HALO COMMERCIAL

Downlighting Product Selection Guide

September 2025

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

This Product Selection Guide is a straightforward yet powerful tool designed to assist with product comparisons and selection, enabling users to make informed choices based on features, performance, and value.

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HALO Commercial Product Selection Guide

	PR Series Downlights & Wall Washers	**HCD Series** Downlights & Wall Washers	**HC Series**			**HCM Series** Multiples
			Downlights & Wall Washers	Retrofit Downlights	Cylinders (HCC)	
Stock		✔				
Specification (Made to Order)	✔		✔	✔	✔	✔
Size / Shape	4", 6", & 8" Round	4", 6", & 8" Round & Square	**Round:** 4", 6", & 8" **Square:** 4" & 6"	4", 6", & 8" Round & Square	4", 6", & 8" Round	4" Round
Installation	Mounting Frame • Install-from-below	Mounting Frame • Install-from-below	Mounting Frame • Install-from-below	Install-from-below	Surface • Wall • Pendant	Mounting Frame • Install-from-below Remodel
Lumens (Range)	1,000 – 4,000	Selectable Options 500 – 5,000	500 – 8,000	500 – 8,000	500 – 5,000	1,200 – 4,800
LPW (Lumens per Watt) (Max)	Up to 112 LPW	Up to 127 LPW	Up to 110 LPW			Up to 85 LPW
CCT (Correlated Color Temperature)	**SeleCCTable™:** 30/35/4000K **Fixed:** 2700K & 5000K	**SeleCCTable™:** 27/30/35/40/5000K **Fixed:** 2700K • 3000K • 3500K • 4000K • 5000K	**Fixed:** 2700K • 3000K • 3500K • 4000K • 5000K			**Fixed:** 2700K • 3000K • 3500K • 4000K
CRI (Color Rendering Index)	80 • 90	90	80 • 90	80 • 90	80 • 90	90
Dimming	100–1% 0-10V	100–1% 0-10V	100–1% 0-10V	100–1% 0-10V	100–1% 0-10V	100–1% 0-10V 100–1% Phase Cut
Input Voltage	120V-277V	120V-277V • 347V	120V-277V • 347V	120V-277V • 347V	120V-277V • 347V	120V-277V • 120V
Distribution	Medium • Wide	**Round:** Narrow • Medium • Wide **Square:** Medium	**Round:** Narrow • Medium • Wide **Square:** Medium	Narrow • Medium • Wide	Narrow • Medium • Wide	Spot • Narrow • Flood
Finish	Matte White • Matte Metallic Silver • Dark Bronze • Black	Specular • Haze (Semi-Specular) • Matte White • Matte Black	Specular • Haze (Semi-Specular) • Matte White • Matte Black	Specular • Haze (Semi-Specular) • Matte White • Matte Black	Specular • Haze (Semi-Specular) • Matte White • Matte Black	Matte White • Matte Black
Chicago Plenum	✔	✔	✔	✔	✔	✔
Wet Location Listed	✔	✔	✔	✔	✔	Damp
DLVP (Distributed Low Voltage System)	✔		✔	✔	✔	✔
Wavelinx Pro WPN • Wavelinx Lite WLN	✔	✔	✔	✔	✔	✔
Emergency Battery Backup	✔	✔	✔	✔		✔

		One-Piece LED Module & Trim fits New Construction, Retrofit, & Cylinders																
Features	**Size**	4"						6"						8"				
	Shape and Type	Round Downlights, Wall Washers, & Cylinders						Round Downlights, Wall Washers, & Cylinders						Round Downlights, Wall Washers, & Cylinders				
	Installation	New Construction / Remodel & Retrofit						New Construction / Remodel & Retrofit						New Construction / Remodel & Retrofit				
	Field-Selectable Lumens	**FS12 Selectable** 1,000/1,500/2,000			**FS24 Selectable** 2,000/3,000/4,000			**FS12 Selectable** 1,000/1,500/2,000			**FS24 Selectable** 2,000/3,000/4,000							
	Fixed Lumens	1000	1500			3000		1000	1500			3000		1000	1500	2000	3000	4000
	LPW (Lumens per Watt)	95	112	94	95	112	111	95	112	94	95	112	111	95	100	91	112	111
	CCT (Correlated Color Temperature) Field-SeleCCTable™ • Fixed Color Temperatures	SeleCCTable™: 30/35/4000K Fixed: 2700K & 5000K						SeleCCTable™: 30/35/4000K Fixed: 2700K & 5000K						SeleCCTable™: 30/35/4000K				
	CRI (Color Rendering Index)	80 • 90						80 • 90						80				
	Driver 100–1% 0-10V Dimming (120V–277V UNV)	✔						✔						✔				
Trims & Dims	**Module / Trim Finishes**	✔ Matte White • Matte Metallic Silver • Dark Bronze						✔ Matte White • Matte Metallic Silver • Dark Bronze						✔ Matte White • Matte Metallic Silver • Black				
	Trim Reflector Distributions Medium • Wide Beam Angle • Spacing Criteria (SC)	**Medium:** 70° Beam • 1.02 SC **Wide:** 110° Beam • 1.62 SC						**Medium:** 90° Beam • 1.2 SC **Wide:** 134° Beam • 1.34 SC						**Medium:** 80° Beam • 1.04 SC **Wide:** 100° Beam • 1.38 SC				
	Trim Dimensions Inner Aperture • Flange O.D.	4.8" Aperture • 6.1" O.D.						5.6" Aperture • 7.75" O.D.						7.5" Aperture • 9.75" O.D.				
	Louvered Wall Wash Accessory	✔						✔						✔				
	Oversized Trim Ring Accessory	✔ OT450P: 5.11" I.D. • 5.75" O.D. Matte White						✔ OT400P: 5.875" I.D. • 9.5" O.D. Matte White						✔ **ABR10P:** 8.75" I.D. • 11.313" O.D. Matte White				
Mounting	**Cylinders – Surface Mount** Finishes: Matte White • Matte Black • Matte Metallic Silver • Dark Bronze	✔						✔						✔				
	Downlights – New Construction & Remodel Ceiling Cutouts (New Construction Converts to Remodel with boat-shaped frame)	5.625″						7.25″						9.25"				
	Downlights – Retrofit Ceiling Cutout Ranges (Nominal)	PR4R Retrofit: 5" to 6"						PR6R Retrofit: 5.75" to 7.625"						PR8R Retrofit: 7" to 12"				
	Chicago Plenum New Construction / Remodel & Retrofit							✔						✔				
Power & Control	**DLVP** (Distributed Low Voltage System)	✔						✔						✔				
	Wavelinx Wireless Wavelinx Pro WPN • Wavelinx Lite WLN	✔						✔						✔				
	Emergency Battery Backup Options (Downlights Only) Remote Test Switch	✔						✔						✔				

All values are nominal, field results may vary.

		Complete Modular Downlighting System Any LED Module will fit any size/shape/distribution of HCD Trim Reflector																					
Features	**Size**	4"											6"										
	Shape and Type	Round & Square Downlights & Wall Washers											Round & Square Downlights & Wall Washers										
	Installation	New Construction, Remodel, & Retrofit											New Construction, Remodel, & Retrofit										
	Fixed or Field-Selectable Lumens	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000
	LPW (Lumens per Watt)	116	115	112	113	111	108	116	114	111	106	106	116	115	112	113	111	108	116	114	111	106	106
	CCT (Correlated Color Temperature) Field-SeleCCTable™ • Fixed Color Temperatures	**SeleCCTable™:** 27/30/35/40/5000K **Fixed:** 2700K • 3000K • 3500K • 4000K • 5000K											**SeleCCTable™:** 27/30/35/40/5000K **Fixed:** 2700K • 3000K • 3500K • 4000K • 5000K										
	CRI (Color Rendering Index)	90											90										
	Driver 100–1% 0-10V Dimming (120V–277V UNV)	✔											✔										
Trims & Dims	**Trims Reflector Finishes** Specular • Haze (Semi-Specular) • Matte White • Matte Black	✔ (Round Dead Front Trim: Up to 3000 lm)											✔ (Round Dead Front Trim: Up to 2000 lm)										
	Trim Reflector Distributions **Round:** Narrow • Medium • Wide **Square:** Medium Beam Angle • Cutoff • Spacing Criteria (SC)	**Round** **Narrow:** 61° Beam • 50° Cutoff • 0.92 SC **Medium:** 65° Beam • 55° Cutoff • 0.98 SC **Wide:** 85° Beam • 65°+ Cutoff • 1.15 SC **Square** **Medium:** 65° Beam • 55° Cutoff • 1.05 SC											**Round** **Narrow:** 57° Beam • 50° Cutoff • 0.82 SC **Medium:** 70° Beam • 55° Cutoff • 1.02 SC **Wide:** 85° Beam • 65°+ Cutoff • 1.12 SC **Square** **Medium:** 70° Beam • 55° Cutoff • 1.02 SC										
	Trim Dimensions (Min) Inner Aperture • Flange O.D.	**Round:** 4.29" Aperture • 5.75" O.D. **Square:** 4.37" x 4.37" Aperture • 5.8" x 5.8" O.D.											**Round:** 6" Aperture • 7.76" O.D. **Square:** 6" x 6" Aperture • 7.5" x 7.5" O.D.										
	Rotatable Lensed Wall Wash Accessory Converts any Reflector Trim into a Wall Wash Round • Square	✔											✔										
	Downlights – New Construction Ceiling Cutouts (Use New Construction Mounting Frame)	**Round:** 5" **Square:** 5.125" x 5.125"											**Round:** 6.375" **Square:** 6.75"										
	Downlights – Direct Mount Remodel or Retrofit Ceiling Cutouts (Retention Springs on Reflector Trim)	**Round:** 4.75" **Square:** 5" x 5"											**Round:** 6.375" **Square:** 6.625"										
	Chicago Plenum Module Kits & Mounting Frames	✔											✔										
	Wavelinx Wireless Wavelinx Pro WPN • Wavelinx Lite WLN	✔											✔										
	Emergency Battery Backup Options Remote or Integrated Test Switch (Integral Trim Reflectors Available)	✔											✔										

All values are nominal, field results may vary.

HCD Round & Square Fixtures share the same LED Modules

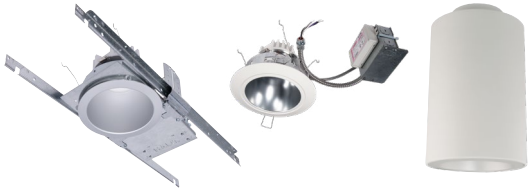
		Complete Modular Downlighting System Any LED Module will fit any size/shape/distribution of HCD Trim Reflector										
Features	**Size**	8"										
	Shape and Type	Round & Square Downlights & Wall Washers										
	Installation	New Construction, Remodel, & Retrofit										
	Fixed or Field-Selectable Lumens	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000
	LPW (Lumens per Watt)	109	107	104	106	104	101	109	106	104	99	99
	CCT (Correlated Color Temperature) Field-SeleCCTable™ • Fixed Color Temperatures	**SeleCCTable™:** 27/30/35/40/5000K **Fixed:** 2700K • 3000K • 3500K • 4000K • 5000K										
	CRI (Color Rendering Index)	90										
	Driver 100–1% 0-10V Dimming (120V–277V UNV)	✔										
Trims & Dims	**Trims Reflector Finishes** Specular • Haze (Semi-Specular) • Matte White • Matte Black	✔ (Round Dead Front Trim: Up to 4000 lm)										
	Trim Reflector Distributions **Round:** Narrow • Medium • Wide **Square:** Medium Beam Angle • Cutoff • Spacing Criteria (SC)	**Round** **Narrow:** 40° Beam • 50° Cutoff • 0.64 SC **Medium:** 75° Beam • 55° Cutoff • 1.08 SC **Wide:** 105° Beam• 65°+ Cutoff • 1.42 SC **Square** **Medium:** 75° Beam • 55° Cutoff • 1.08 SC										
	Trim Dimensions (Min) Inner Aperture • Flange O.D.	**Round:** 7.78" Aperture • 9.14" O.D. **Square:** 7.88" x 7.88" Aperture • 9.38" x 9.38" O.D.										
	Rotatable Lensed Wall Wash Accessory Converts any Reflector Trim into a Wall Wash Round • Square	✔ Square: N/A										
	Downlights – New Construction Ceiling Cutouts (Use New Construction Mounting Frame)	**Round:** 8.25" **Square:** 8.625" x 8.625"										
	Downlights – Direct Mount Remodel or Retrofit Ceiling Cutouts (Retention Springs on Reflector Trim)	**Round:** 8.25" **Square**: 8.5" x 8.5"										
	Chicago Plenum Module Kits & Mounting Frames	✔										
	Wavelinx Wireless Wavelinx Pro WPN • Wavelinx Lite WLN	✔										
	Emergency Battery Backup Options Remote or Integrated Test Switch (Integral Trim Reflectors Available)	✔										

All values are nominal, field results may vary.

HCD Round & Square Fixtures share the same LED Modules

HC Series

4, 6, and 8-inch Downlights, Wall Washers, & Cylinders | New Construction, Remodel, & Retrofit



Features	**Size**	4"													6"												
	Shape and Type	Round & Square Downlights & Wall Washers Round Cylinders													Round & Square Downlights & Wall Washers Round Cylinders												
	Installation	New Construction / Remodel & Retrofit													New Construction / Remodel & Retrofit												
	Fixed Lumens	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
	LPW (Lumens per Watt)	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
	CCT (Correlated Color Temperature) Fixed Color Temperatures	2700K • 3000K • 3500K • 4000K • 5000K													2700K • 3000K • 3500K • 4000K • 5000K												
	CRI (Color Rendering Index)	80 • 90													80 • 90												
	Driver 100–1% 0-10V Dimming (120V–277V UNV • 347V Canadian Version)	80 • 90													80 • 90												
Trims & Dims	**Trims Reflector Finishes** Specular • Haze (Semi-Specular) • Matte White • Matte Black **Round-only:** Non-conductive Dead Front Trim, Medium Distribution, White Polymer (Non-IC)	✔ (Round Dead Front Trim: Up to 3000 lm)													✔ (Round Dead Front Trim: Up to 2000 lm)												
	Trim Reflector Distributions **Round:** Narrow • Medium • Wide **Square:** Medium *Beam Angle • Cutoff • Spacing Criteria (SC)*	**Round** **Narrow:** 55° Beam • 55° Cutoff • 0.86 SC **Medium:** 62° Beam • 55° Cutoff • 1.00 SC **Wide:** 74° Beam • 60° Cutoff • 1.26 SC **Square** **Medium:** 54° Beam • 50° Cutoff • 0.85 SC													**Round** **Narrow:** 56° Beam • 55° Cutoff • 0.94 SC **Medium:** 59° Beam • 55° Cutoff • 1.08 SC **Wide:** 72° Beam • 60° Cutoff • 1.30 SC **Square** **Medium:** 53° Beam • 50° Cutoff • 0.81 SC												
	Trim Dimensions (Min) Inner Aperture • Flange O.D.	**Round:** 4.41" Aperture • 6.12" O.D. **Square:** 4.50" x 4.50" Aperture • 5.68" x 5.68" O.D.													**Round:** 6.06" Aperture • 7.75" O.D. **Square:** 6.03" x 6.03" Aperture • 7.18" x 7.18" O.D.												
	Rotatable Lensed Wall Wash Accessory Converts any Reflector Trim into a Wall Wash | Round • Square (Fits Downlights & Cylinders)	✔													✔												
Mounting	**Cylinders – Surface, Wall, and Pendant** (Pendants: Aircraft Cable or Stem Mount with Accessory Kits) Finishes: Matte White • Matte Black • Matte Metallic Silver • Dark Bronze	✔ (Up to 4,000 lm)													✔ (Up to 5,000 lm)												
	Downlights – New Construction & Remodel Ceiling Cutouts (Use New Construction Mounting Frame)	**Round:** 5.63" **Square:** 5.25" x 5.25"													**Round:** 7.25" **Square:** 6.75" x 6.75"												
	Downlights – Retrofit Ceiling Cutout Ranges (Nominal)	**Round:** **HC4R 4" Retrofit:** 4-3/4" to 4-7/8" **Square:** N/A													**Round:** **HC56R 5"/6" Retrofit:** 5-7/8" to 6-5/8" **HC6R 6" Retrofit:** 6-5/8" to 7-0" **Square:** N/A												
	Chicago Plenum New Construction / Remodel & Retrofit	✔													✔												
Power & Control	**DLVP** (Distributed Low Voltage System)	✔													✔												
	Wavelinx Wireless Wavelinx Pro WPN • Wavelinx Lite WLN	✔													✔												
	Emergency Battery Backup Options Remote or Integrated Test Switch (Integral Trim Reflectors Available)	✔													✔												

To maximize specification and lighting consistency, both the Round & Square HC Fixtures share the same LED Modules.HCD Round & Square Fixtures share the same LED Modules

All values are nominal, field results may vary.

Features	**Size**	8"													
	Shape and Type	Round Downlights, Wall Washers, & Cylinders													
	Installation	New Construction / Remodel & Retrofit													
	Fixed Lumens	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	8000
	LPW (Lumens per Watt)	82	95	100	103	96	91	105	101	95	98	100	101	103	110
	CCT (Correlated Color Temperature) Fixed Color Temperatures	2700K • 3000K • 3500K • 4000K • 5000K													
	CRI (Color Rendering Index)	80 • 90													
	Driver 100–1% 0-10V Dimming (120V–277V UNV • 347V Canadian Version)	80 • 90													
Trims & Dims	**Trims Reflector Finishes** Specular • Haze (Semi-Specular) • Matte White • Matte Black **Round-only:** Non-conductive Dead Front Trim, Medium Distribution, White Polymer (Non-IC)	✔ (Round Dead Front Trim: Up to 4,000 lm)													
	Trim Reflector Distributions **Round:** Narrow • Medium • Wide **Square:** Medium *Beam Angle • Cutoff • Spacing Criteria (SC)*	**Round** **Narrow:** 13° Beam • 55° Cutoff • 0.24 SC **Medium:** 37° Beam • 55° Cutoff • 0.60 SC **Wide:** 72° Beam • 60° Cutoff • 1.10 SC **Square** N/A													
	Trim Dimensions (Min) Inner Aperture • Flange O.D.	**Round:** 8.31" Aperture • 9.75" O.D. **Square** N/A													
	Rotatable Lensed Wall Wash Accessory Converts any Reflector Trim into a Wall Wash | Round • Square (Fits Downlights & Cylinders)	✔ **Square** N/A													
Mounting	**Cylinders – Surface, Wall, and Pendant** (Pendants: Aircraft Cable or Stem Mount with Accessory Kits) Finishes: Matte White • Matte Black • Matte Metallic Silver • Dark Bronze	✔													
	Downlights – New Construction & Remodel Ceiling Cutouts (Use New Construction Mounting Frame)	**Round:** 9.25" **Square:** N/A													
	Downlights – Retrofit Ceiling Cutout Ranges (Nominal)	**Round:** **HC8R 8" Retrofit:** 8-3/4" to 10-5/16", includes 11.3" O.D. Matte White Trim Ring **HCR812 12" Retrofit:** Nominal 12", includes 15-3/8" O.D. Matte White Trim Ring **Square:** N/A													
	Chicago Plenum New Construction / Remodel & Retrofit	✔													
Power & Control	**DLVP** (Distributed Low Voltage System)	✔													
	Wavelinx Wireless Wavelinx Pro WPN • Wavelinx Lite WLN	✔													
	Emergency Battery Backup Options Remote or Integrated Test Switch (Integral Trim Reflectors Available)	✔ **Square:** N/A													

To maximize specification and lighting consistency, both the Round & Square HC Fixtures share the same LED Modules.HCD Round & Square Fixtures share the same LED Modules

All values are nominal, field results may vary.

HCM Multiples Series

4-inch Recessed Adjustable Multiples | New Construction & Remodel

Features	**Size**	4"			
	Multi-Head Count	1-Head	2-Head	3-Head	4-Head
	Fixed Lumens (1200 lm each – Nominal)	1200	2400	3600	4800
	LPW (Lumens per Watt)	2700K • 3000K • 3500K • 4000K • 5000K			
	CCT (Correlated Color Temperature) Fixed Color Temperatures	2700K • 3000K • 3500K • 4000K • 5000K			
	CRI (Color Rendering Index)	90			
	Driver 100–1% 0-10V Dimming (120V–277V UNV) 100–1% Phase Cut Dimming (120V) 100–1% 0-10V Dimming (347V Canadian Version)	✔			
Trims & Dims	**Finishes** Matte White • Matte Black	✔			
	Field-Interchangeable Reflectors (Nominal Beams)	25° Narrow Flood (Included) 15° Spot • 40° Flood (Order Separately)			
	Adjustability – Tilt & Rotation	0–70° Tilt • 365° Rotation			
	Fixture Dimensions Individual Fixture Head: 2.5" diameter • Inner Aperture 5.2" • Flange O.D. 6.9"	5.2" x 5.3" I.D. 6.8" x 6.9" O.D.	5.3" x 10.4" I.D. 6.9" x 12.2" O.D.	5.3" x 15.7" I.D. 6.9" x 17.3" O.D.	5.3" x 20.9" I.D. 6.9" x 22.5" O.D.
Mounting	**New Construction & Remodel Ceiling Cutouts** (Install-from-below)	5.2" x 5.3"	5.2" x 10.4"	5.2" x 15.7"	5.2" x 20.9"
	Chicago Plenum New Construction & Remodel	✔			
Power & Control	**DLVP** (Distributed Low Voltage System)	✔			
	Wavelinx Wireless Wavelinx Pro WPN • Wavelinx Lite WLN	✔			
	Emergency Battery Backup Options Remote Test Switch • Integral Test Switch	Remote • Integral			

All values are nominal, field results may vary.

Lighting Brands
Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
HALO
HALO Commercial
Invue
iO
IRiS
Lumark
LumarkAP
Lumière
McGraw-Edison
Metalux
MWS
NeoRay
Portfolio
PrentaLux - 3D Printed Lighting
RSA
Shaper
Streetworks
Sure-Lites

Controls Brands
Greengate
Fifth Light
Intelligent Lighting Controls

Connected Lighting Systems and Smart Spaces Platform
WaveLinx
Trellix Infrastructure

SCAN
for more
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