



## HALO Commercial

### LED Product Selection Guide

November 2022

# HALO Commercial

Never break the budget with HALO Commercial's downlighting. We delight customers with the right balance of visual comfort, energy efficiency and proven and tested products that meet commercial code.

## [HALO Commercial Brand Page](#)



# HC4 - HC6 - HC8 Series Round Commercial Downlights & Retrofit Kits LED Selection Guide\*

## HCC4 - HCC6 - HCC8 Series Round Cylinders (Cylinders use same LED & reflector as downlights) LED Selection Guide\*



Aperture Size	4-inch HC4 / HCC4													6-inch HC6 / HCC6												
	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
<b>Lumens</b>	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000
<b>Wattage (120V-277V) at 120V</b>	6.1	7.9	10	14.5	20.9	27.5	28.6	34.6	42.1	45.9	50.1	54.6	58.4	6.1	7.9	10	14.5	20.9	27.5	28.6	34.6	42.1	45.9	50.1	54.6	58.4
<b>Wattage (120V-277V) at 277V</b>	6.5	8.3	10.4	14.5	20.6	27.5	28.5	35.1	42.1	45.6	49.5	53.7	57.4	6.5	8.3	10.4	14.5	20.6	27.5	28.5	35.1	42.1	45.6	49.5	53.7	57.4
<b>LPW</b>	82	95	100	103	96	91	105	101	95	98	100	101	103	82	95	100	103	96	91	105	101	95	98	100	101	103
<b>Discreted CCT options</b>	2700K, 3000K, 3500K, 4000K, 5000K													2700K, 3000K, 3500K, 4000K, 5000K												
<b>CRI options</b>	80 and 90													80 and 90												
<b>R9 - 80CRI @ 3500K</b>	10.3													10.3												
<b>R9 - 90CRI @ 3500K</b>	55.1													55.1												
<b>Narrow, Medium &amp; Wide Distribution Options</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Reflector Finishes - Specular, Semi-Specular (Haze), Matte White, Matte Black</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Narrow Distribution - Beam Angle, Field Angle, Spacing Criteria</b>	55° Beam, 85° Field, 0.86 SC													56° Beam, 83° Field, 0.94 SC												
<b>Medium Distribution - Beam Angle, Field Angle, Spacing Criteria</b>	62° Beam, 89° Field, 1.00 SC													59° Beam, 84° Field, 1.08 SC												
<b>Wide Distribution - Beam Angle, Field Angle, Spacing Criteria</b>	74° Beam, 100° Field, 1.26 SC													72° Beam, 92° Field, 1.30 SC												
<b>Non-conductive - dead front, medium distribution, white polymer reflector (Non-IC)</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Rotatable lensed wall wash</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>New Construction (Remodel convertible w/ boat-shape frame)</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Retrofit</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Retrofit - Nominal Ceiling Cutout Range</b>	HC4R - 4-3/4" to 4-7/8" Retrofit													HC56R - 5-7/8" to 6-5/8" Retrofit HC6R - 6-5/8" to 7-0" Retrofit												
<b>Chicago Plenum - New Construction &amp; Retrofit</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Cylinder - surface mount</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Cylinder - wall mount</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Cylinder Accessory Mounting Kits - Aircraft cable, Pendant Stem</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Cylinder finish - matte white, matte black, matte metallic silver, dark bronze</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>120V-277V UNV, 1% - 100% 0-10V</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>347V, 1% - 100% 0-10V Canada option</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>DLVP - Distributed Low Voltage Power System</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Wavelinx / Wavelinx Lite</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Emergency options - Remote Test Switch</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<b>Emergency options - Integral Test Switch</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

# HC4 - HC6 - HC8 Series Round Commercial Downlights & Retrofit Kits LED Selection Guide\*

# HCC4 - HCC6 - HCC8 Series Round Cylinders (Cylinders use same LED & reflector as downlights) LED Selection Guide\*



Aperture Size	8-inch HC8 / HCC8													
Lumens	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	8000
Wattage (120V-277V) at 120V	6.1	7.9	10	14.5	20.9	23.9	28.6	34.6	42.1	45.9	50.1	54.6	58.4	72.5
Wattage (120V-277V) at 277V	6.5	8.3	10.4	14.5	20.6	23.8	28.5	35.1	42.1	45.6	49.5	53.7	57.4	72.9
LPW	82	95	100	103	96	91	105	101	95	98	100	101	103	110
Discreted CCT options	2700K, 3000K, 3500K, 4000K, 5000K													
CRI options	80 and 90													
R9 - 80CRI @ 3500K	10.3													
R9 - 90CRI @ 3500K	55.1													
Narrow, Medium & Wide Distribution Options	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Reflector Finishes - Specular, Semi-Specular (Haze), Matte White, Matte Black	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Narrow Distribution - Beam Angle, Field Angle, Spacing Criteria	13° Beam, 49° Field, 0.24 SC													
Medium Distribution - Beam Angle, Field Angle, Spacing Criteria	37° Beam, 73° Field, 0.60 SC													
Wide Distribution - Beam Angle, Field Angle, Spacing Criteria	72° Beam, 105° Field, 1.10 SC													
Non-conductive - dead front, medium distribution, white polymer reflector (Non-IC)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rotatable lensed wall wash	.	.	.	.	.	.	.	.	.	.	.	.	.	.
New Construction (Remodel convertible w/ boat-shape frame)	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Retrofit	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Retrofit - Nominal Ceiling Cutout Range	HC8R - 8-3/4" to 10-5/16" Retrofit w/ 11.3" O.D. matte white trim ring included HCR812 - 12" Retrofit w/ 15-3/8" OD matte white trim ring included													
Chicago Plenum - New Construction & Retrofit	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cylinder - surface mount	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cylinder - wall mount	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cylinder Accessory Mounting Kits - Aircraft cable, Pendant Stem	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cylinder finish - matte white, matte black, matte metallic silver, dark bronze	.	.	.	.	.	.	.	.	.	.	.	.	.	.
120V-277V UNV, 1% - 100% 0-10V	.	.	.	.	.	.	.	.	.	.	.	.	.	.
347V, 1% - 100% 0-10V Canada option	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DLVP - Distributed Low Voltage Power System	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Wavelinx / Wavelinx Lite	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Emergency options - Remote Test Switch	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Emergency options - Integral Test Switch	.	.	.	.	.	.	.	.	.	.	.	.	.	.



\* All values are nominal, field results may vary.

# PRS4 & PRS6 Series Square - Downlights LED Selection Guide\*



Aperture Size	4-inch PRS4						6-inch PRS6					
	FS12 Selectable			FS34 Selectable			FS12 Selectable			FS24 Selectable		
<b>Field Selectable Lumens</b>	1000 1500 2000			3000 4000			1000 1500 2000			2000 3000 4000		
<b>Selectable Lumens</b>	1000	1500	2000	3000	4000		1000	1500	2000	2000	3000	4000
<b>Discrete Fixed Lumen Options</b>	.	.		.			.	.		.		
<b>Wattage (120V-277V) at 120V</b>	10.5	13.4	21.3	26.9	39.8		10.5	13.4	21.3	21.0	26.9	39.8
<b>Wattage (120V-277V) at 277V</b>	11	13.8	21.4	27	39.4		11	13.8	21.4	21.2	27	39.4
<b>LPW</b>	95	111	94	111	111		95	111	94	95	111	111
<b>Field Selectable CCT</b>	3000K / 3500K / 4000K						3000K / 3500K / 4000K					
<b>Discrete Fixed CCT</b>	N/A						N/A					
<b>CRI</b>	83 **						83 **					
<b>R9 - 80CRI @ 3500K</b>	10						10.9					
<b>Narrow, Medium &amp; Wide Distribution Options</b>	.	.	.	.	.	.	.	.	.	.	.	.
<b>Shallow Reflector</b>	.	.	.	.	.	.	.	.	.	.	.	.
<b>Deep Regressed Reflector</b>	.	.	.	.	.	.	.	.	.	.	.	.
<b>Reflector Finishes - Specular, Semi-Specular (Haze), Matte White, Matte Black</b>	.	.	.	.	.	.	.	.	.	.	.	.
<b>Lensed Wall Wash Reflector</b>	.	.	.	.	.	.	.	.	.	.	.	.
<b>Narrow Distribution - Deep Reflector - Beam Angle, Field Angle, Spacing Criteria</b>	53° Beam, 83° Field, 0.8 SC						53° Beam, 86° Field, 0.8 SC					
<b>Medium Distribution - Deep Reflector - Beam Angle, Field Angle, Spacing Criteria</b>	63° Beam, 82° Field, 0.82 SC						60° Beam, 90° Field, 0.88 SC					
<b>Wide Distribution - Deep Reflector - Beam Angle, Field Angle, Spacing Criteria</b>	70° Beam, 118° Field, 1.12 SC						81° Beam, 124° Field, 1.28 SC					
<b>Narrow Distribution - Shallow Reflector - Beam Angle, Field Angle, Spacing Criteria</b>	61° Beam, 114° Field, 0.90 SC						58° Beam, 106° Field, 0.84 SC					
<b>Medium Distribution - Shallow Reflector - Beam Angle, Field Angle, Spacing Criteria</b>	74° Beam, 117° Field, 1.04 SC						70° Beam, 120° Field, 0.96 SC					
<b>Wide Distribution - Shallow Reflector - Beam Angle, Field Angle, Spacing Criteria</b>	98° Beam, 133° Field, 1.30 SC						105° Beam, 135° Field, 1.30 SC					
<b>New Construction (Remodel convertible w/boat-shape frame)</b>	.	.	.	.	.	.	.	.	.	.	.	.
<b>120V-277V UNV, 1% - 100% 0-10V</b>	.	.	.	.	.	.	.	.	.	.	.	.
<b>DLVP - Distributed Low Voltage Power System</b>	.	.	.	.	.	.	.	.	.	.	.	.
<b>Wavelinx / Wavelinx Lite</b>	.	.	.	.	.	.	.	.	.	.	.	.
<b>Emergency options - Remote Test Switch</b>	.	.	.	.	.	.	.	.	.	.	.	.

\* All values are nominal, field results may vary.  
 \*\* 90 CRI made to order.



# PR4 - PR6 - PR8 Series Round Modular System Downlights - Retrofit Kits - Surface Cylinders LED Selection Guide\*



Aperture Size	4-inch PR4						6-inch PR6						8-inch PR8					
<b>Field Selectable Lumens</b>	FS12 Selectable			FS24 Selectable			FS12 Selectable			FS24 Selectable			N/A			N/A		
<b>Selectable Lumens (Nominal)</b>	1000	1500	2000	2000	3000	4000	1000	1500	2000	2000	3000	4000	N/A	N/A	N/A	N/A	N/A	N/A
<b>Discrete Fixed Lumen Options</b>	.	.			.		.	.			.		1000	1500	2000	3000	4000	
<b>Wattage (120V-277V) at 120V</b>	10.5	13.4	21.3	21.0	26.9	39.8	10.5	13.4	21.3	21.0	26.9	39.8	10.5	15.0	22.0	26.9	39.8	
<b>Wattage (120V-277V) at 277V</b>	11	13.6	21.3	21.1	26	39.3	11	13.8	21.4	21.2	27	39.4	11.2	15.5	22.5	26	39.3	
<b>LPW (Nominal)</b>	95	112	94	95	112	111	95	112	94	95	112	111	95	100	91	112	111	
<b>Field Selectable CCT</b>	3000K / 3500K / 4000K						3000K / 3500K / 4000K						3000K / 3500K / 4000K					
<b>Discrete Fixed CCT Options</b>	2700K and 5000K						2700K and 5000K											
<b>CRI</b>	80+ and 90						80+ and 90						80+					
<b>R9 - 80CRI @ 3500K</b>	11						-4.5						10.8					
<b>R9 - 90CRI @ 3500K (Make to Order only)</b>	77						91.5						(90CRI make to order only)					
<b>Modular LED Module/Trim</b>	One-Piece Uni-body Trim/ Module fits New Construction-Retrofit-Cylinder						One-Piece Uni-body Trim/ Module fits New Construction-Retrofit-Cylinder						One-Piece Uni-body Trim/ Module fits New Construction-Retrofit-Cylinder					
<b>Module/Trim Finishes</b> White - Matte Metallic Silver - Dark Bronze	.	.	.	.	.	.	.	.	.	.	.	.						
<b>Module/Trim Finishes</b> White - Matte Metallic Silver - Black													.	.	.	.	.	.
<b>Medium &amp; Wide Distribution Options</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Medium Distribution - Beam Angle, Field Angle, Spacing Criteria</b>	70° Beam, 127° Field, 1.02 spacing criteria						90° Beam, 133° Field, 1.2 spacing criteria						80° Beam, 133° Field, 1.04 spacing criteria					
<b>Wide Distribution - Beam Angle, Field Angle, Spacing Criteria</b>	110° Beam, 150° Field, 1.62 spacing criteria						90° Beam, 134° Field, 1.34 spacing criteria						100° Beam, 146° Field, 1.38 spacing criteria					
<b>Louvered Wall Wash (Accessory)</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Oversize Trim Ring (Accessory)</b>	OT450P = 5-7/64" ID, 5-3/4" OD, Matte White						OT400P = 5-7/8" ID, 9-1/2" OD, Matte White						ABR10P = 8-3/4" ID, 11-5/16" OD, Matte White					
<b>New Construction (Remodel convertible w/ boat-shape frame)</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Retrofit</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Chicago Plenum - New Construction / Remodel &amp; Retrofit</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Surface Cylinder</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>120V-277V UNV, 1% - 100% 0-10V</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>DLVP - Distributed Low Voltage Power System</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Wavelinx / Wavelinx Lite</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<b>Emergency options - Remote Test Switch</b>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

\* All values are nominal, field results may vary.

# HCM 1-2-3-4 Series Multi-Head Recessed Multiples LED Selection Guide\*



Aperture Size	4-inch			
Multi-Head	1-Head	2-Head	3-Head	4-Head
Lumens	1200	1200	1200	1200
Wattage (120V-277V) at 120V Wattage (120V-277V) at 277V	15.2	28.3	42.3	56.1
	14.9	27.7	41.02	54.8
Discreted CCT options	2700K, 3000K, 3500K, 4000K			
CRI	90			
R9 - 90CRI @ 3500K	57.5			
Nominal Beam	15° SP / 25° NFL / 40° FL			
Field changeable reflectors	25° degree included (15° & 40° degree order separately)			
Finishes	Matte White & Matte Black			
Multi-Head Rotation	365 degree			
Multi-Head Tilt	0-70 degree from Nadir			
New construction	•			
Install from below	•			
D010 1%	•			
D010TR/TE 120V line voltage or 120-277	•			
DE010 0-10V 0%	•			
D010 10%	•			
D5LT DALI	•			
DMX	•			

\* All values are nominal, field results may vary.



### **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

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WaveLinx

### **IoT Platform**

Trellix



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