candela
0	558
5	554
15	532
25	491
35	432
45	358