

METEOR
LED



Cylinder Mini

8" and 10" Round Surface Mounted Downlight

3500-8500 lm



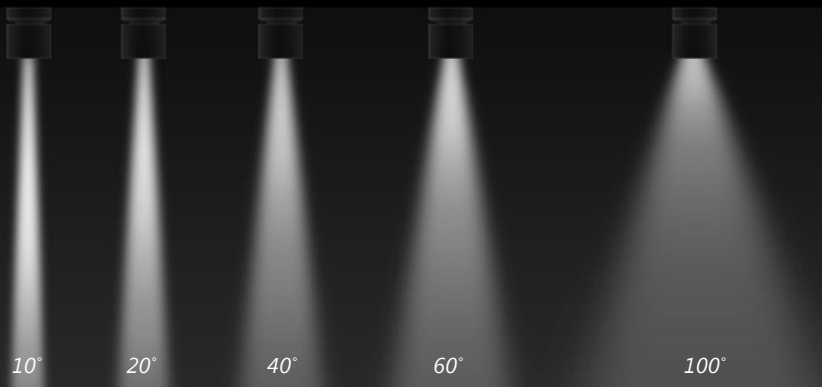
80W
10"



45W
8"

Space-defining illumination

Cylinder Mini is the spawn of the popular Cylinder Series offering up to 8500 lumen output at 100LPW. Cylinder Mini integrates industry leading technologies with clean contemporary aesthetics ideal for wide range of architectural and commercial settings: atriums, auditoriums, corridors, foyers, lobbies, and retail spaces.



Wide Array of Distribution Options



Ideal for **15-40'** applications

25'
Lobby



Innovative dimming capabilities

DMX (dims to <math><0.4\%</math>) , Superior 0-10V (dims to <math><1\%</math>)

20'
Theater

35'
Subway



Enhance ambience

Even distribution & lighting performance with significant energy savings.

15'
Retail



Superb color quality
and consistency

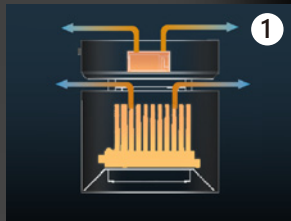
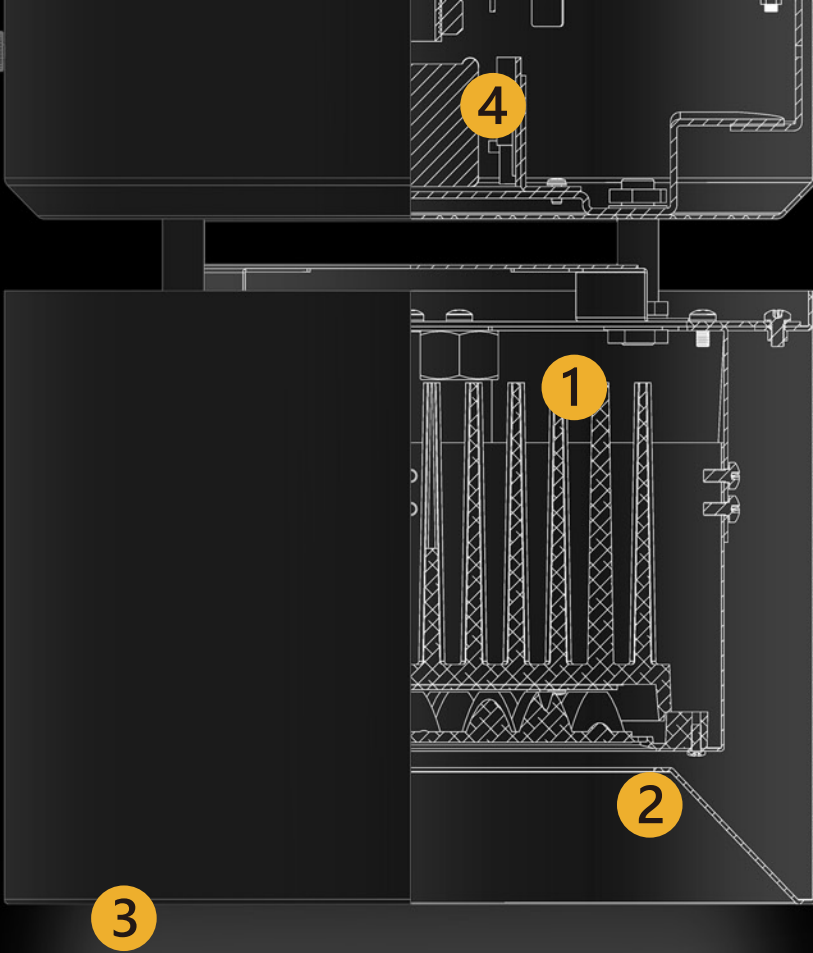
CRI up to 95. Color consistency within a 3-step MacAdam Ellipse.

Damp location listed



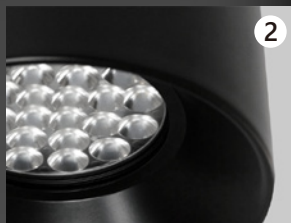
18'
Building
exterior

Anatomy



Thermal Management Breakthrough

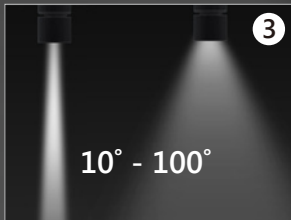
With the light engine in its own chambers, heat emission from light engine does not affect LED driver, which eliminates long term side effects of additional heating.



Up to 8500 lm

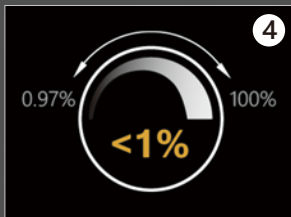
Incorporating the latest COB design for high LED efficacy. 3500-8500 lm (up to 100LPW).

Available in 2700K, 3000K, 4000K, 5000K.



Wide Array of Distribution Options

Optical design for varying heights (15'~60'). Available in 5 beam spreads: 10°, 20°, 40°, 60°, 100°



Sophisticated Dimming Capabilities

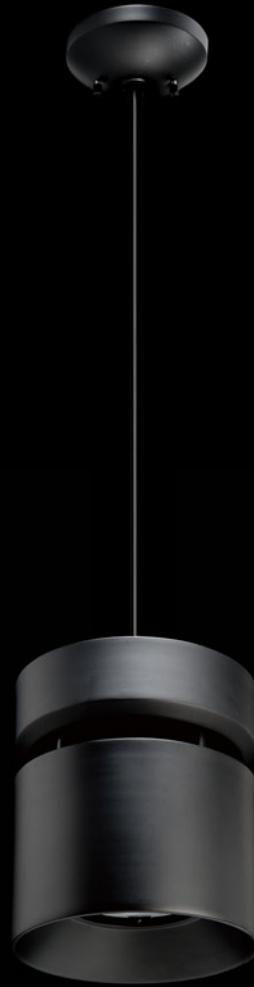
Delivers ultra smooth dimming for both 0-10V (dims down to 1%) and DMX (dims down to 0.4%) with effect similar to incandescent dimming.



Surface Mount



Stem



Pendant



Wall Mount

Mounting

Model	Color Temp	Voltage	Beam Angle	Finish	Dimming	Mounting	Optional
CS-45	27K (2700K)	U (120-277V)	10	W (White)	V (0-10V dim to <10%)	SU (Surface mount)	SV (0-10V dim to <1%)
CS-85	30K (3000K)		(45W only)				
	40K (4000K)		(45W only)	40		ST (Stem 2 or 4ft)	DMX (dim to <0.4%)
	50K (5000K)			60		P (Pendant 2 or 4ft)	
				100 (with diffuser)		WM (Wall mount)	

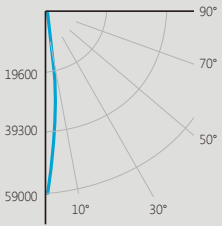
Photometrics

CCT MULTIPLIER

27K	30K	40K	50K
0.96	baseline	1.11	1.15

CS - 45W

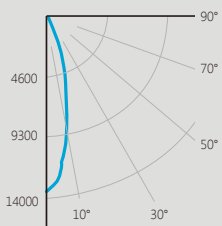
CCT: 3000K
Beam angle: 10 deg



Zonal Lumen		
Zone	Lumens	% Luminaire
0-30	3236.40	91.70%
0-40	3343.30	94.70%
0-60	3483.40	98.70%
0-90	3530.20	100%

Candela Distribution	
Deg	Candela
0	53949
5	32382
15	2141
25	529
35	161
45	106
55	65
65	37
75	7
85	0

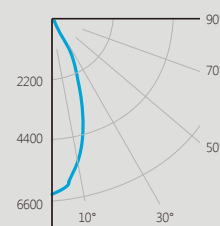
CCT: 3000K
Beam angle: 20 deg



Zonal Lumen		
Zone	Lumens	% Luminaire
0-30	3119.40	87.20%
0-40	3347.60	93.60%
0-60	3531.00	98.70%
0-90	3576.50	100%

Candela Distribution	
Deg	Candela
0	12698
5	11653
15	5418
25	1631
35	330
45	143
55	76
65	36
75	7
85	0

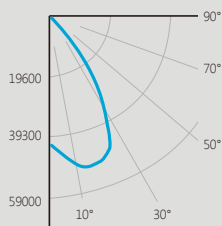
CCT: 3000K
Beam angle: 40 deg



Zonal Lumen		
Zone	Lumens	% Luminaire
0-30	2575.60	73.60%
0-40	3074.50	87.90%
0-60	3428.00	98%
0-90	3499.40	100%

Candela Distribution	
Deg	Candela
0	6102
5	5914
15	4165
25	2001
35	764
45	297
55	120
65	49
75	16
85	2

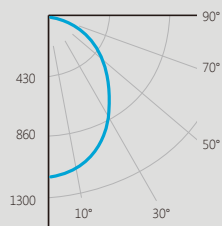
CCT: 3000K
Beam angle: 60 deg



Zonal Lumen		
Zone	Lumens	% Luminaire
0-30	1959.50	56.60%
0-40	2785.00	80.50%
0-60	3402.20	98.30%
0-90	3460.40	100%

Candela Distribution	
Deg	Candela
0	2064
5	2200
15	2511
25	2348
35	1309
45	557
55	183
65	41
75	7
85	2

CCT: 3000K
Beam angle: 100 deg

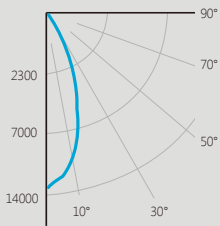


Zonal Lumen		
Zone	Lumens	% Luminaire
0-30	851.8	31.10%
0-40	1345.50	49.20%
0-60	2227.10	81.40%
0-90	2714.80	100%

Candela Distribution	
Deg	Candela
0	1169
5	1148
15	1080
25	952
35	790
45	618
55	451
65	292
75	145
85	27
90	4

CS - 85W

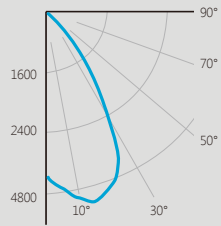
CCT: 3000K
Beam angle: 40 deg



Zonal Lumen		
Zone	Lumens	% Luminaire
0-30	5308.20	77.60%
0-40	6186.40	90.40%
0-60	6703.20	97.90%
0-90	6843.90	100%

Candela Distribution	
Deg	Candela
0	12702
5	12053
15	8742
25	3949
35	1314
45	440
55	162
65	83
75	39
85	10

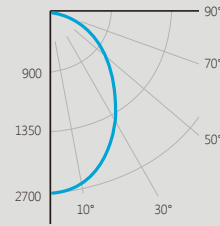
CCT: 3000K
Beam angle: 60 deg



Zonal Lumen		
Zone	Lumens	% Luminaire
0-30	3679.50	55%
0-40	5262.80	78.60%
0-60	6534.20	97.60%
0-90	6692.60	100%

Candela Distribution	
Deg	Candela
0	53949
5	32382
15	2141
25	529
35	161
45	106
55	65
65	37
75	7
85	0

CCT: 3000K
Beam angle: 100 deg



Zonal Lumen		
Zone	Lumens	% Luminaire
0-30	1782.00	33.40%
0-40	2754.30	51.70%
0-60	4405.80	82.70%
0-90	5278.90	100%

Candela Distribution	
Deg	Candela
0	2553
5	2505
15	2323
25	1989
35	1591
45	1205
55	860
65	555
75	283
85	62
90	4

- Note.
1. Tested in accordance with IESNA LM-79-08.
 2. CRI: 85 typical.
 3. Actual performance may vary in the field.
 4. Actual wattage may differ by ±8%.



METEOR

ILOS Corporation

19745 Colima Road #1-807
Rowland Heights, CA 91748

P (213) 255 2060

F (213) 596 3704

www.meteor-lighting.com

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Surface Mounted Downlight

3500lm-8500lm