

# NRLM Series

## RLM LED Shades

Source: 15W to 48W LED  
1200lm to 3800lm

Type \_\_\_\_\_

Project \_\_\_\_\_

Catalog No. \_\_\_\_\_

Notes \_\_\_\_\_

### PRODUCT DESCRIPTION

A beautiful timeless aluminum spun shade fits many decors. The LED optics are deep set in the bowl for even distribution and visual comfort. Shades are available in three sizes and multiple finishes.

### FEATURES

- Over 80% energy savings when compared to incandescent
- 8", 10" or 16" diameter shades
- 1200lm, 2000lm, 2200lm, 2500lm, 3000lm or 3800lm output
- Field adjustable pendant cord or stem mounted up to 96"
- Built-in dimmable LED driver allows for minimal canopy size
- 5-year limited warranty

### SPECIFICATION

**Construction:** Heavy duty spun aluminum alloy, suitable for residential and commercial LED lighting needs. Integral driver in shade allows for minimal canopy size.

### INSTALLATION

**Cable Mount:** Luminaire includes 8' of field cuttable cable and canopy. Optional 20' cable available, consult factory.

**Stem Mount:** Luminaire includes a swivel canopy and 12" internally threaded stem(s) for attaching together. Stem length must be specified on part number. Swivel canopy is compatible with sloped ceilings with a ceiling pitch from 1/12 to 10/12.

**Finish:** Outer shade finishes include black, gun metal or white. Inner shade reflector is white.

### ELECTRICAL

**Input Voltage:** 120V / 277V

**Lumens / Wattage / Shade Size:**

10 = 1200lm / 15W / 8"

18 = 2200lm / 30W / 8"

20 = 2000lm / 23W / 10"

30 = 3000lm / 36W / 10"

25 = 2500lm / 27W / 16"

38 = 3800lm / 48W / 16"

**Color Temperature:** 3000K, 3500K or 4000K

**Color Rendering Index:** 90+CRI

**Dimming:** Dimmable down to 10% with ELV or 0-10V and 20% with Triac dimmer.

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

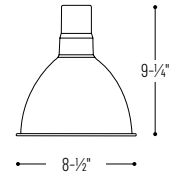
**Emergency:** Luminaire is compatible with [NEPK-20LEDUNV](#) (ordered separately). Remote mounted battery operates luminaire for 90 minute emergency operation with a fully charged battery.

### LABELS AND LISTINGS

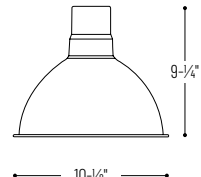
- cULus Listed for Damp Locations
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- Certified to the high efficacy requirements of California Title 24 JA8-2022



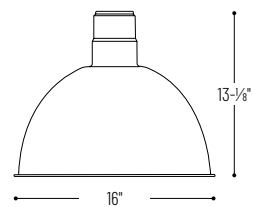
### PRODUCT IMAGES & DIMENSIONS



**NRLM-8**  
8" Shade



**NRLM-10**  
10" Shade



**NRLM-16**  
16" Shade

### RLM LED Shades

Shade Diameter	Mounting Type	Lumens / Wattage	CCT	Shade Finish	Stem Length (ST only)
<b>NRLM-8</b> = 8" Shade	<b>C</b> = 8' Cable	<b>10</b> = 1200lm / 15W (8" only)	<b>30</b> = 30K	<b>BWLE4</b> = Black Outer / White Inner	<b>/12</b> = 12" Stem
<b>NRLM-10</b> = 10" Shade	<b>ST</b> = Stem	<b>18</b> = 2200lm / 30W (8" only)	<b>35</b> = 35K	<b>GMWLE4</b> = Gun Metal Outer / White Inner	<b>/24</b> = 24" Stem
<b>NRLM-16</b> = 16" Shade		<b>20</b> = 2000lm / 23W (10" only)	<b>40</b> = 40K	<b>WWLE4</b> = White Outer / White Inner	<b>/36</b> = 36" Stem
		<b>30</b> = 3000lm / 36W (10" only)			<b>/48</b> = 48" Stem
		<b>25</b> = 2500lm / 27W (16" only)			<b>/60</b> = 60" Stem
		<b>38</b> = 3800lm / 48W (16" only)			<b>/72</b> = 72" Stem
					<b>/84</b> = 84" Stem
					<b>/96</b> = 96" Stem

### Emergency Battery Backup

Description
<b>NEPK-20LEDUNV</b> = Battery w/ Remote Test Switch

Example: **NRLM-10C3035BWLE4** = 10" RLM LED Shade with 8' Cable, 3000lm / 36W, 3500K, Black Outer / White Inner Finish

# PHOTOMETRICS

## RLM LED Shades

Type

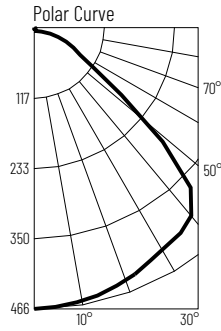
Project

Catalog No.

Notes

### Test Information

Test Number: NTP103  
 Part Number: NRLM-8C1030BWLE4  
 Lumens: 1228lm  
 Wattage: 13.81W  
 Efficacy: 89lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180): 1.4  
 Spacing Criteria (90°-270): 1.4



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	29.1fc	10'-2"
6'	12.9fc	15'-2"
8'	7.3fc	20'-4"
10'	4.7fc	25'-5"
12'	3.2fc	30'-6"

### Zonal Lumen Summary

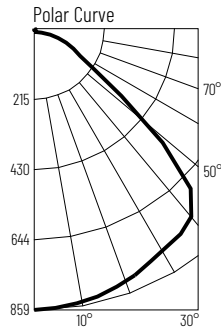
Zone	Lumens	% Luminaire
0-30	307	25
0-40	526	42.8
0-60	1050	85.5
0-90	1211	98.6
90-180	17	1.4
0-180	1228	100

### Candela Table

Vertical Angles	Candela
0	466
5	464
15	454
25	436
35	420
45	372

### Test Information

Test Number: NTP104  
 Part Number: NRLM-8C1830BWLE4  
 Lumens: 2260lm  
 Wattage: 28.22W  
 Efficacy: 80lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180): 1.4  
 Spacing Criteria (90°-270): 1.4



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	53.7fc	10'-2"
6'	23.9fc	15'-2"
8'	13.4fc	20'-4"
10'	8.6fc	25'-5"
12'	6fc	30'-6"

### Zonal Lumen Summary

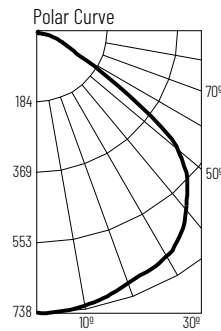
Zone	Lumens	% Luminaire
0-30	690	30.6
0-40	1174	52
0-60	1961	86.8
0-90	2229	98.6
90-180	31	1.4
0-180	2260	100

### Candela Table

Vertical Angles	Candela
0	859
5	857
15	837
25	804
35	773
45	665

### Test Information

Test Number: NTP100  
 Part Number: NRLM-10C2030BWLE4  
 Lumens: 1921lm  
 Wattage: 23.1W  
 Efficacy: 83lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180): 1.38  
 Spacing Criteria (90°-270): 1.38



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	46fc	11'-1"
6'	20.4fc	16'-8"
8'	11.5fc	22'-2"
10'	7.4fc	27'-10"
12'	5.1fc	33'-4"

### Zonal Lumen Summary

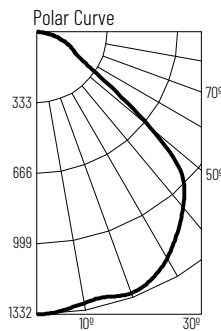
Zone	Lumens	% Luminaire
0-30	591	30.8
0-40	1000	52.1
0-60	1732	90.2
0-90	1906	99.2
90-180	15.5	0.8
0-180	1921	100

### Candela Table

Vertical Angles	Candela
0	736
5	734
15	717
25	689
35	657
45	562

### Test Information

Test Number: 12311299.01  
 Part Number: NRLM-10C3030BWLE4  
 Lumens: 3223lm  
 Wattage: 34.7W  
 Efficacy: 93lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180): 1.36  
 Spacing Criteria (90°-270): 1.36



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	83.3fc	9'-8"
6'	37fc	14'-6"
8'	20.8fc	19'-5"
10'	13.3fc	24'-2"
12'	9.3fc	29'

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1086	33.7
0-40	1812	56.2
0-60	2894	89.8
0-90	3223	100
90-180	0	0
0-180	3223	100

### Candela Table

Vertical Angles	Candela
0	1332
5	1321
15	1294
25	1288
35	1159
45	978

# PHOTOMETRICS

## RLM LED Shades

Type \_\_\_\_\_

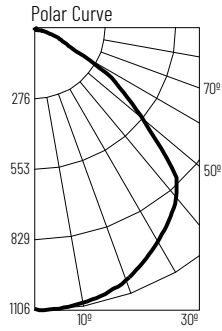
Project \_\_\_\_\_

Catalog No. \_\_\_\_\_

Notes \_\_\_\_\_

### Test Information

Test Number: NTP101  
 Part Number: NRLM-16C2530BWLE4  
 Lumens: 2654lm  
 Wattage: 27.3W  
 Efficacy: 97lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180): 1.3  
 Spacing Criteria (90°-270): 1.3



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	68.8fc	10'-5"
6'	30.6fc	15'-7"
8'	17.2fc	20'-10"
10'	11fc	26'
12'	7.6fc	31'-2"

### Zonal Lumen Summary

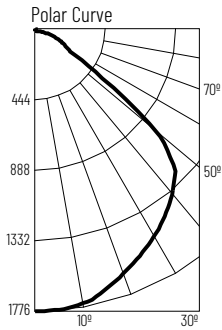
Zone	Lumens	% Luminaire
0-30	868	32.7
0-40	1440	54.3
0-60	2394	90.2
0-90	2633	99.2
90-180	21	0.8
0-180	2654	100

### Candela Table

Vertical Angles	Candela
0	1100
5	1094
15	1079
25	998
35	914
45	806

### Test Information

Test Number: NTP102  
 Part Number: NRLM-16C3830BWLE4  
 Lumens: 4099lm  
 Wattage: 50W  
 Efficacy: 83lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180): 1.28  
 Spacing Criteria (90°-270): 1.26



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	111fc	10'-1"
6'	49.3fc	15'-1"
8'	27.7fc	20'-1"
10'	17.7fc	25'-2"
12'	12.3fc	30'-2"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1366	33.3
0-40	2257	55.1
0-60	3708	90.5
0-90	4067	99.2
90-180	32	0.8
0-180	4099	100

### Candela Table

Vertical Angles	Candela
0	1775
5	1773
15	1697
25	1565
35	1427
45	1252