

NYLS-6

6" Comfort Dim Sapphire I Cylinder

Source: 11W to 37W LED
850lm to 3000lm

Type

Project

Catalog No.

Notes

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; 2 = 2000lm / 25W; 3 = 3000lm / 37W

CRI: 90+ CRI

Beam Spread: 75° Narrow Flood

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

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

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
- 5-Year Limited Warranty



PRODUCT IMAGES (ADDITIONAL IMAGES ON NEXT PAGES)



NYLS-6C
Cable Mounted



NYLS-6P
Pendant Mounted

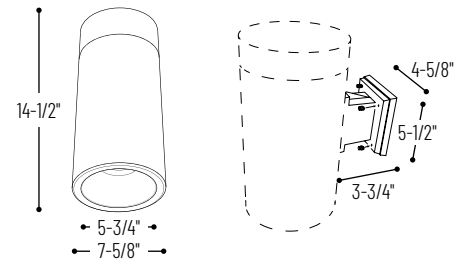


NYLS-6S
Surface Mounted



NYLS-6W
Wall Mounted

PRODUCT DIMENSIONS



6" Comfort Dim Sapphire I Cylinder

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

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

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

NYLS-6C

6" Comfort Dim Sapphire I Cylinder

Source: 11W to 37W LED

850lm to 3000lm

Type

Project

Catalog No.

Notes

Cable Mounted - Product Images



NYLS-6Cx1CDBBBxAC

Black Reflector
Black Flange
Black Cylinder



NYLS-6Cx1CDBWBxAC

Black Reflector
White Flange
Black Cylinder



NYLS-6Cx1CDDBBxAC

Diffused Clear Reflector
Black Flange
Black Cylinder



NYLS-6Cx1CDDDBxAC

Diffused Clear Reflector
Diffused Flange
Black Cylinder



NYLS-6Cx1CDDWBxAC

Diffused Clear Reflector
White Flange
Black Cylinder



NYLS-6Cx1CDHBBxAC

Haze Reflector
Black Flange
Black Cylinder



NYLS-6Cx1CDHWBxAC

Haze Reflector
White Flange
Black Cylinder



NYLS-6Cx1CDHZBxAC

Haze Reflector
Haze Flange
Black Cylinder



NYLS-6Cx1CDWWBxAC

White Reflector
White Flange
Black Cylinder



NYLS-6Cx1CDBBWxAC

Black Reflector
Black Flange
White Cylinder



NYLS-6Cx1CDBWWxAC

Black Reflector
White Flange
White Cylinder



NYLS-6Cx1CDDBWxAC

Diffused Clear Reflector
Black Flange
White Cylinder



NYLS-6Cx1CDDWxAC

Diffused Clear Reflector
Diffused Flange
White Cylinder



NYLS-6Cx1CDDWWxAC

Diffused Clear Reflector
White Flange
White Cylinder



NYLS-6Cx1CDHBWxAC

Haze Reflector
Black Flange
White Cylinder



NYLS-6Cx1CDHWWxAC

Haze Reflector
White Flange
White Cylinder



NYLS-6Cx1CDHZWxAC

Haze Reflector
Haze Flange
White Cylinder



NYLS-6Cx1CDWWWxAC

White Reflector
White Flange
White Cylinder

NYLS-6P

6" Comfort Dim Sapphire I Cylinder

Source: 11W to 37W LED

850lm to 3000lm

Type

Project

Catalog No.

Notes

Stem Mounted - Product Images



NYLS-6Px1CDBBB

Black Reflector
Black Flange
Black Cylinder



NYLS-6Px1CDBWB

Black Reflector
White Flange
Black Cylinder



NYLS-6Px1CDDBB

Diffused Clear Reflector
Black Flange
Black Cylinder



NYLS-6Px1CDDDB

Diffused Clear Reflector
Diffused Flange
Black Cylinder



NYLS-6Px1CDDWB

Diffused Clear Reflector
White Flange
Black Cylinder



NYLS-6Px1CDHBB

Haze Reflector
Black Flange
Black Cylinder



NYLS-6Px1CDHWB

Haze Reflector
White Flange
Black Cylinder



NYLS-6Px1CDHZB

Haze Reflector
Haze Flange
Black Cylinder



NYLS-6Px1CDWWB

White Reflector
White Flange
Black Cylinder



NYLS-6Px1CDBBW

Black Reflector
Black Flange
White Cylinder



NYLS-6Px1CDBWW

Black Reflector
White Flange
White Cylinder



NYLS-6Px1CDDBW

Diffused Clear Reflector
Black Flange
White Cylinder



NYLS-6Px1CDDDW

Diffused Clear Reflector
Diffused Flange
White Cylinder



NYLS-6Px1CDDWB

Diffused Clear Reflector
White Flange
White Cylinder



NYLP-6Cx1CDHBBW

Haze Reflector
Black Flange
White Cylinder



NYLP-6Cx1CDHWW

Haze Reflector
White Flange
White Cylinder



NYLP-6Cx1CDHZW

Haze Reflector
Haze Flange
White Cylinder



NYLS-6Px1CDWWW

White Reflector
White Flange
White Cylinder

NYLS-6S

6" Comfort Dim Sapphire I Cylinder

Source: 11W to 37W LED

850lm to 3000lm

Type

Project

Catalog No.

Notes

Surface Mounted - Product Images



NYLS-6Sx1CDBBB

Black Reflector
Black Flange
Black Cylinder



NYLS-6Sx1CDBWB

Black Reflector
White Flange
Black Cylinder



NYLS-6Sx1CDDBB

Diffused Clear Reflector
Black Flange
Black Cylinder



NYLS-6Sx1CDDDB

Diffused Clear Reflector
Diffused Flange
Black Cylinder



NYLS-6Sx1CDDWB

Diffused Clear Reflector
White Flange
Black Cylinder



NYLS-6Sx1CDHBB

Haze Reflector
Black Flange
Black Cylinder



NYLS-6Sx1CDHWB

Haze Reflector
White Flange
Black Cylinder



NYLS-6Sx1CDHQB

Haze Reflector
Haze Flange
Black Cylinder



NYLS-6Sx1CDQWB

White Reflector
White Flange
Black Cylinder



NYLS-6Sx1CDBBW

Black Reflector
Black Flange
White Cylinder



NYLS-6Sx1CDBWW

Black Reflector
White Flange
White Cylinder



NYLS-6Sx1CDDBW

Diffused Clear Reflector
Black Flange
White Cylinder



NYLS-6Sx1CDDWW

Diffused Clear Reflector
Diffused Flange
White Cylinder



NYLS-6Sx1CDDWB

Diffused Clear Reflector
White Flange
White Cylinder



NYLS-6Sx1CDHBW

Haze Reflector
Black Flange
White Cylinder



NYLS-6Sx1CDHWW

Haze Reflector
White Flange
White Cylinder



NYLS-6Sx1CDHQB

Haze Reflector
Haze Flange
White Cylinder



NYLS-6Sx1CDQWB

White Reflector
White Flange
White Cylinder

NYLS-6W

6" Comfort Dim Sapphire I Cylinder

Source: 11W to 37W LED

850lm to 3000lm

Type

Project

Catalog No.

Notes

Wall Mounted - Product Images



NYLS-6Wx1CDBBB

Black Reflector
Black Flange
Black Cylinder



NYLS-6Wx1CDBWB

Black Reflector
White Flange
Black Cylinder



NYLS-6Wx1CDDBB

Diffused Clear Reflector
Black Flange
Black Cylinder



NYLS-6Wx1CDDDB

Diffused Clear Reflector
Diffused Flange
Black Cylinder



NYLS-6Wx1CDDWB

Diffused Clear Reflector
White Flange
Black Cylinder



NYLS-6Wx1CDHBB

Haze Reflector
Black Flange
Black Cylinder



NYLS-6Wx1CDHWB

Haze Reflector
White Flange
Black Cylinder



NYLS-6Wx1CDHDB

Haze Reflector
Haze Flange
Black Cylinder



NYLS-6Wx1CDWWB

White Reflector
White Flange
Black Cylinder



NYLS-6Wx1CDBBW

Black Reflector
Black Flange
White Cylinder



NYLS-6Wx1CDBWW

Black Reflector
White Flange
White Cylinder



NYLS-6Wx1CDDBW

Diffused Clear Reflector
Black Flange
White Cylinder



NYLS-6Wx1CDDWW

Diffused Clear Reflector
Diffused Flange
White Cylinder



NYLS-6Wx1CDDWW

Diffused Clear Reflector
White Flange
White Cylinder



NYLS-6Wx1CDHBW

Haze Reflector
Black Flange
White Cylinder



NYLS-6Wx1CDHWW

Haze Reflector
White Flange
White Cylinder



NYLS-6Wx1CDHWW

Haze Reflector
Haze Flange
White Cylinder



NYLS-6Wx1CDWWW

White Reflector
White Flange
White Cylinder

PHOTOMETRICS

6" Comfort Dim Sapphire I Cylinder

Type

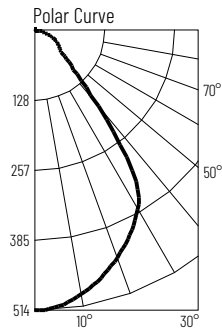
Project

Catalog No.

Notes

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

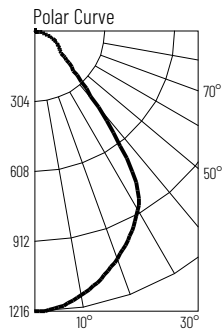
Zone	Lumens	% Luminaire
0-30	371	48.2
0-40	557	72.4
0-60	691	89.8
0-90	764	99.3
90-180	5	0.7
0-180	769	100

Candela Table

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

Test Information

Test Number: 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

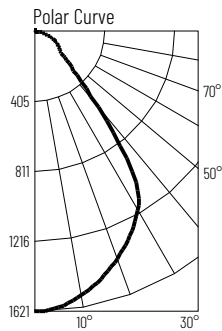
Zone	Lumens	% Luminaire
0-30	876	47.6
0-40	1318	71.7
0-60	1650	89.7
0-90	1823	99.2
90-180	15	0.8
0-180	1838	100

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