

## SPECIFICATION SHEET

JOB NAME: \_\_\_\_\_

LOCATION: \_\_\_\_\_

QUOTE/REF#: \_\_\_\_\_



Cable Mounted



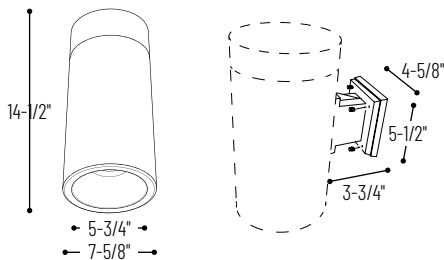
Pendant Mounted



Surface Mounted



Wall Mounted



### PRODUCT DESCRIPTION

Architectural grade LED cylinder featuring a deep cone reflector with deep set optics for optimal visual comfort. Over a thousand options available while utilizing Comfort Dim technology, which warms the color temperature as the luminaire is dimmed.

### FEATURES

- Comfort Dim Technology (warms from 2700K to 1800K)
- LED packages deliver from 850 to 3000 lumens
- 5-Year Limited Warranty
- ENERGY STAR certified

### CONSTRUCTION

**Cylinder Cap:** High quality 0.040" steel cap with universal slots to allow for direct mounting to junction box for surface mount. Incorporates all thread in the center for the installation of a cable or pendant rod kit for the corresponding mounting method. Three screws on the bottom of cap secure cylinder body to cylinder cap. (Adjustable with flathead screw drive)

**Cylinder Body:** 0.040" steel cylindrical body with three keyhole slots allowing body to be installed to cylinder cap. Spring brackets accept torsion wing trim springs. Four butterfly clips also accommodated for spring-less trims.

### INSTALLATION

**Cable Mount:** Cylinder comes with 8' of field cuttable aircraft cable and offset cable (5-wire) for power and dimming.

**Stem Mount:** Cylinder includes a canopy and 7 (three 12" and two 24") internally threaded rods

**Surface & Wall Mount:** Cylinder is supplied with hardware to mount directly over junction box.

### ELECTRICAL

**Input Voltage:** 120V or 277V, must specify

**Lumens / Wattage:** **8** = 850lm / 11W; **1** = 1250lm / 16W; **2** = 2000lm / 25W; **3** = 3000lm / 37W

**CRI:** 90+CRI

**Comfort Dim:** Comfort Dim color tunes the temperature from a bright 2700K, to a romantic and comfortable 1800K on a gradual, even curve.

**Dimming:** ELV or 0-10V dimming, must specify

**Emergency:** Cylinder can be specified with connections for emergency battery installation. Must specify battery with remote test switch separately (NEPK-BSL17C-C2U).

### LABELS AND LISTINGS

- cULus Listed for Damp Locations (Wall Mount is Wet Location)
- ENERGY STAR certified

Mounting Type	Lumens / Wattage	Reflector Type	Color Temp.	Reflector / Flange Finish	Cyl. Finish	Dimming	Cable Mount Only	Optional Emergency
<b>EL-NYLS-6C</b> = Cable	<b>8</b> = 850lm / 11W	<b>1</b> = Reflector	<b>CD</b> = Comfort Dim	<b>BB</b> = Black / Black Flange	<b>B</b> = Black	<b>1</b> = 120V ELV (850-1250lm)	<b>AC</b> = Aircraft cable	<b>/PEM</b> = Pre-wired for
<b>EL-NYLS-6P</b> = Stem <sup>1</sup>	<b>1</b> = 1250lm / 16W	<b>8</b> = Reflector for		<b>BW</b> = Black / White Flange	<b>W</b> = White	120V 0-10V (2000-3000lm)	(cable mount only)	Emergency
<b>EL-NYLS-6S</b> = Surface	<b>2</b> = 2000lm / 25W	Decorative Glass*		<b>DB</b> = Diffused Clear / Black Flange		<b>2</b> = 277V 0-10V		
<b>EL-NYLS-6W</b> = Wall	<b>3</b> = 3000lm / 37W			<b>DD</b> = Diffused Clear / Diffused Flange		<b>4</b> = 120V ELV (2000-3000lm)		
				<b>DW</b> = Diffused Clear / White Flange		120V 0-10V (850lm-1250lm)		
				<b>HB</b> = Haze / Black Flange				
				<b>HW</b> = Haze / White Flange				
				<b>HZ</b> = Haze / Haze Flange				
				<b>WW</b> = White / White Flange				

#### \* Deco Glass Option

- NTG-6B/120** Tempered Blue Glass with 4-3/4" Open Center
- NTG-6B/80** Tempered Blue Glass with 3-1/8" Open Center
- NTG-6CF** Tempered Clear Glass with Frosted Center
- NTG-6FC** Tempered Clear Glass with Clear Center
- NTG-6HC** Tempered Clear Glass with Frosted Center and 3-1/8" Open Center

<sup>1</sup> 0-10V dimming requires an offset nylon sleeve with 2 wires (gray and purple) that run parallel to rod

Example: **EL-NYLS-6C81CDHBBAC** = 6" LED Cylinder, Cable Mount, 850lm / 11W, Comfort Dim, Haze Reflector / Black Flange with Black Cylinder, 120V ELV with Aircraft Cable



**Cable Mounted - Product Images**



**EL-NYLS-6Cx1CDBBBxAC**  
 Black Reflector Black  
 Flange  
 Black Cylinder



**EL-NYLS-6Cx1CDBWBxAC**  
 Black Reflector White  
 Flange  
 Black Cylinder



**EL-NYLS-6Cx1CDDBBxAC**  
 Diffused Clear Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Cx1CDDDBxAC**  
 Diffused Clear Reflector  
 Diffused Flange Black  
 Cylinder



**EL-NYLS-6Cx1CDDWBxAC**  
 Diffused Clear Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Cx1CDHBBxAC**  
 Haze Reflector Black Flange  
 Black Cylinder



**EL-NYLS-6Cx1CDHWBxAC**  
 Haze Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Cx1CDHZBxAC**  
 Haze Reflector  
 Haze Flange  
 Black Cylinder



**EL-NYLS-6Cx1CDWWBxAC**  
 White Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Cx1CDBBWxAC**  
 Black Reflector Black  
 Flange  
 White Cylinder



**EL-NYLS-6Cx1CDBWWxAC**  
 Black Reflector  
 White Flange  
 White Cylinder



**EL-NYLS-6Cx1CDBWxAC**  
 Diffused Clear Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Cx1CDDDWxAC**  
 Diffused Clear Reflector  
 Diffused Flange White  
 Cylinder



**EL-NYLS-6Cx1CDDWWxAC**  
 Diffused Clear Reflector White  
 Flange  
 White Cylinder



**EL-NYLS-6Cx1CDHBWxAC**  
 Haze Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Cx1CDHWWxAC**  
 Haze Reflector  
 White Flange  
 White Cylinder



**EL-NYLS-6Cx1CDHZWxAC**  
 Haze Reflector  
 Haze Flange  
 White Cylinder



**EL-NYLS-6Cx1CDWWWxAC**  
 White Reflector  
 White Flange  
 White Cylinder

**Stem Mounted - Product Images**



**EL-NYLS-6Px1CDBBB**  
 Black Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Px1CDBWB**  
 Black Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Px1CDDBB**  
 Diffused Clear Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Px1CDDDB**  
 Diffused Clear Reflector  
 Diffused Flange  
 Black Cylinder



**EL-NYLS-6Px1CDDWB**  
 Diffused Clear Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Px1CDHBB**  
 Haze Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Px1CDHWB**  
 Haze Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Px1CDHZB**  
 Haze Reflector  
 Haze Flange  
 Black Cylinder



**EL-NYLS-6Px1CDWWB**  
 White Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Px1CDBBW**  
 Black Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Px1CDBWW**  
 Black Reflector  
 White Flange  
 White Cylinder



**EL-NYLS-6Px1CDDBW**  
 Diffused Clear Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Px1CDDWW**  
 Diffused Clear Reflector  
 Diffused Flange  
 White Cylinder



**EL-NYLS-6Px1CDDWW**  
 Diffused Clear Reflector  
 White Flange  
 White Cylinder



**EL-NYLP-6Cx1CDHBB**  
 Haze Reflector  
 Black Flange  
 White Cylinder



**EL-NYLP-6Cx1CDHWW**  
 Haze Reflector  
 White Flange  
 White Cylinder



**EL-NYLP-6Cx1CDHZW**  
 Haze Reflector  
 Haze Flange  
 White Cylinder



**EL-NYLS-6Px1CDWWW**  
 White Reflector  
 White Flange  
 White Cylinder

**Surface Mounted - Product Images**



**EL-NYLS-6Sx1CDBBB**  
 Black Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Sx1CDBWB**  
 Black Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Sx1CDDBB**  
 Diffused Clear Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Sx1CDDDB**  
 Diffused Clear Reflector  
 Diffused Flange  
 Black Cylinder



**EL-NYLS-6Sx1CDDWB**  
 Diffused Clear Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Sx1CDHBB**  
 Haze Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Sx1CDHWB**  
 Haze Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Sx1CDHZB**  
 Haze Reflector  
 Haze Flange  
 Black Cylinder



**EL-NYLS-6Sx1CDWWB**  
 White Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Sx1CDBBW**  
 Black Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Sx1CDBWW**  
 Black Reflector  
 White Flange  
 White Cylinder



**EL-NYLS-6Sx1CDDBW**  
 Diffused Clear Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Sx1CDDWW**  
 Diffused Clear Reflector  
 Diffused Flange  
 White Cylinder



**EL-NYLS-6Sx1CDDWWW**  
 Diffused Clear Reflector  
 White Flange  
 White Cylinder



**EL-NYLS-6Sx1CDHBBW**  
 Haze Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Sx1CDHBBWW**  
 Haze Reflector  
 White Flange  
 White Cylinder



**EL-NYLS-6Sx1CDHZZB**  
 Haze Reflector  
 Haze Flange  
 White Cylinder



**EL-NYLS-6Sx1CDWBBW**  
 White Reflector  
 White Flange  
 White Cylinder

**Wall Mounted - Product Images**



**EL-NYLS-6Wx1CDBBB**  
 Black Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Wx1CDBWB**  
 Black Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Wx1CDDBB**  
 Diffused Clear Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Wx1CDDDB**  
 Diffused Clear Reflector  
 Diffused Flange  
 Black Cylinder



**EL-NYLS-6Wx1CDDWB**  
 Diffused Clear Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Wx1CDHBB**  
 Haze Reflector  
 Black Flange  
 Black Cylinder



**EL-NYLS-6Wx1CDHWB**  
 Haze Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Wx1CDHQB**  
 Haze Reflector  
 Haze Flange  
 Black Cylinder



**EL-NYLS-6Wx1CDQWB**  
 White Reflector  
 White Flange  
 Black Cylinder



**EL-NYLS-6Wx1CDBBW**  
 Black Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Wx1CDBWW**  
 Black Reflector  
 White Flange  
 White Cylinder



**EL-NYLS-6Wx1CDDBW**  
 Diffused Clear Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Wx1CDDWW**  
 Diffused Clear Reflector  
 Diffused Flange  
 White Cylinder



**EL-NYLS-6Wx1CDDWW**  
 Diffused Clear Reflector  
 White Flange  
 White Cylinder



**EL-NYLS-6Wx1CDHQB**  
 Haze Reflector  
 Black Flange  
 White Cylinder



**EL-NYLS-6Wx1CDHWW**  
 Haze Reflector  
 White Flange  
 White Cylinder



**EL-NYLS-6Wx1CDHQWB**  
 Haze Reflector  
 Haze Flange  
 White Cylinder

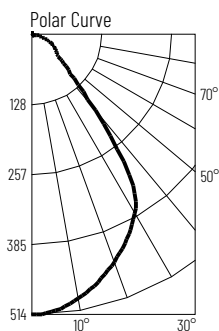


**EL-NYLS-6Wx1CDQWWW**  
 White Reflector  
 White Flange  
 White Cylinder

## PHOTOMETRICS

### Test Information

Test Number: NTR11431  
 Part Number: NYLS-6S81CDWWW  
 Lumens: 769lm  
 Wattage: 10.74W  
 Efficacy: 72lpw  
 CCT / CRI: 2700K / 90 CRI  
 Beam Spread: 74°  
 Spacing Criteria (0°-180°): 1.12  
 Spacing Criteria (90°-270°): 1.12



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	32.1fc	6'-1"
6'	14.3fc	9'-1"
8'	8fc	12'-1"
10'	5.1fc	15'-2"
12'	3.6fc	18'-2"

### Zonal Lumen Summary

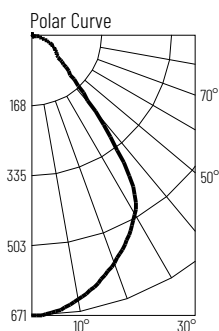
Zone	Lumens	% Luminaire
0-30	371	48.2
0-40	557	72.4
0-60	691	89.8
0-90	764	99.3
90-180	5	0.7
0-180	769	100

### Candela Table

Vertical Angles	Candela
0	514
5	508
15	470
25	414
35	313
45	101

### Test Information

Test Number: NTR11428  
 Part Number: NYLS-6S11CDWWW  
 Lumens: 984lm  
 Wattage: 15.53W  
 Efficacy: 63lpw  
 CCT / CRI: 2700K / 90 CRI  
 Beam Spread: 74°  
 Spacing Criteria (0°-180°): 1.1  
 Spacing Criteria (90°-270°): 1.1



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	41.9fc	6'
6'	18.6fc	9'
8'	10.5fc	12'
10'	6.7fc	15'
12'	4.7fc	18'

### Zonal Lumen Summary

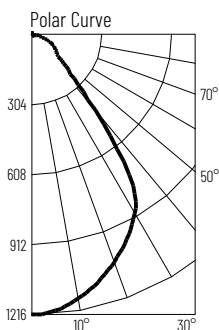
Zone	Lumens	% Luminaire
0-30	480	48.7
0-40	715	72.6
0-60	884	89.8
0-90	977	99.3
90-180	7	0.7
0-180	984	100

### Candela Table

Vertical Angles	Candela
0	671
5	663
15	612
25	533
35	393
45	128

### Test Information

Test Number: NTR11429  
 Part Number: NYLS-6S21CDWWW  
 Lumens: 1838lm  
 Wattage: 26.01W  
 Efficacy: 71lpw  
 CCT / CRI: 2700K / 90 CRI  
 Beam Spread: 75°  
 Spacing Criteria (0°-180°): 1.12  
 Spacing Criteria (90°-270°): 1.12



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	76fc	6'-1"
6'	33.8fc	9'-1"
8'	19fc	12'-2"
10'	12.2fc	15'-2"
12'	8.5fc	18'-4"

### Zonal Lumen Summary

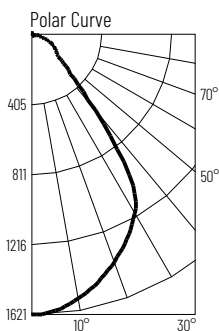
Zone	Lumens	% Luminaire
0-30	876	47.6
0-40	1318	71.7
0-60	1650	89.7
0-90	1823	99.2
90-180	15	0.8
0-180	1838	100

### Candela Table

Vertical Angles	Candela
0	1216
5	1205
15	1114
25	976
35	741
45	257

### Test Information

Test Number: NTR11430  
 Part Number: NYLS-6S31CDWWW  
 Lumens: 2453lm  
 Wattage: 36.14W  
 Efficacy: 68lpw  
 CCT / CRI: 2700K / 90 CRI  
 Beam Spread: 75°  
 Spacing Criteria (0°-180°): 1.12  
 Spacing Criteria (90°-270°): 1.12



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	45fc	9'-1"
9'	20fc	13'-8"
12'	11.3fc	18'-2"
15'	7.2fc	22'-10"
18'	5fc	27'-5"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1171	47.7
0-40	1760	71.7
0-60	2199	89.6
0-90	2430	99.1
90-180	22.5	0.9
0-180	2453	100

### Candela Table

Vertical Angles	Candela
0	1621
5	1606
15	1489
25	1306
35	987
45	341