

# NYLS2-6

## 6" High Performance Sapphire II Cylinder

Source: 16W to 46W LED  
900lm to 3500lm

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

Architectural grade LED cylinder with specifiable beam spreads for variable ceiling heights. Utilizing the latest COB technology by Cree®, the COB allows for better optic control and uniformity.

### FEATURES

- Cree® COB technology
- Internal thermal protection
- Up to 3500lm output
- 2700K, 3000K, 3500K or 4000K @ 90+ CRI
- 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 swivel canopy and 7' (consisting of (3) 12" and (2) 24") of internally threaded rod. Swivel canopy is compatible with sloped ceilings with a ceiling pitch from 1/12 to 10/12.

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

### ELECTRICAL

**Input Voltage:** 120-277V

**Lumens / Wattage:**

**09** = 900lm / 16W; **15** = 1500lm / 18W; **25** = 2500lm / 27W; **35** = 3500lm / 46W

**Color Temperature:** 2700K, 3000K, 3500K, 4000K

**Color Rendering Index:** 90+ CRI

**Beam Spread:** (S) 45° Spot, (M) 64° Narrow Flood, (F) 79° Flood

**Operating Temperature:** 0-40°C

**Dimming:** Triac, ELV or 0-10V dimming

[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](http://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-07LEDUNV](#)). Not compatible with stem mount option.

### LISTINGS AND WARRANTY

- cULus Listed for Damp Locations (Wall Mount is Wet Location)
- [5-Year Limited Warranty](#)
- ENERGY STAR certified



### PRODUCT IMAGES



**NYLS2-6C**  
Cable Mounted



**NYLS2-6P**  
Pendant Mounted

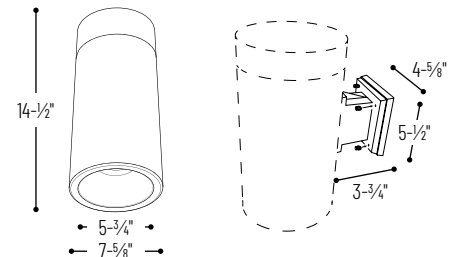


**NYLS2-6S**  
Surface Mounted



**NYLS2-6W**  
Wall Mounted

### PRODUCT DIMENSIONS



### 6" Specifiable Beam Spread Sapphire II Cylinder

Mounting Type	Lumen / Wattage	Reflector Type	Color Temp	Beam Spread	Reflector / Flange Finish	Cyl. Finish	Dimming	Cable Mount Only	Optional Emergency
<b>NYLS2-6P</b> Stem	<b>09</b> = 900lm / 16W	<b>1</b> = Reflector	<b>27</b> = 2700K	<b>S</b> = SP	<b>BB</b> = Black / Black Flange	<b>B</b> = Black	<b>3</b> = 120-277V	<b>(blank)</b> = Not Applicable	<b>(blank)</b> = Not Compatible
<b>NYLS2-6C</b> Cable	<b>15</b> = 1500lm / 18W	<b>8</b> = Reflector for Decorative Glass*	<b>30</b> = 3000K	<b>M</b> = NFL	<b>BW</b> = Black / White Flange	<b>W</b> = White	Triac/ELV/0-10V	<b>AC</b> = Aircraft cable (cable mount only)	<b>/PEM</b> = Pre-wired for Emergency
	<b>25</b> = 2500lm / 27W		<b>35</b> = 3500K	<b>F</b> = FL	<b>CC</b> = Clear / Clear Flange	<b>6</b> = 120-277V 0-10V			
<b>NYLS2-6S</b> Surface	<b>35</b> = 3500lm / 46W		<b>40</b> = 4000K		<b>DB</b> = Diffused Clear / Black Flange			<b>(blank)</b> = Not Applicable	<b>/PEM</b> = Pre-wired for Emergency
<b>NYLS2-6W</b> Wall					<b>DD</b> = Diffused Clear / Diffused Flange				
					<b>DW</b> = Diffused Clear / White Flange				
					<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

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

Example: **NYLS2-6S35127SHBB6** = 6" Sapphire II LED Cylinder, Surface Mount, 3500lm / 46W, 2700K, Spot Beam Spread, Haze Reflector / Black Flange with Black Cylinder, 120-277V input; 0-10V dimming

# NYLS2-6C

6" High Performance Sapphire II Cylinder

Source: 15W to 46W LED  
900lm to 3500lm

Type

Project

Catalog No.

Notes

## Cable Mounted - Product Images



**NYLS2-6Cxx1xxxBBBxAC**

Black Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Cxx1xxxBWBxAC**

Black Reflector  
White Flange  
Black Cylinder



**NYLS2-6Cxx1xxxCCBxAC**

Clear Reflector  
Clear Flange  
Black Cylinder



**NYLS2-6Cxx1xxxDBBxAC**

Diffused Clear Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Cxx1xxxDDBxAC**

Diffused Clear Reflector  
Diffused Flange  
Black Cylinder



**NYLS2-6Cxx1xxxDWBxAC**

Diffused Clear Reflector  
White Flange  
Black Cylinder



**NYLS2-6Cxx1xxxHBBxAC**

Haze Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Cxx1xxxHWBxAC**

Haze Reflector  
White Flange  
Black Cylinder



**NYLS2-6Cxx1xxxHDBxAC**

Haze Reflector  
Haze Flange  
Black Cylinder



**NYLS2-6Cxx1xxxWBBxAC**

White Reflector  
White Flange  
Black Cylinder



**NYLS2-6Cxx1xxxBBWxAC**

Black Reflector  
Black Flange  
White Cylinder



**NYLS2-6Cxx1xxxBWWxAC**

Black Reflector  
White Flange  
White Cylinder



**NYLS2-6Cxx1xxxCCWxAC**

Clear Reflector  
Clear Flange  
White Cylinder



**NYLS2-6Cxx1xxxDBWxAC**

Diffused Clear Reflector  
Black Flange  
White Cylinder



**NYLS2-6Cxx1xxxDDWxAC**

Diffused Clear Reflector  
Diffused Flange  
White Cylinder



**NYLS2-6Cxx1xxxDWWxAC**

Diffused Clear Reflector  
White Flange  
White Cylinder



**NYLS2-6Cxx1xxxHBBWxAC**

Haze Reflector  
Black Flange  
White Cylinder



**NYLS2-6Cxx1xxxHBBWxAC**

Haze Reflector  
White Flange  
White Cylinder



**NYLS2-6Cxx1xxxHDBWxAC**

Haze Reflector  
Haze Flange  
White Cylinder



**NYLS2-6Cxx1xxxWBBWxAC**

White Reflector  
White Flange  
White Cylinder

# NYLS2-6P

6" High Performance Sapphire II Cylinder

Source: 15W to 46W LED  
900lm to 3500lm

Type

Project

Catalog No.

Notes

## Stem Mounted - Product Images



**NYLS2-6Pxx1xxxBBB**

Black Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Pxx1xxxBWB**

Black Reflector  
White Flange  
Black Cylinder



**NYLS2-6Pxx1xxxCCB**

Diffused Clear Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Pxx1xxxDBB**

Diffused Clear Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Pxx1xxxddb**

Diffused Clear Reflector  
Diffused Flange  
Black Cylinder



**NYLS2-6Pxx1xxxHBB**

Diffused Clear Reflector  
White Flange  
Black Cylinder



**NYLS2-6Pxx1xxxHBB**

Haze Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Pxx1xxxHBB**

Haze Reflector  
White Flange  
Black Cylinder



**NYLS2-6Pxx1xxxHBB**

Haze Reflector  
Haze Flange  
Black Cylinder



**NYLS2-6Pxx1xxxHBB**

White Reflector  
White Flange  
Black Cylinder



**NYLS2-6Pxx1xxxHBB**

Black Reflector  
Black Flange  
White Cylinder



**NYLS2-6Pxx1xxxHBB**

Black Reflector  
White Flange  
White Cylinder



**NYLS2-6Pxx1xxxHBB**

Clear Reflector  
Clear Flange  
White Cylinder



**NYLS2-6Pxx1xxxHBB**

Diffused Clear Reflector  
Black Flange  
White Cylinder



**NYLS2-6Pxx1xxxHBB**

Diffused Clear Reflector  
Diffused Flange  
White Cylinder



**NYLS2-6Pxx1xxxHBB**

Diffused Clear Reflector  
White Flange  
White Cylinder



**NYLP2-6Pxx1xxxHBB**

Haze Reflector  
Black Flange  
White Cylinder



**NYLP2-6Pxx1xxxHBB**

Haze Reflector  
White Flange  
White Cylinder



**NYLP2-6Pxx1xxxHBB**

Haze Reflector  
Haze Flange  
White Cylinder



**NYLS2-6Pxx1xxxHBB**

White Reflector  
White Flange  
White Cylinder

# NYLS2-6S

6" High Performance Sapphire II Cylinder

Source: 15W to 46W LED  
900lm to 3500lm

Type

Project

Catalog No.

Notes

## Surface Mounted - Product Images



**NYLS2-6Sxx1xxBBB**  
Black Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Sxx1xxBWB**  
Black Reflector  
White Flange  
Black Cylinder



**NYLS2-6Sxx1xxCCB**  
Clear Reflector  
Clear Flange  
Black Cylinder



**NYLS2-6Sxx1xxDBB**  
Diffused Clear Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Sxx1xxDDB**  
Diffused Clear Reflector  
Diffused Flange  
Black Cylinder



**NYLS2-6Sxx1xxDWB**  
Diffused Clear Reflector  
White Flange  
Black Cylinder



**NYLS2-6Sxx1xxHBB**  
Haze Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Sxx1xxHWB**  
Haze Reflector  
White Flange  
Black Cylinder



**NYLS2-6Sxx1xxHDB**  
Haze Reflector  
Haze Flange  
Black Cylinder



**NYLS2-6Sxx1xxWBB**  
White Reflector  
White Flange  
Black Cylinder



**NYLS2-6Sxx1xxBBW**  
Black Reflector  
Black Flange  
White Cylinder



**NYLS2-6Sxx1xxBWW**  
Black Reflector  
White Flange  
White Cylinder



**NYLS2-6Sxx1xxCCW**  
Clear Reflector  
Clear Flange  
White Cylinder



**NYLS2-6Sxx1xxDBW**  
Diffused Clear Reflector  
Black Flange  
White Cylinder



**NYLS2-6Sxx1xxDDW**  
Diffused Clear Reflector  
Diffused Flange  
White Cylinder



**NYLS2-6Sxx1xxDWW**  
Diffused Clear Reflector  
White Flange  
White Cylinder



**NYLS2-6Sxx1xxHBBW**  
Haze Reflector  
Black Flange  
White Cylinder



**NYLS2-6Sxx1xxHBBW**  
Haze Reflector  
White Flange  
White Cylinder



**NYLS2-6Sxx1xxHDBW**  
Haze Reflector  
Haze Flange  
White Cylinder



**NYLS2-6Sxx1xxWBBW**  
White Reflector  
White Flange  
White Cylinder

# NYLS2-6W

6" High Performance Sapphire II Cylinder

Source: 15W to 46W LED  
900lm to 3500lm

Type

Project

Catalog No.

Notes

## Wall Mounted - Product Images



**NYLS2-6Wxx1xxBBB**  
Black Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Wxx1xxBWB**  
Black Reflector  
White Flange  
Black Cylinder



**NYLS2-6Wxx1xxCCB**  
Clear Reflector  
Clear Flange  
Black Cylinder



**NYLS2-6Wxx1xxDBB**  
Diffused Clear Reflector  
Diffused Flange  
Black Cylinder



**NYLS2-6Wxx1xxDDB**  
Diffused Clear Reflector  
Diffused Flange  
Black Cylinder



**NYLS2-6Wxx1xxDWB**  
Diffused Clear Reflector  
White Flange  
Black Cylinder



**NYLS2-6Wxx1xxHBB**  
Haze Reflector  
Black Flange  
Black Cylinder



**NYLS2-6Wxx1xxHCB**  
Haze Reflector  
Clear Flange  
Black Cylinder



**NYLS2-6Wxx1xxHDB**  
Haze Reflector  
Haze Flange  
Black Cylinder



**NYLS2-6Wxx1xxHBB**  
White Reflector  
White Flange  
Black Cylinder



**NYLS2-6Wxx1xxBBW**  
Black Reflector  
Black Flange  
White Cylinder



**NYLS2-6Wxx1xxBWW**  
Black Reflector  
White Flange  
White Cylinder



**NYLS2-6Wxx1xxCCW**  
Clear Reflector  
Clear Flange  
White Cylinder



**NYLS2-6Wxx1xxDBW**  
Diffused Clear Reflector  
Black Flange  
White Cylinder



**NYLS2-6Wxx1xxDDW**  
Diffused Clear Reflector  
Diffused Flange  
White Cylinder



**NYLS2-6Wxx1xxDWW**  
Diffused Clear Reflector  
White Flange  
White Cylinder



**NYLS2-6Wxx1xxHBW**  
Haze Reflector  
Black Flange  
White Cylinder



**NYLS2-6Wxx1xxHCW**  
Haze Reflector  
Clear Flange  
White Cylinder



**NYLS2-6Wxx1xxHDBW**  
Haze Reflector  
Haze Flange  
White Cylinder



**NYLS2-6Wxx1xxHBBW**  
White Reflector  
White Flange  
White Cylinder

# PHOTOMETRICS

6" High Performance Sapphire II Cylinder  
900lm

Type

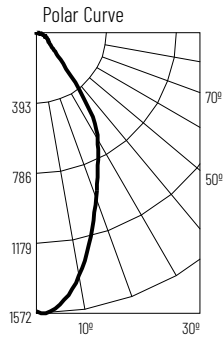
Project

Catalog No.

Notes

## Test Information

Test Number: NTR1335  
Part Number: NYLS2-6S09140SWWW  
Part Number: 35° Spot  
Lumens: 1113lm  
Wattage: 14.89W  
Efficacy: 75lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 0.56  
Spacing Criteria (90°-270): 0.54



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	95.2fc	2'-7"
6'	42.3fc	3'-11"
8'	23.8fc	5'-2"
10'	15.2fc	6'-6"
12'	10.6fc	7'-10"

## Zonal Lumen Summary

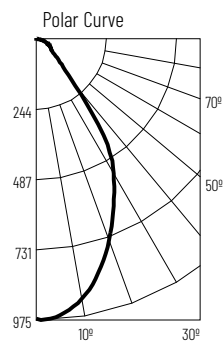
Zone	Lumens	% Luminaire
0-30	637	57.2
0-40	869	78.1
0-60	1019	91.6
0-90	1106	99.4
90-180	7	0.6
0-180	1113	100

## Candela Table

Vertical Angles	Candela
0	1522
5	1421
15	868
25	595
35	401
45	114

## Test Information

Test Number: NTR1335  
Part Number: NYLS2-6S09140MWWW  
Part Number: 65° Narrow Flood  
Lumens: 1114lm  
Wattage: 14.86W  
Efficacy: 75lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 0.92  
Spacing Criteria (90°-270): 0.92



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	60.7fc	5'-1"
6'	27fc	7'-8"
8'	15.2fc	10'-2"
10'	9.7fc	12'-10"
12'	6.8fc	15'-4"

## Zonal Lumen Summary

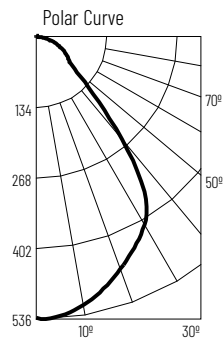
Zone	Lumens	% Luminaire
0-30	607	54.5
0-40	855	76.8
0-60	1019	91.4
0-90	1108	99.4
90-180	7	0.6
0-180	1114	100

## Candela Table

Vertical Angles	Candela
0	972
5	955
15	825
25	627
35	426
45	128

## Test Information

Test Number: NTR1321  
Part Number: NYLS2-6S09140FWWW  
Part Number: 79° Flood  
Lumens: 898lm  
Wattage: 15.02W  
Efficacy: 60lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 1.16  
Spacing Criteria (90°-270): 1.16



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	33.3fc	6'-6"
6'	14.8fc	9'-10"
8'	8.3fc	13'-1"
10'	5.3fc	16'-4"
12'	3.7fc	19'-7"

## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	390	43.4
0-40	605	67.4
0-60	795	88.5
0-90	891	99.3
90-180	7	0.7
0-180	898	100

## Candela Table

Vertical Angles	Candela
0	533
5	527
15	491
25	436
35	354
45	154

## Lumen Output Multipliers

Color Temperature: 2700K (0.87), 3000K (0.91), 3500K (0.96), 4000K (1.00)

# PHOTOMETRICS

6" High Performance Sapphire II Cylinder  
1500lm

Type

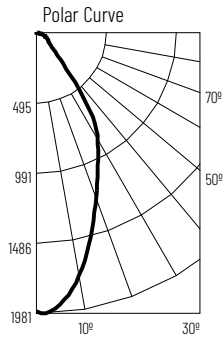
Project

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Notes

## Test Information

Test Number: NTR1335  
Part Number: NYLS2-6S15140SWWW  
Part Number: 42° Spot  
Lumens: 1561lm  
Wattage: 16.78W  
Efficacy: 93lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 0.64  
Spacing Criteria (90°-270): 0.66



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	54.1fc	4'-6"
9'	24fc	6'-10"
12'	13.5fc	9'-1"
15'	8.7fc	11'-5"
18'	6fc	13'-7"

## Zonal Lumen Summary

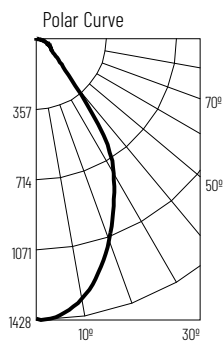
Zone	Lumens	% Luminaire
0-30	904	57.9
0-40	1213	77.7
0-60	1435	91.9
0-90	1550	99.3
90-180	11	0.7
0-180	1561	100

## Candela Table

Vertical Angles	Candela
0	1946
5	1844
15	1234
25	832
35	504
45	159

## Test Information

Test Number: NTR1335  
Part Number: NYLS2-6S15140MWWW  
Part Number: 63° Narrow Flood  
Lumens: 1566lm  
Wattage: 16.92W  
Efficacy: 93lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 0.9  
Spacing Criteria (90°-270): 0.9



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	39.4fc	7'-5"
9'	17.5fc	11'-1"
12'	9.9fc	14'-8"
15'	6.3fc	18'-5"
18'	4.4fc	22'-1"

## Zonal Lumen Summary

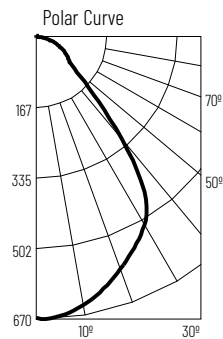
Zone	Lumens	% Luminaire
0-30	877	56
0-40	1216	77.6
0-60	1439	91.9
0-90	1556	99.4
90-180	10	0.6
0-180	1566	100

## Candela Table

Vertical Angles	Candela
0	1420
5	1402
15	1206
25	895
35	572
45	176

## Test Information

Test Number: NTR1321  
Part Number: NYLS2-6S15140FWWW  
Part Number: 79° Flood  
Lumens: 1132lm  
Wattage: 15.04W  
Efficacy: 75lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 1.16  
Spacing Criteria (90°-270): 1.16



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	18.5fc	9'-11"
9'	8.2fc	14'-10"
12'	4.6fc	19'-8"
15'	3fc	24'-7"
18'	2.1fc	29'-7"

## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	490	43.3
0-40	756	66.7
0-60	1005	88.8
0-90	1124	99.3
90-180	8	0.7
0-180	1132	100

## Candela Table

Vertical Angles	Candela
0	667
5	662
15	618
25	551
35	436
45	202

## Lumen Output Multipliers

Color Temperature: 2700K (0.87), 3000K (0.91), 3500K (0.96), 4000K (1.00)

# PHOTOMETRICS

6" High Performance Sapphire II Cylinder  
2500lm

Type

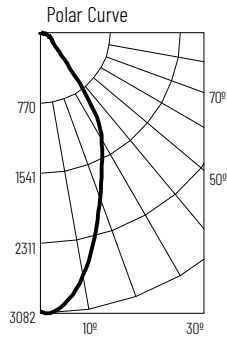
Project

Catalog No.

Notes

## Test Information

Test Number: NTR1335  
Part Number: NYLS2-6S25140SWWW  
Part Number: 40° Spot  
Lumens: 2367lm  
Wattage: 28.8W  
Efficacy: 82lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 0.62  
Spacing Criteria (90°-270): 0.62



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	84.5fc	4'-5"
9'	37.6fc	6'-7"
12'	21.1fc	8'-8"
15'	13.5fc	10'-11"
18'	9.4fc	13'-1"

## Zonal Lumen Summary

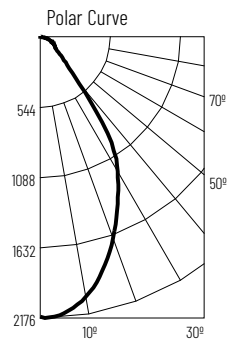
Zone	Lumens	% Luminaire
0-30	1371	57.9
0-40	1860	78.6
0-60	2170	91.7
0-90	2350	99.3
90-180	17	0.7
0-180	2367	100

## Candela Table

Vertical Angles	Candela
0	3043
5	2842
15	1879
25	1271
35	836
45	233

## Test Information

Test Number: NTR1335  
Part Number: NYLS2-6S25140MWWW  
Part Number: 63° Narrow Flood  
Lumens: 2408lm  
Wattage: 29.04W  
Efficacy: 83lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 0.9  
Spacing Criteria (90°-270): 0.9



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	60.4fc	7'-5"
9'	26.8fc	11'
12'	15.1fc	14'-8"
15'	9.7fc	18'-5"
18'	6.7fc	22'-1"

## Zonal Lumen Summary

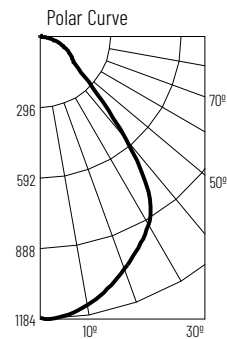
Zone	Lumens	% Luminaire
0-30	1345	55.8
0-40	1867	77.5
0-60	2207	91.7
0-90	2390	99.3
90-180	18	0.7
0-180	2408	100

## Candela Table

Vertical Angles	Candela
0	2173
5	2137
15	1837
25	1371
35	889
45	269

## Test Information

Test Number: NTR1321  
Part Number: NYLS2-6S25140FWWW  
Part Number: 79° Flood  
Lumens: 2004lm  
Wattage: 29.24W  
Efficacy: 69lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 1.16  
Spacing Criteria (90°-270): 1.16



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	32.8fc	9'-10"
9'	14.6fc	14'-8"
12'	8.2fc	19'-7"
15'	5.3fc	24'-7"
18'	3.6fc	29'-6"

## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	867	43.3
0-40	1336	66.7
0-60	1780	88.8
0-90	1989	99.3
90-180	14	0.7
0-180	2004	100

## Candela Table

Vertical Angles	Candela
0	1181
5	1171
15	1094
25	976
35	779
45	349

## Lumen Output Multipliers

Color Temperature: 2700K (0.87), 3000K (0.91), 3500K (0.96), 4000K (1.00)



# PHOTOMETRICS

6" High Performance Sapphire II Cylinder  
3500lm

Type

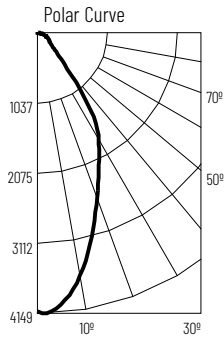
Project

Catalog No.

Notes

## Test Information

Test Number: NTR1335  
Part Number: NYLS2-6S35140SWWW  
Part Number: 51° Spot  
Lumens: 3775lm  
Wattage: 43.71W  
Efficacy: 86lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 0.76  
Spacing Criteria (90°-270): 0.76



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	115fc	5'-10"
9'	51fc	8'-8"
12'	28.7fc	11'-7"
15'	18.3fc	14'-6"
18'	12.7fc	17'-5"

## Zonal Lumen Summary

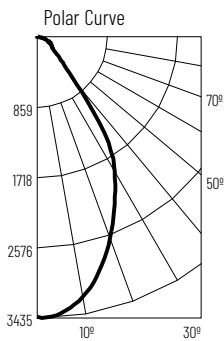
Zone	Lumens	% Luminaire
0-30	2200	58.3
0-40	2960	78.4
0-60	3450	91.4
0-90	3732	98.9
90-180	43	1.1
0-180	3775	100

## Candela Table

Vertical Angles	Candela
0	4128
5	4010
15	3069
25	2125
35	1262
45	366

## Test Information

Test Number: NTR1335  
Part Number: NYLS2-6S35140MWWW  
Part Number: 64° Narrow Flood  
Lumens: 3844lm  
Wattage: 43.49W  
Efficacy: 88lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 0.92  
Spacing Criteria (90°-270): 0.92



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	95fc	7'-6"
9'	42.2fc	11'-4"
12'	23.8fc	15'
15'	15.2fc	18'-10"
18'	10.6fc	22'-6"

## Zonal Lumen Summary

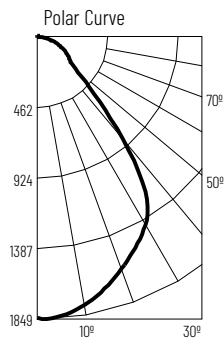
Zone	Lumens	% Luminaire
0-30	2157	56.1
0-40	2988	77.7
0-60	3526	91.7
0-90	3815	99.2
90-180	29	0.8
0-180	3844	100

## Candela Table

Vertical Angles	Candela
0	3421
5	3374
15	2947
25	2226
35	1400
45	426

## Test Information

Test Number: NTR1321  
Part Number: NYLS2-6S35140FWWW  
Part Number: 79° Flood  
Lumens: 3127lm  
Wattage: 43.27W  
Efficacy: 72lpw  
CCT / CRI: 4000K / 90 CRI  
Spacing Criteria (0°-180): 1.16  
Spacing Criteria (90°-270): 1.16



## Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	51.3fc	9'-11"
9'	22.8fc	14'-10"
12'	12.8fc	19'-8"
15'	8.2fc	24'-8"
18'	5.7fc	29'-7"

## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1357	43.4
0-40	2107	67.4
0-60	2777	88.8
0-90	3104	99.3
90-180	23	0.7
0-180	3127	100

## Candela Table

Vertical Angles	Candela
0	1847
5	1832
15	1710
25	1525
35	1240
45	546

## Lumen Output Multipliers

Color Temperature: 2700K (0.87), 3000K (0.91), 3500K (0.96), 4000K (1.00)