



HALO Commercial

HCC4, HCC6, HCC8
Downlight Cylinders

HCC

Downlight Cylinders

Halo Commercial offers HCC4, HCC6, HCC8 LED cylinders in 4-inch, 6-inch, 8-inch apertures with selection of matte white, matte black, silver and bronze painted finishes. Cylinder installation options include surface, pendant, aircraft cable and wall mounting. The cylinder series accommodates a variety of commercial applications that include healthcare, hospitality, educational and commercial office spaces.





Cylinder



LED Module



Reflector

The HCC Cylinder series offers narrow, medium, wide beam self-flanged reflectors and LED modules that match the HC4, HC6 and HC8 downlight series in reflector finishes, LED color metrics and photometric performance for a coordinated lighting design.

Cylinder Finish Options



MW
Matte White



MB
Matte Black



SL
Silver



BZ
Bronze

Reflector Finish Options



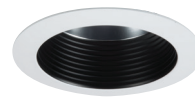
C
Specular Haze



H
Semi-specular Haze



W
White



WB
Black Baffle



WB
White Baffle



WF
White Flange (for C & H)

Mounting Options



Wall



Surface
Pendant
Aircraft Cable

Pendant Accessories



36" Pendant Kit
SP* Special lengths available
(made to order - see ordering information)

Finishes:

MW Matte White

MB Matte Black

SL Silver

BZ Bronze

Aircraft Cable Accessories



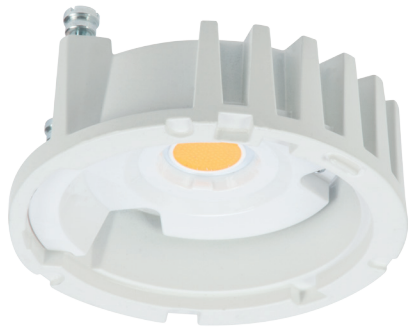
48" White or Black
120" White or Black



HCC4

4-inch Cylinder

4-inch round LED surface mount cylinder provides narrow, medium or wide distribution patterns for general area lighting. Cylinder designed for ceiling mount, wall mount, pendant mount or aircraft cable mount. Lumen options of 1000, 1500, 2000 lumen in color temperatures of 2700K, 3000K, 3500K and 4000K in 80 or 90 CRI.

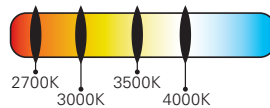


HM4 LED Module

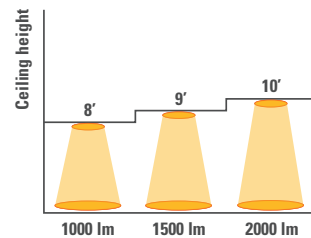
1000 lumens | 1500 lumens | 2000 lumens

The HCC4 LED modules are available in a discrete selection of correlated color temperatures (CCT). The user can choose color temperatures 2700K, 3000K, 3500K and 4000K in 80 or 90 CRI.

Color temperature options



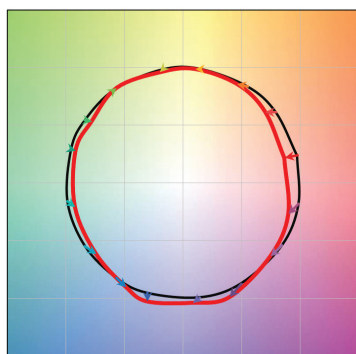
Lumen options



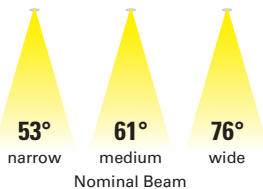
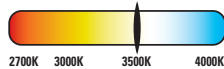
Nominal values for 15 - 20 footcandles at nadir.

80 CRI Color Metric Summary - 3500K*

COLOR VECTOR GRAPHIC

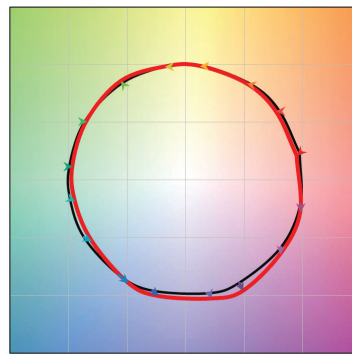


TM-30-15	R _f = 84.4
	R _g = 95.1
CRI/CIE	R _a = 84.7
	R ₉ = 14.2

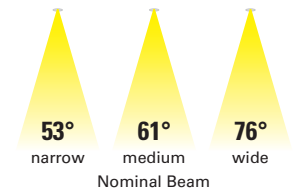
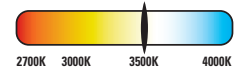


90 CRI Color Metric Summary - 3500K*

COLOR VECTOR GRAPHIC



TM-30-15	R _f = 90.7
	R _g = 100.4
CRI/CIE	R _a = 92.2
	R ₉ = 77.2



Order Information

Sample Number: HCC4S20D010MW - HM412835 - 41MDC

A complete luminaire consists of a cylinder, LED module and reflector (order separately)

Cylinder	Lumens (nominal)	Input / Control	Finish
HCC4S = 4" surface mount cylinder HCC4W = 4" wall mount cylinder	10 = 1000 lumens 15 = 1500 lumens 20 = 2000 lumens	D010 = 120-277VAC 50/60Hz, 0-10V analog, 1%-100% dimming Canada option D010347 = 347VAC 50/60Hz 0-10V analog 1%-100% dimming LED driver (Canada only)	MW = matte white MB = matte black BZ = bronze SL = silver
Notes	Notes	Notes	Notes

Accessories	Type	Length
Pendant Kit ⁽¹⁾ HCC8P36MW = Matte White pendant stem kit HCC8P36MB = Matte black pendant stem kit HCC8P36BZ = Bronze pendant stem kit HCC8P36SL = Silver pendant stem kit	Blank = 5 conductor cable (power & 0-10V dimming)	Blank = 36" SP* = * specify 6 to 144 in 1" increments
Aircraft Cable Kit ⁽¹⁾ HCAC120MW = 120" white aircraft cable kit HCAC48MW = 48" white aircraft cable kit HCAC120MB = 120" black aircraft cable kit HCAC48MB = 48" black aircraft cable kit		
Notes	Notes	Notes

(1) Pendant kit and Aircraft cable for use with HCC4S* surface mount cylinder.

LED Module	Lumens (nominal)	CRI / CCT (minimum)
HM4 = 4" module	12 = 1000, 1500, 2000 lumens	827 = 80 CRI, 2700K CCT 830 = 80 CRI, 3000K CCT 835 = 80 CRI, 3500K CCT 840 = 80 CRI, 4000K CCT 927 = 90 CRI, 2700K CCT 930 = 90 CRI, 3000K CCT 935 = 90 CRI, 3500K CCT 940 = 90 CRI, 4000K CCT
Notes	Notes	Notes

Reflector	Distribution ⁽²⁾	Finish	Flange	Accessories
41 = 4" self-flanged, conical reflector	ND = narrow reflector 53° beam angle, 0.84 SC MD = medium reflector 61° beam angle, 1.00 SC WD = wide reflector 76° beam angle, 1.24 SC RWW = rotatable wall wash with linear spread lens	C = Specular clear H = Semi-specular clear W = White (white flange)	Blank = Polished flange standard with C & H reflectors Blank = White flange standard with W reflector WF = White flange option available with C & H reflectors	41RWWPK = Rotatable wall wash replacement kit (for 41RWW reflector only)
41 = 4" self-flanged, baffle reflector	WD = wide baffle 76° beam angle, 1.24 SC RWW = rotatable wall wash with linear spread lens (wide beam baffle with lens wall wash insert)	BB = Black baffle (white flange) WB = White baffle (white flange)	Blank = White flange standard with BB & WB	
Notes	Notes (2) Values are nominal, based on specular clear reflector, other may vary. Additional factors include CRI/CCT, reflector finish, and lumen selected.	Notes	Notes	Notes

Self-flanged Reflectors



Specular Clear



Semi-Specular (Haze)



White



Black Baffle



White Baffle



Wall Wash



White Flange option
(for specular clear &
semi-specular haze)

Beam distribution options*



narrow
53°



medium
61°



wide
76°

Beam Distribution*			
Code	Distribution	Spacing Criteria	Beam Angle
ND	Narrow	0.84	53°
MD	Medium	1.0	61°
WD	Wide	1.2	76°

* Nominal values may vary depending on selected CRI/CCT and reflector finish.



HCC6

6-inch Cylinder

6-inch round LED surface mount cylinder provides narrow, medium or wide distribution patterns for general area lighting. Cylinder designed for ceiling mount, wall mount, pendant mount or aircraft cable mount. Lumen options range from 1000 to 4000 lumens in color temperatures of 2700K, 3000K, 3500K, 4000K in 80 or 90 CRI.

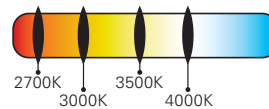
The HCC6 LED modules are available in a discrete selection of correlated color temperatures (CCT). The user can choose color temperatures 2700K, 3000K, 3500K and 4000K in 80 or 90 CRI.



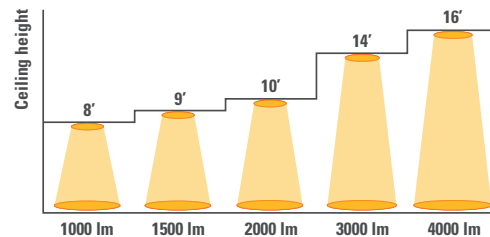
HM6 Low Lumen LED Module
1000 lumens | 1500 lumens | 2000 lumens

HM6 High Lumen LED Module
3000 lumens | 4000 lumens

Color temperature options



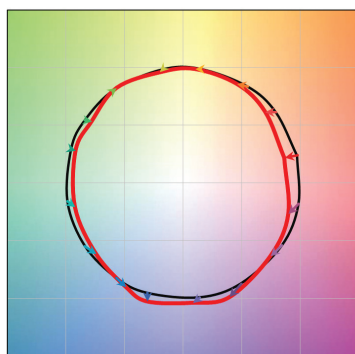
Lumen options



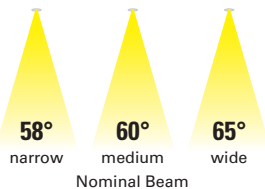
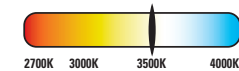
Nominal values for 15 - 20 footcandles at nadir.

80 CRI Color Metric Summary - 3500K*

COLOR VECTOR GRAPHIC

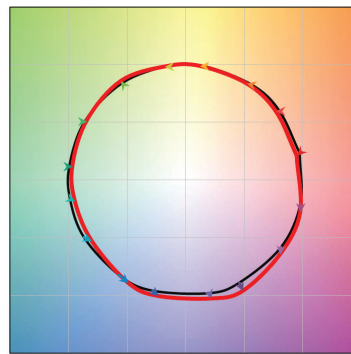


TM-30-15	R _f = 84.7
	R _g = 95.7
CRI/CIE	R _a = 85.2
	R ₉ = 16.9

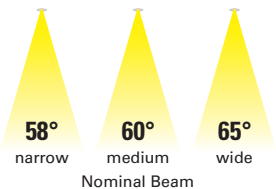
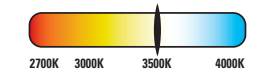


90 CRI Color Metric Summary - 3500K*

COLOR VECTOR GRAPHIC



TM-30-15	R _f = 90.1
	R _g = 98.7
CRI/CIE	R _a = 92.5
	R ₉ = 66.2



Order Information

Sample Number: HCC6S20D010MW - HM612835 - 61MDC

A complete luminaire consists of a cylinder, LED module and reflector (order separately)

Cylinder	Lumens (nominal)	Input / Control	Finish
HCC6S = 6" surface mount cylinder HCC6W = 6" wall mount cylinder	10 = 1000 lumens ⁽¹⁾ 15 = 1500 lumens ⁽¹⁾ 20 = 2000 lumens ⁽¹⁾ 30 = 3000 lumens ⁽²⁾ 40 = 4000 lumens ⁽²⁾	D010 = 120-277VAC 50/60Hz, 0-10V analog, 1%-100% dimming Canada option D010347 = 347VAC 50/60Hz 0-10V analog 1%-100% dimming LED driver (Canada only)	MW = matte white MB = matte black BZ = bronze SL = silver
Notes	Notes (1) Use with HM612* LED module. (2) Use with HM634C* LED module.	Notes	Notes

Accessories	Type	Length
Pendant Kit ⁽³⁾ HCC8P36MW = Matte White pendant stem kit HCC8P36MB = Matte black pendant stem kit HCC8P36BZ = Bronze pendant stem kit HCC8P36SL = Silver pendant stem kit	Blank = 5 conductor cable (power & 0-10V dimming)	Blank = 36" SP* = * specify 6 to 144 in 1" increments
Aircraft Cable Kit ⁽³⁾ HCAC120MW = 120" white aircraft cable kit HCAC48MW = 48" white aircraft cable kit HCAC120MB = 120" black aircraft cable kit HCAC48MB = 48" black aircraft cable kit		
Notes (3) Pendant kit and Aircraft cable for use with HCC6S* surface mount cylinder.	Notes	Notes

LED Module	Lumens (nominal)	CRI / CCT (minimum)	
HM6 = 6" module	12 = 1000, 1500, 2000 lumens 34C = 3000, 4000 lumens	827 = 80 CRI, 2700K CCT 830 = 80 CRI, 3000K CCT 835 = 80 CRI, 3500K CCT 840 = 80 CRI, 4000K CCT	927 = 90 CRI, 2700K CCT 930 = 90 CRI, 3000K CCT 935 = 90 CRI, 3500K CCT 940 = 90 CRI, 4000K CCT
Notes	Notes	Notes	

Reflector	Distribution ⁽⁴⁾	Finish	Flange	Accessories
61 = 6" self-flanged, conical reflector	ND = narrow reflector 58° beam angle, 0.97 SC MD = medium reflector 60° beam angle, 1.10 SC WD = wide reflector 65° beam angle, 1.28 SC RWW = rotatable wall wash with linear spread lens	C = Specular clear H = Semi-specular clear W = White (white flange)	Blank = Polished flange standard with C & H reflectors Blank = White flange standard with W reflector WF = White flange option available with C & H reflectors	61RWWPK = Rotatable wall wash replacement kit (for 61RWW reflector only)
61 = 6" self-flanged, baffle reflector	WD = wide baffle 65° beam angle, 1.28 SC RWW = rotatable wall wash with linear spread lens (wide beam baffle with lens wall wash insert)	BB = Black baffle (white flange) WB = White baffle (white flange)	Blank = White flange standard with BB & WB	
Notes	Notes (4) Values are nominal, based on specular clear reflector, other may vary. Additional factors include CRI/CCT, reflector finish, and lumen selected.	Notes	Notes	Notes

Self-flanged Reflectors



Specular Clear



Semi-Specular (Haze)



White



Black Baffle



White Baffle



Wall Wash



White Flange option
(for specular clear & semi-specular haze)

Beam distribution options*



narrow
58°



medium
60°



wide
65°

Beam Distribution*			
Code	Distribution	Spacing Criteria	Beam Angle
ND	Narrow	0.97	58°
MD	Medium	1.10	60°
WD	Wide	1.28	65°

* Nominal values may vary depending on selected CRI/CCT and reflector finish.



HCC8

8-inch Cylinder

8-inch round LED surface mount cylinder provides narrow, medium or wide distribution patterns for general area lighting. Cylinder designed for ceiling mount, wall mount, pendant mount or aircraft cable mount. Lumen options range from 1500 to 8000 lumens in color temperatures of 2700K, 3000K, 3500K, 4000K in 80 or 90 CRI.



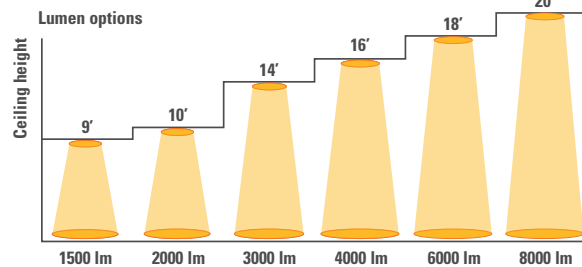
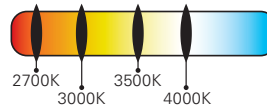
HM8 Low Lumen LED Module
1500 lumens | 2000 lumens

HM8 Mid Lumen LED Module
3000 lumens | 4000 lumens

HM8 High Lumen LED Module
6000 lumens | 8000 lumens

The HCC8 LED modules are available in a discrete selection of correlated color temperatures (CCT). The user can choose color temperatures 2700K, 3000K, 3500K and 4000K in 80 or 90 CRI.

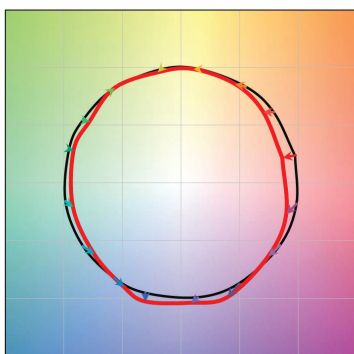
Color temperature options



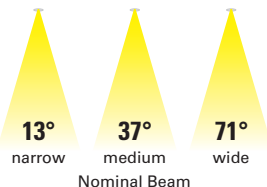
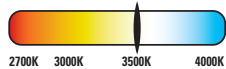
Nominal values for 15 - 20 footcandles at nadir.

80 CRI Color Metric Summary - 3500K*

COLOR VECTOR GRAPHIC

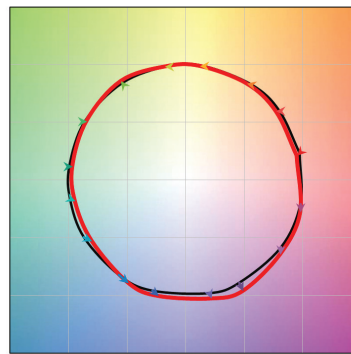


TM-30-15	R _f = 84
	R _g = 94
CRI/CIE	R _a = 86
	R ₉ = 19

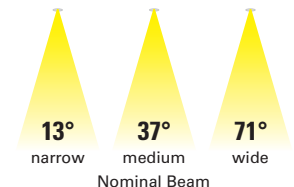
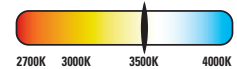


90 CRI Color Metric Summary - 3500K*

COLOR VECTOR GRAPHIC



TM-30-15	R _f = 92
	R _g = 101
CRI/CIE	R _a = 94
	R ₉ = 80



Order Information

Sample Number: HCC8S20D010MW - HM81520835 - 81MDC

A complete luminaire consists of a cylinder, LED module and reflector (order separately)

Cylinder	Lumens (nominal)	Input / Control	Finish
HCC8S = 8" surface mount cylinder HCC8W = 8" wall surface mount cylinder	15 = 1500 lumens ⁽¹⁾ 20 = 2000 lumens ⁽¹⁾ 30 = 3000 lumens ⁽²⁾ 40 = 4000 lumens ⁽²⁾ 60 = 6000 lumens ⁽³⁾ 80 = 8000 lumens ⁽³⁾	D010 = 120-277VAC 50/60Hz, 0-10V analog, 1%-100% dimming Canada option D010347 = 347VAC 50/60Hz 0-10V analog 1%-100% dimming LED driver, Available in 1500, 2000, 3000, 4000 lumen models only (Canada only)	MW = Matte White MB = Matte Black BZ = Bronze SL = Silver
Notes	Notes (1) Use with HM81520" LED module. (2) Use with HM83040" LED module. (3) Use with HM86080" LED module.	Notes	Notes

Accessories	Type	Length
Pendant Kit ⁽⁴⁾ HCC8P36MW = Matte White pendant stem kit HCC8P36MB = Matte black pendant stem kit HCC8P36BZ = Bronze pendant stem kit HCC8P36SL = Silver pendant stem kit	Blank = 5 conductor for use with 0-10V driver	Blank = 36" SP* = * specify 6 to 144 in 1" increments
Aircraft Cable Kit ⁽⁴⁾ HCAC120MW = 120" white aircraft cable kit HCAC48MW = 48" white aircraft cable kit HCAC120MB = 120" black aircraft cable kit HCAC48MB = 48" black aircraft cable kit		
Notes	Notes	Notes

(4) Pendant kit and Aircraft cable for use with HCC8* surface mount cylinder.

LED Module	Lumens (nominal)	CRI / CCT	
HM8 = 8" module	1520 = 1500, 2000 lumens 3040 = 3000, 4000 lumens 6080 = 6000, 8000 lumens	827 = 80 CRI (minimum), 2700K CCT 830 = 80 CRI (minimum), 3000K CCT 835 = 80 CRI (minimum), 3500K CCT 840 = 80 CRI (minimum), 4000K CCT	927 = 90 CRI, 2700K CCT 930 = 90 CRI, 3000K CCT 935 = 90 CRI, 3500K CCT 940 = 90 CRI, 4000K CCT
Notes	Notes	Notes	

Reflector	Distribution ⁽⁵⁾	Finish	Flange	Accessories
81 = 8" conical reflector	ND = narrow reflector 13° beam angle, 0.24 SC MD = medium reflector 37° beam angle, 0.60 SC WD = wide reflector 71° beam angle, 1.08 SC RWW = rotatable wall wash with linear spread lens	C = Specular clear H = Semi-specular clear W = White (white flange)	Blank = Polished flange standard with C & H reflectors Blank = White flange standard with W reflector WF = White flange option available with C & H reflectors	81RWWPK = Rotatable wall wash replacement kit (for 81RWW reflector only)
81 = 8" baffle reflector	WD = wide baffle 71° beam angle, 1.08 SC RWW = rotatable wall wash with linear spread lens (wide beam baffle with lens wall wash insert)	BB = Black baffle (white flange) WB = White baffle (white flange)	Blank = White flange standard with BB & WB	
Notes	Notes (5) Values are nominal, based on specular clear reflector, other may vary. Additional factors include CRI/CCT, reflector finish, and lumen selected.	Notes	Notes	Notes

Reflectors



Specular Clear



Semi-Specular (Haze)



White



Black Baffle



White Baffle



Wall Wash



White Flange option
(for specular clear & semi-specular haze)

Beam distribution options*



narrow
13°



medium
37°



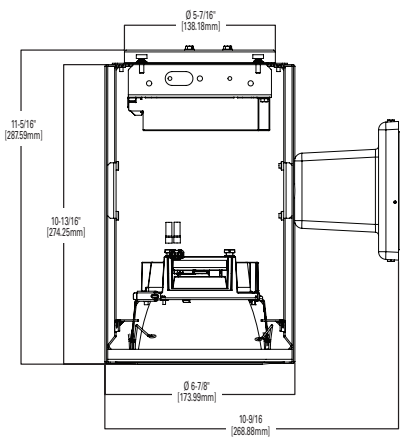
wide
71°

Beam Distribution*			
Code	Distribution	Spacing Criteria	Beam Angle
ND	Narrow	0.24	13°
MD	Medium	0.60	37°
WD	Wide	1.08	71°

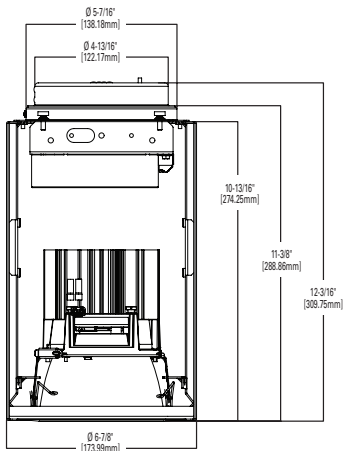
* Nominal values may vary depending on selected CRI/CCT and reflector finish.

HCC4 LED Cylinder

WALL MOUNT

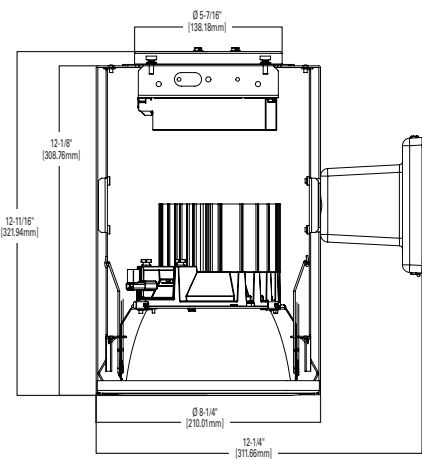


SURFACE MOUNT

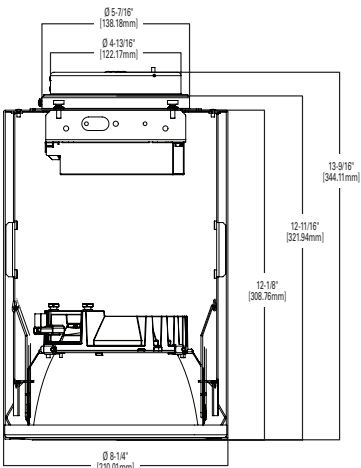


HCC6 LED Cylinder

WALL MOUNT

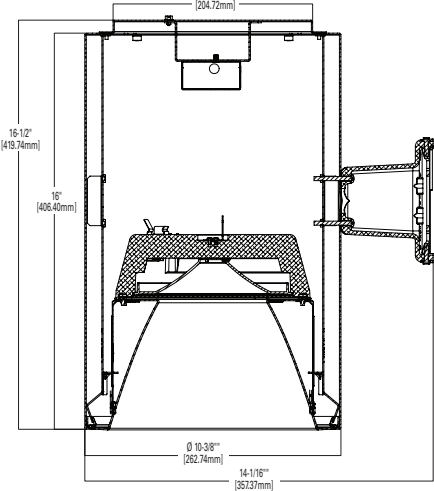


SURFACE MOUNT

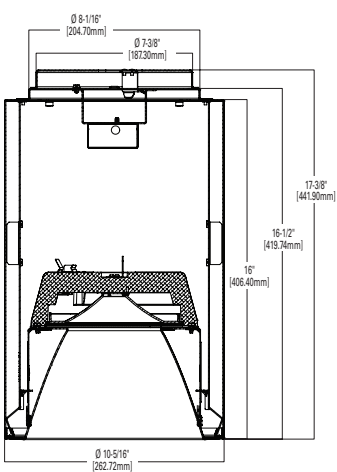


HCC8 LED Cylinder

WALL MOUNT



SURFACE MOUNT



Energy Data - HCC4 Series

Nominal Lumens Housing Model Number	1000 lumen HCC4*10		1500 lumen HCC4*15		2000 lumen HCC4*20	
LED Module	Low Lumen Module		Low Lumen Module		Low Lumen Module	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V
Current (A)	0.085	0.042	0.119	0.055	0.176	0.082
Power (W)	10.1	10.9	14.2	14.9	21.1	21.4
In-rush (A)	0.644	1.95	0.212	0.85	0.588	0.624
In-rush Duration (ms)	0.125	0.24	0.28	0.32	0.3	0.38
THD (%)	8.6	15.6	7.8	16.3	8.8	11.2
PF ≥	≥ 0.90					
Minimum starting temperature	-40°C (-40°F)					

Energy Data - HCC6 Series

Nominal Lumens Housing Model Number	1000 lumen HCC6*10		1500 lumen HCC6*15		2000 lumen HCC6*20		3000 lumen HCC6*30		4000 lumen HCC6*40	
LED Module	Low Lumen Module		Low Lumen Module		Low Lumen Module		High Lumen Module		High Lumen Module	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Current (A)	0.085	0.042	0.119	0.055	0.176	0.082	0.228	0.102	0.345	0.15
Power (W)	10.1	10.9	14.2	14.9	21.1	21.4	27.2	27	41.3	40.7
In-rush (A)	0.644	1.95	0.212	0.85	0.588	0.624	0.898	1.7	1.05	2.23
In-rush Duration (ms)	0.125	0.24	0.28	0.32	0.3	0.38	0.36	0.38	0.32	0.34
THD (%)	8.6	15.6	7.8	16.3	8.8	11.2	9.7	9.3	10.06	14.01
PF ≥	≥ 0.90									
Minimum starting temperature	-40°C (-40°F)									

Energy Data - HCC8 Series

Nominal Lumens Housing Model Number	1500 lumen HCC8*15		2000 lumen HCC8*20		3000 lumen HCC8*30		4000 lumen HCC8*40		6000 lumen HCC8*60		8000 lumen HCC8*80	
LED Module	Low Lumen Module		Low Lumen Module		Mid Lumen Module		Mid Lumen Module		High Lumen Module		High Lumen Module	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Current (A)	0.119	0.055	0.176	0.082	0.228	0.102	0.345	0.15	0.5	0.22	0.636	0.29
Power (W)	14.2	14.9	21.1	21.4	27.2	27	41.3	40.7	59.7	59	75.8	75
In-rush (A)	0.212	0.85	0.588	0.624	0.898	1.7	1.05	2.23	5.4	10.8	4.9	9.8
In-rush Duration (ms)	0.28	0.32	0.3	0.38	0.36	0.38	0.32	0.34	0.12	0.154	0.13	0.156
THD (%)	7.8	16.3	8.8	11.2	9.7	9.3	10.06	14.01	12.4	10.8	7.2	12.8
PF ≥	≥ 0.90											
Minimum starting temperature	-40°C (-40°F)											

Lighting Product Lines

Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
HALO
HALO Commercial
Invue
io
IRiS
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
RSA
Shaper
Streetworks
Sure-Lites

Controls Product Lines

Fifth Light Technology
Greengate
iLight (International Only)
iLumin
Zero 88

Connected Lighting Systems

Distributed Low-Voltage Power
HALO Home
iLumin Plus
LumaWatt Pro
WaveLinx



Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.halolighting.com

Canada Sales
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172

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