NYLD-6

6" Cobalt Cylinder
Source: 12W or 16W LED
750lm or 1000lm

Type
Project
Catalog No.
Notes

PRODUCT DESCRIPTION

Architectural grade LED cylinder with deep set optics featuring a deep cone reflector or baffle for optimal visual comfort. Utilizing Cree® COB technology and multiple mounting options.

FEATURES

- Cree® COB Technology
- Internal thermal protection
- 750lm or 1000lm output
- 2700K, 3000K, 3500K or 4000K @ 90+ CRI
- Triac, ELV or 0-10V dimming
- 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.
Pendant Mount: Cylinder includes a canopy and 7' (consisting of (3) 12" and (2) 24") of internally threaded rod. 0-10V dimming will include a separate offset cable (2-wire).
Surface & Wall Mount: Cylinder is supplied with hardware to mount directly over junction box.

ELECTRICAL

Input Voltage: 120V or 277V, must specify
Lumens / Wattage:
2 = 750lm / 12W;
9 = 1000lm / 16W
Color Temperature:
2700K, 3000K, 3500K, 4000K
Color Rendering Index: 90+ CRI
Dimming: Triac, ELV or 0-10V dimming
Click Here or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab.

LISTINGS AND WARRANTY

- cULus Listed for Damp Locations
  (Wall mount is listed for wet locations)
- 5-Year Limited Warranty
- ENERGY STAR certified

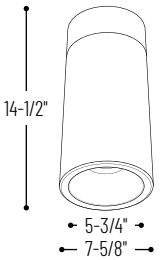
PRODUCT IMAGES & DIMENSIONS

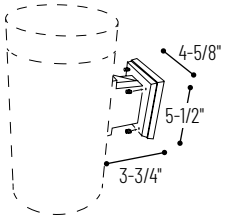
NYLD-6C
Cable Mounted

NYLD-6P
Pendant Mounted

NYLD-6S
Surface Mounted

NYLD-6W
Wall Mounted





6" Cobalt Cylinder

Mounting Type	Lumen / Wattage	Reflector Type	Color Temp	Reflector / Flange Finish	Cylinder Finish	Dimming	Cable Mount Only
NYLD-6C Cable **NYLD-6P** Pendant[1] **NYLD-6S** Surface **NYLD-6W** Wall Mount	**2** = 750lm / 12W	**1** = Reflector **2** = Baffle	**27** = 2700K **30** = 3000K **35** = 3500K **40** 4000K	**BB** = Black / Black **BW** = Black / White **BZBZ** = Bronze / Bronze **COCO** = Copper / Copper[2] **DW** = Diffused / White[2] **HZW** = Haze / White[2] **MPW** = Matte Powder White **NN** = Natural Metal / Nat. Metal **WW** = White / White	**B** = Black **W** = White	**(blank)** = 120V Triac/ELV **2** = 277V Non-Dimming (not available in 3500K) **4** = 120V 0-10V/Triac/ELV 277V 0-10V	**AC** = Aircraft cable (cable mount only)
NYLD-6C Cable **NYLD-6P** Pendant[1] **NYLD-6S** Surface **NYLD-6W** Wall Mount	**9** = 1000lm / 16W	**1** Reflector **2** Baffle	**27** = 2700K **30** = 3000K **40** = 4000K	**BZ** = Bronze / Bronze **DW** = Diffused / White[2] **HZW** = Haze / White[2] **MPW** = Matte Powder White **WW** = White / White	**B** = Black **W** = White	**(blank)** = 120V Triac/ELV	**AC** = Aircraft cable (cable mount only)
NYLD-6C Cable **NYLD-6P** Pendant[1] **NYLD-6S** Surface **NYLD-6W** Wall Mount	**9** = 1000lm / 16W	**1** = Reflector **2** = Baffle	**35** = 3500K	**WW** = White / White	**B** = Black **W** = White	**(blank)** = 120V Triac/ELV	**AC** = Aircraft cable (cable mount only)
NYLD-6C Cable **NYLD-6P** Pendant[1] **NYLD-6S** Surface **NYLD-6W** Wall Mount	**9** = 1000lm / 16W	**1** = Reflector	**30** = 3000K **35** = 3500K	**DD** = Diffused / Diffused **DW** = Diffused / White **WW** = White / White	**B** = Black **W** = White	**4** = 120V 0-10V/Triac/ELV 277V 0-10V	**AC** = Aircraft cable (cable mount only)

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

Example: **NYLD-6C2127HZWWAC** = 6" Cobalt Cylinder, Cable Mount, 720lm / 12W, 2700K, Haze Reflector / White Flange with White Cylinder, 120V input; Triac/ELV dimming, Aircraft Cable

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NYLD-6

6" Cobalt Cylinder with Reflector
Source: 12W or 16W LED
750lm or 1000lm

Type	
Project	
Catalog No.	
Notes	

Cable Mounted - Product Images

NYLD-6Cx1xxBBBxAC
Black Reflector
Black Flange
Black Cylinder

NYLD-6Cx1xxBWBxAC
Black Reflector
White Flange
Black Cylinder

NYLD-6Cx1xxBZBxAC
Bronze Reflector
Bronze Flange
Black Cylinder

NYLD-6Cx1xxCOBxAC
Copper Reflector
Copper Flange
Black Cylinder

NYLD-6Cx1xxDBBxAC
Diffused Clear Reflector
Black Flange
Black Cylinder

NYLD-6Cx1xxDWBxAC
Diffused Clear Reflector
White Flange
Black Cylinder

NYLD-6Cx1xxHZWBxAC
Haze Reflector
White Flange
Black Cylinder

NYLD-6Cx1xxMPWBxAC
Matte Powder White Reflector
Matte Powder White Flange
Black Cylinder

NYLD-6Cx1xxNNBxAC
Natural Metal Reflector
Natural Metal Flange
Black Cylinder

NYLD-6Cx1xxWWBxAC
White Reflector
White Flange
Black Cylinder

NYLD-6Cx1xxBBWxAC
Black Reflector
Black Flange
White Cylinder

NYLD-6Cx1xxBWWxAC
Black Reflector
White Flange
White Cylinder

NYLD-6Cx1xxBZWxAC
Bronze Reflector
Bronze Flange
White Cylinder

NYLD-6Cx1xxCOWxAC
Copper Reflector
Copper Flange
White Cylinder

NYLD-6Cx1xxDBWxAC
Diffused Clear Reflector
Black Flange
White Cylinder

NYLD-6Cx1xxDWWxAC
Diffused Clear Reflector
White Flange
White Cylinder

NYLD-6Cx1xxHZWWxAC
Haze Reflector
White Flange
White Cylinder

NYLD-6Cx1xxMPWWxAC
Matte Powder White Reflector
Matte Powder White Flange
White Cylinder

NYLD-6Cx1xxNNWxAC
Natural Metal Reflector
Natural Metal Flange
White Cylinder

NYLD-6Cx1xxWWWxAC
White Reflector
White Flange
White Cylinder

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NYLD-6

6" Cobalt Cylinder with Baffle
Source: 12W or 16W LED
750lm or 1000lm

Type	
Project	
Catalog No.	
Notes	

Cable Mounted - Product Images

NYLD-6Cx2xxBBBAC
Black Baffle
Black Flange
Black Cylinder

NYLD-6Cx2xxBWBAC
Black Baffle
White Flange
Black Cylinder

NYLD-6Cx2xxBZBAC
Matte Powder White Baffle
Matte Powder White Flange
Black Cylinder

NYLD-6Cx2xxMPWBAC
Matte Powder White Baffle
Matte Powder White Flange
Black Cylinder

NYLD-6Cx2xxNNBAC
Natural Metal Baffle
Natural Metal Flange
Black Cylinder

NYLD-6Cx2xxWWBAC
White Baffle
White Flange
Black Cylinder

NYLD-6Cx2xxBBWAC
Black Baffle
Black Flange
White Cylinder

NYLD-6Cx2xxBWWAC
Black Baffle
White Flange
White Cylinder

NYLD-6Cx2xxBZWAC
Bronze Baffle
Bronze Flange
White Cylinder

NYLD-6Cx2xxMPWWAC
Matte Powder White Baffle
Matte Powder White Flange
White Cylinder

NYLD-6Cx2xxNNWAC
Natural Metal Baffle
Natural Metal Flange
White Cylinder

NYLD-6Cx2xxWWWAC
White Baffle
White Flange
White Cylinder

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NYLD-6

6" Cobalt Cylinder with Reflector
Source: 12W or 16W LED
750lm or 1000lm

Type	
Project	
Catalog No.	
Notes	

Stem Mounted - Product Images

NYLD-6Px1xxBBB
Black Reflector
Black Flange
Black Cylinder

NYLD-6Px1xxBWB
Black Reflector
White Flange
Black Cylinder

NYLD-6Px1xxBZB
Bronze Reflector
Bronze Flange
Black Cylinder

NYLD-6Px1xxCOB
Copper Reflector
Copper Flange
Black Cylinder

NYLD-6Px1xxDBB
Diffused Clear Reflector
Black Flange
Black Cylinder

NYLD-6Px1xxDWB
Diffused Clear Reflector
White Flange
Black Cylinder

NYLD-6Px1xxHZWB
Haze Reflector
White Flange
Black Cylinder

NYLD-6Px1xxMPWB
Matte Powder White Reflector
Matte Powder White Flange
Black Cylinder

NYLD-6Px1xxNNB
Natural Metal Reflector
Natural Metal Flange
Black Cylinder

NYLD-6Px1xxWWB
White Reflector
White Flange
Black Cylinder

NYLD-6Px1xxBBW
Black Reflector
Black Flange
White Cylinder

NYLD-6Px1xxBWW
Black Reflector
White Flange
White Cylinder

NYLD-6Px1xxBZW
Bronze Reflector
Bronze Flange
White Cylinder

NYLD-6Px1xxCOW
Copper Reflector
Copper Flange
White Cylinder

NYLD-6Px1xxDBW
Diffused Clear Reflector
Black Flange
White Cylinder

NYLD-6Px1xxDBW
Diffused Clear Reflector
White Flange
White Cylinder

NYLD-6Px1xxHZWW
Haze Reflector
White Flange
White Cylinder

NYLD-6Px1xxMPWW
Matte Powder White Reflector
Matte Powder White Flange
White Cylinder

NYLD-6Px1xxNNW
Natural Metal Reflector
Natural Metal Flange
White Cylinder

NYLD-6Px1xxWWW
White Reflector
White Flange
White Cylinder

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NYLD-6

6" Cobalt Cylinder with Baffle
Source: 12W or 16W LED
750lm or 1000lm

Type	
Project	
Catalog No.	
Notes	

Stem Mounted - Product Images

NYLD-6Px2xxBBB
Black Baffle
Black Flange
Black Cylinder

NYLD-6Px2xxBWB
Black Baffle
White Flange
Black Cylinder

NYLD-6Px2xxBZB
Matte Powder White Baffle
Matte Powder White Flange
Black Cylinder

NYLD-6Px2xxMPWB
Matte Powder White Baffle
Matte Powder White Flange
Black Cylinder

NYLD-6Px2xxNNB
Natural Metal Baffle
Natural Metal Flange
Black Cylinder

NYLD-6Px2xxWWB
White Baffle
White Flange
Black Cylinder

NYLD-6Px2xxBBW
Black Baffle
Black Flange
White Cylinder

NYLD-6Px2xxBWW
Black Baffle
White Flange
White Cylinder

NYLD-6Px2xxBZW
Bronze Baffle
Bronze Flange
White Cylinder

NYLD-6Px2xxMPWW
Matte Powder White Baffle
Matte Powder White Flange
White Cylinder

NYLD-6Px2xxNNW
Natural Metal Baffle
Natural Metal Flange
White Cylinder

NYLD-6Px2xxWWW
White Baffle
White Flange
White Cylinder

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NYLD-6

6" Cobalt Cylinder with Reflector
Source: 12W or 16W LED
750lm or 1000lm

Type	
Project	
Catalog No.	
Notes	

Surface Mounted - Product Images

NYLD-6Sx1xxBBB
Black Reflector
Black Flange
Black Cylinder

NYLD-6Sx1xxBWB
Black Reflector
White Flange
Black Cylinder

NYLD-6Sx1xxBZB
Bronze Reflector
Bronze Flange
Black Cylinder

NYLD-6Sx1xxCOB
Copper Reflector
Copper Flange
Black Cylinder

NYLD-6Sx1xxDBB
Diffused Clear Reflector
Black Flange
Black Cylinder

NYLD-6Sx1xxDWB
Diffused Clear Reflector
White Flange
Black Cylinder

NYLD-6Sx1xxHZWB
Haze Reflector
White Flange
Black Cylinder

NYLD-6Sx1xxMPWB
Matte Powder White Reflector
Matte Powder White Flange
Black Cylinder

NYLD-6Sx1xxNNB
Natural Metal Reflector
Natural Metal Flange
Black Cylinder

NYLD-6Sx1xxWWB
White Reflector
White Flange
Black Cylinder

NYLD-6Sx1xxBBW
Black Reflector
Black Flange
White Cylinder

NYLD-6Sx1xxBWW
Black Reflector
White Flange
White Cylinder

NYLD-6Sx1xxBZW
Bronze Reflector
Bronze Flange
White Cylinder

NYLD-6Sx1xxCOW
Copper Reflector
Copper Flange
White Cylinder

NYLD-6Sx1xxDBW
Diffused Clear Reflector
Black Flange
White Cylinder

NYLD-6Sx1xxDBW
Diffused Clear Reflector
White Flange
White Cylinder

NYLD-6Sx1xxHZWW
Haze Reflector
White Flange
White Cylinder

NYLD-6Sx1xxMPWW
Matte Powder White Reflector
Matte Powder White Flange
White Cylinder

NYLD-6Sx1xxNNW
Natural Metal Reflector
Natural Metal Flange
White Cylinder

NYLD-6Sx1xxWWW
White Reflector
White Flange
White Cylinder

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NYLD-6

6" Cobalt Cylinder with Baffle
Source: 12W or 16W LED
750lm or 1000lm

Type	
Project	
Catalog No.	
Notes	

Surface Mounted - Product Images

NYLD-6Sx2xxBBB
Black Baffle
Black Flange
Black Cylinder

NYLD-6Sx2xxBWB
Black Baffle
White Flange
Black Cylinder

NYLD-6Sx2xxBZB
Matte Powder White Baffle
Matte Powder White Flange
Black Cylinder

NYLD-6Sx2xxMPWB
Matte Powder White Baffle
Matte Powder White Flange
Black Cylinder

NYLD-6Sx2xxNNB
Natural Metal Baffle
Natural Metal Flange
Black Cylinder

NYLD-6Sx2xxWWB
White Baffle
White Flange
Black Cylinder

NYLD-6Sx2xxBBW
Black Baffle
Black Flange
White Cylinder

NYLD-6Sx2xxBWW
Black Baffle
White Flange
White Cylinder

NYLD-6Sx2xxBZW
Bronze Baffle
Bronze Flange
White Cylinder

NYLD-6Sx2xxMPWW
Matte Powder White Baffle
Matte Powder White Flange
White Cylinder

NYLD-6Sx2xxNNW
Natural Metal Baffle
Natural Metal Flange
White Cylinder

NYLD-6Sx2xxWWW
White Baffle
White Flange
White Cylinder

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NYLD-6

6" Cobalt Cylinder with Reflector
Source: 12W or 16W LED
750lm or 1000lm

Type	
Project	
Catalog No.	
Notes	

Wall Mounted - Product Images

NYLD-6Wx1xxBBB
Black Reflector
Black Flange
Black Cylinder

NYLD-6Wx1xxBWB
Black Reflector
White Flange
Black Cylinder

NYLD-6Wx1xxBZB
Bronze Reflector
Bronze Flange
Black Cylinder

NYLD-6Wx1xxCOB
Copper Reflector
Copper Flange
Black Cylinder

NYLD-6Wx1xxDBB
Diffused Clear Reflector
Black Flange
Black Cylinder

NYLD-6Wx1xxDWB
Diffused Clear Reflector
White Flange
Black Cylinder

NYLD-6Wx1xxHZWB
Haze Reflector
White Flange
Black Cylinder

NYLD-6Wx1xxMPWB
Matte Powder White Reflector
Matte Powder White Flange
Black Cylinder

NYLD-6Wx1xxNNB
Natural Metal Reflector
Natural Metal Flange
Black Cylinder

NYLD-6Wx1xxWWB
White Reflector
White Flange
Black Cylinder

NYLD-6Wx1xxBBW
Black Reflector
Black Flange
White Cylinder

NYLD-6Wx1xxBWW
Black Reflector
White Flange
White Cylinder

NYLD-6Wx1xxBZW
Bronze Reflector
Bronze Flange
White Cylinder

NYLD-6Wx1xxCOW
Copper Reflector
Copper Flange
White Cylinder

NYLD-6Wx1xxDBW
Diffused Clear Reflector
Black Flange
White Cylinder

NYLD-6Wx1xxDBW
Diffused Clear Reflector
White Flange
White Cylinder

NYLD-6Wx1xxHZWW
Haze Reflector
White Flange
White Cylinder

NYLD-6Wx1xxMPWW
Matte Powder White Reflector
Matte Powder White Flange
White Cylinder

NYLD-6Wx1xxNNW
Natural Metal Reflector
Natural Metal Flange
White Cylinder

NYLD-6Wx1xxWWW
White Reflector
White Flange
White Cylinder

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NYLD-6

6" Cobalt Cylinder with Baffle
Source: 12W or 16W LED
750lm or 1000lm

Type	
Project	
Catalog No.	
Notes	

Wall Mounted - Product Images

NYLD-6Wx2xxBBB
Black Baffle
Black Flange
Black Cylinder

NYLD-6Wx2xxBWB
Black Baffle
White Flange
Black Cylinder

NYLD-6Wx2xxBZB
Matte Powder White Baffle
Matte Powder White Flange
Black Cylinder

NYLD-6Wx2xxMPWB
Matte Powder White Baffle
Matte Powder White Flange
Black Cylinder

NYLD-6Wx2xxNNB
Natural Metal Baffle
Natural Metal Flange
Black Cylinder

NYLD-6Wx2xxWWB
White Baffle
White Flange
Black Cylinder

NYLD-6Wx2xxBBW
Black Baffle
Black Flange
White Cylinder

NYLD-6Wx2xxBWW
Black Baffle
White Flange
White Cylinder

NYLD-6Wx2xxBZW
Bronze Baffle
Bronze Flange
White Cylinder

NYLD-6Wx2xxMPWW
Matte Powder White Baffle
Matte Powder White Flange
White Cylinder

NYLD-6Wx2xxNNW
Natural Metal Baffle
Natural Metal Flange
White Cylinder

NYLD-6Wx2xxWWW
White Baffle
White Flange
White Cylinder

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PHOTOMETRICS

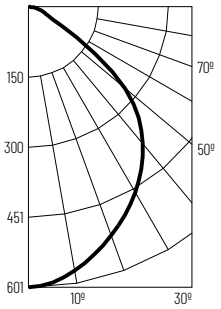
6" Cobalt Cylinder

Type
Project
Catalog No.
Notes

Test Information

Test Number: 795874
Part Number: NYLD-6C9140WWW
Lumens: 1202lm
Wattage: 15.7W
Efficacy: 77lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0º-180): 1.16
Spacing Criteria (90º-270): 1.16

Polar Curve



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	37.5fc	8'-11"
6'	16.7fc	13'-4"
8'	9.4fc	17'-8"
10'	6fc	22'-2"
12'	4.2fc	26'-7"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	437	36.4
0-40	701	58.3
0-60	1113	92.7
0-90	1202	100
90-180	0	0
0-180	1202	100

Candela Table

Vertical Angles	Candela
0	601
5	593
15	549
25	491
35	423
45	335

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