HALO®
Commercial
LED Product Guide

April 2022

COOPER
Lighting Solutions

HALO® Commercial

Efficiency ✚ Value

Never break the budget with HALO Commercial's downlighting.

We delight specifying engineers with the right balance of visual comfort, energy efficiency and proven and tested products that always meet commercial code.

Product Mix

- Mainstream offering meets market demand in 4-inch, 6-inch, and 8-inch downlights, retrofits, cylinders, and multiples
- PR series offers contractors versatility of lumen and LED color selection on-site
- HC series offers discrete individual options in lumen and LED color

Performance and Efficiency

- Reflector designs optimized for greater optical efficiency (lumen delivery) and beam distribution
- Greater efficiency allows maximized fixture spacing with good uniformity
- Maximized spacing achieves desired watts per square foot (fewer fixtures = less power)
- Dimming with 120V-277V, 0-10V 1%-100% dimmer controls in downlights, retrofits, and cylinders; and multiples feature additional functionality of 120V phase-cut 1%-100% dimming
- Optional emergency battery back-up, and connected lighting with WaveLinx and Distributed Low Voltage Power system controls

Contractor Friendly
New Construction Housings

- Housings ship complete with No-Fuss bar hangers (no additional bars or C-channel to assemble)
- No-Fuss bars lock to T-grid by quick bend of a screwdriver or pliers (no screws to secure to grid)
- Boat-shaped plaster frame offers versatility in new construction and "old-work" remodeling
- Oversized junction box with 1/2" and 3/4" trade size pry-outs ships with quick wiring connectors
- Junction box low voltage section provides code-required barrier for 0-10V dimmer wiring
- Plaster lip collar is preset for 1/2" ceiling material, and adjusts up to 1-1/2"

high lumen | mid lumen | low lumen

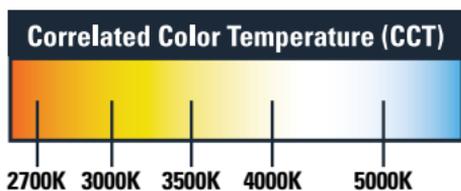# HC4
4″ Downlight and Wall Wash

Versatile 4-inch commercial downlight optimized for efficiency and optical performance. Reflectors offered in narrow, medium, and wide distribution for efficiency in lumen delivery. In stock and contractor installation friendly with emergency back-up and connected lighting options available.

Lumen Options
500 | 750 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000

Color Temperatures - 80CRI & 90CRI
2700K | 3000K | 3500K | 4000K | 5000K

Correlated Color Temperature (CCT)

2700K | 3000K | 3500K | 4000K | 5000K

WaveLinx

HC4

HC4R
retrofit available for 4.75″ to 4.87″ apertures

HC4R

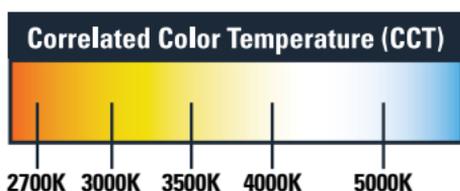mid lumen   low lumen

HCC4
4" Cylinder

4-inch round LED cylinder provides narrow, medium or wide distribution patterns for general area lighting. Cylinder designed for surface ceiling mount, wall mount, pendant mount or aircraft cable mount. Lumen options range from 500 to 4000 lumens in color temperatures of 2700K, 3000K, 3500K, 4000K, 5000K in 80 or 90 CRI.

Lumen Options
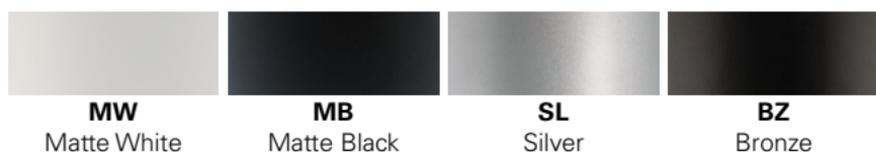500 | 750 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000

Color Temperatures - 80CRI & 90CRI
2700K | 3000K | 3500K | 4000K | 5000K

Correlated Color Temperature (CCT)

2700K 3000K 3500K 4000K 5000K

HCC4

Finishes

| **MW** | **MB** | **SL** | **BZ** |
| Matte White | Matte Black | Silver | Bronze |

high lumen   mid lumen   low lumen

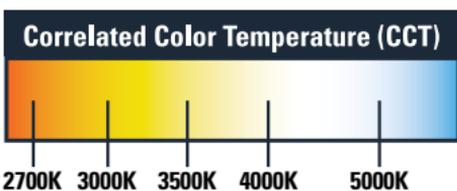# HC6
6″ Downlight and Wall Wash

Versatile 6-inch commercial downlight optimized for efficiency and optical performance. Reflectors offered in narrow, medium, and wide distribution for efficiency in lumen delivery. In stock and contractor installation friendly with emergency back-up and connected lighting options available.

Lumen Options
500 | 750 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000

Color Temperatures - 80CRI & 90CRI
2700K | 3000K | 3500K | 4000K | 5000K

Correlated Color Temperature (CCT)

2700K 3000K 3500K 4000K 5000K

WaveLinx

HC6

HC6R & HC56R
retrofits available for 5.87″ to 7.0″ apertures

HC6R   HC56R

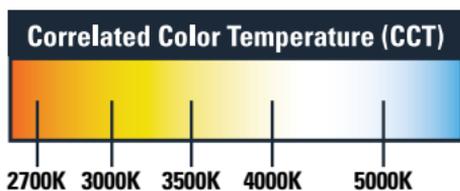high lumen   mid lumen   low lumen

HCC6
6" Cylinder

6-inch round LED cylinder provides narrow, medium or wide distribution patterns for general area lighting. Cylinder designed for surface ceiling mount, wall mount, pendant mount or aircraft cable mount. Lumen options range from 500 to 5500 lumens in color temperatures of 2700K, 3000K, 3500K, 4000K, 5000K in 80 or 90 CRI.
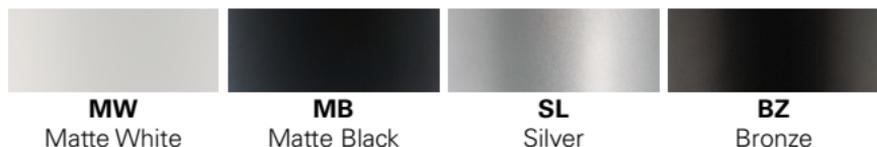
Lumen Options
500 | 750 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000

Color Temperatures - 80CRI & 90CRI
2700K | 3000K | 3500K | 4000K | 5000K

Correlated Color Temperature (CCT)

2700K 3000K 3500K 4000K 5000K

HCC6

Finishes

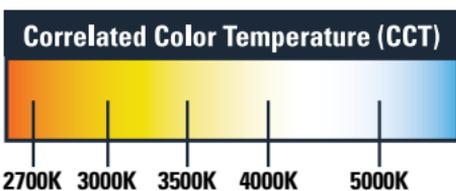| **MW**	**MB**	**SL**	**BZ**
Matte White	Matte Black	Silver	Bronze

HC8
8″ Downlight and Wall Wash

Versatile 8-inch commercial downlight optimized for efficiency and optical performance. Reflectors offered in narrow, medium, and wide distribution for efficiency in lumen delivery. In stock and contractor installation friendly with emergency back-up and connected lighting options available.

Lumen Options
500 | 750 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000 | 8000

Color Temperatures - 80CRI & 90CRI
2700K | 3000K | 3500K | 4000K | 5000K

Correlated Color Temperature (CCT)

2700K   3000K   3500K   4000K   5000K

WaveLinx

HC8

HC8R & HC812R
retrofits available for 8.7″ to 10″ and 12″ apertures
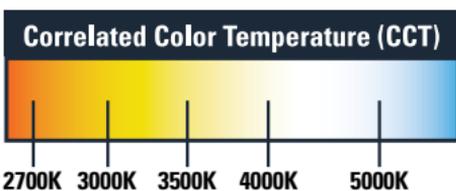
HC8R

HCC8
8" Cylinder

8-inch round LED cylinder provides narrow, medium or wide distribution patterns for general area lighting. Cylinder designed for surface ceiling mount, wall mount, pendant mount or aircraft cable mount. Lumen options range from 500 to 8000 lumens in color temperatures of 2700K, 3000K, 3500K, 4000K, 5000K in 80 or 90 CRI.
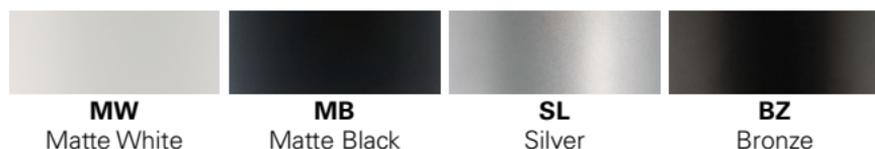
Lumen Options
500 | 750 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 5500 | 6000 | 8000

Color Temperatures - 80CRI & 90CRI
2700K | 3000K | 3500K | 4000K | 5000K

Correlated Color Temperature (CCT)

2700K 3000K 3500K 4000K 5000K

HCC8

Finishes

MW	MB	SL	BZ
Matte White	Matte Black	Silver	Bronze

high lumen   low lumen

PRS
4" & 6" Square Downlight and Wall Wash

4-inch and 6-inch square downlights with selectable lumens and selectable color temperatures. Full cut-off regressed reflectors with exclusive square lens optics offer narrow, medium and wide beam options. In stock and contractor installation friendly, with more beam options in the square commercial grade market. Emergency back-up and connected lighting options available.
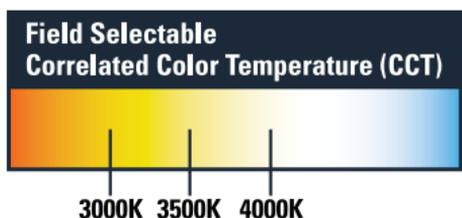
Selectable Lumens
Low lumen range: 1000 | 1500 | 2000
PRS4 high lumen range: 3000 | 4000
PRS6 high lumen range: 2000 | 3000 | 4000

SeleCCTable Color Temperatures - 80CRI
3000K | 3500K | 4000K

Field Selectable
Correlated Color Temperature (CCT)

3000K 3500K 4000K

WaveLinx

PRS4

PRS6

low lumen

high lumen

new construction

retrofit

surface cylinder

PR4
4" LED Downlight and Wall Wash

4-inch modular downlights with selectable lumens and field selectable color temperatures offer ultimate flexibility in making final settings on site. Exclusive "flip" lens offers medium and wide beams by a flip of the lens, making PR4 an all-inclusive versatile downlight. Modular installation options for new construction, retrofit, and surface cylinder. Self-flanged reflector/trim module and surface cylinders are available in matte white, matte metallic silver, and dark bronze. In stock and contractor friendly with emergency and connected lighting options available.
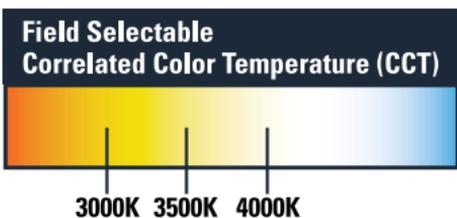
Selectable Lumens
Low lumen range: 1000 | 1500 | 2000
High lumen range: 2000 | 3000 | 4000

SeleCCTable Color Temperatures - 80CRI & 90CRI
3000K | 3500K | 4000K

Field Selectable Correlated Color Temperature (CCT)
3000K 3500K 4000K

WaveLinx

PR4

low lumen

high lumen

new construction

retrofit

surface cylinder

seleCCTable colors

selectable lumens

PR6
6″ LED Downlight and Wall Wash

6-inch modular downlights with selectable lumens and field selectable color temperatures offer ultimate flexibility in making final settings on site. Exclusive "flip" lens offers medium and wide beams by a flip of the lens, making PR6 an all-inclusive versatile downlight. Modular installation options for new construction, retrofit, and surface cylinder. Self-flanged reflector/trim module and surface cylinders are available in matte white, matte metallic silver, and dark bronze. In stock and contractor friendly with emergency and connected lighting options available.
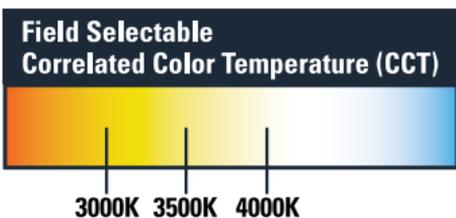
Selectable Lumens
Low lumen range: 1000 | 1500 | 2000
High lumen range: 2000 | 3000 | 4000

SeleCCTable Color Temperatures - 80CRI & 90CRI
3000K | 3500K | 4000K

Field Selectable
Correlated Color Temperature (CCT)

3000K 3500K 4000K

WaveLinx

PR6

new construction   retrofit   surface cylinder

seleCCTable colors
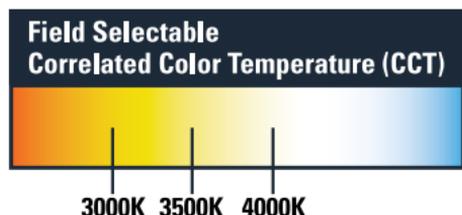
PR8
8" LED Downlight and Wall Wash

8-inch modular downlights with selectable color temperatures for flexibility in making final settings on-site. Lens options in medium and wide beam are field interchangeable to adjust to site conditions. Versatile range of fixed lumen options. Modular installation options in new construction, retrofit, and surface cylinder. Self-flanged reflector/trim module and surface cylinder available in matte white, matte metallic silver, and black. In stock and contractor installation friendly with connected lighting options available.

Lumen Options (Fixed, non-selectable)
1000 | 1500 | 2000 | 3000 | 4000

SeleCCTable Color Temperatures - 80CRI
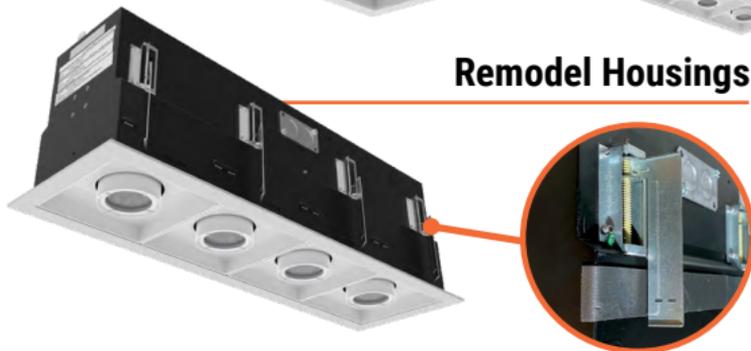3000K | 3500K | 4000K

Field Selectable
Correlated Color Temperature (CCT)

3000K 3500K 4000K

WaveLinx

PR8

New Construction Housings

Remodel Housings
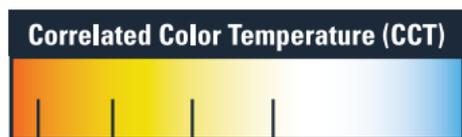
HCM
4" LED 1, 2, 3, or 4 Multi-head

HCM series is the perfect solution for spaces that need layered accent lighting. Available in 1, 2, 3 or 4 recessed multi-head luminaires. The HCM is designed for use in healthcare, hospitality, office, education, and merchandising environments. The directional aiming can be used to accent and highlight in a variety of ways including indoor displays, artwork, countertops, entryways, whiteboards, signboards and more.

Lumens (per each multi-head)
1200

Color Temperatures - 90CRI
2700K | 3000K | 3500K | 4000K

Correlated Color Temperature (CCT)

2700K 3000K 3500K 4000K

WaveLinx

HCM1-2-3-4

Finishes

MW
matte white housing/multi-heads and flange trim
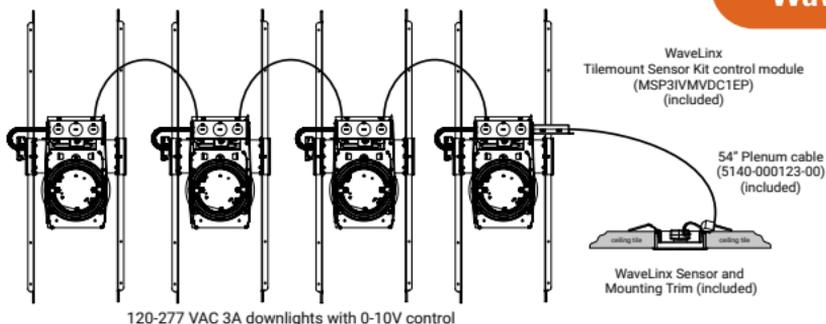
MB
matte black housing/multi-heads and flange trim

MBWF
matte black housing/multi-heads, matte white flange trim

Includes switchleg (Blue load out wire) and 0-10V to each fixture controlled
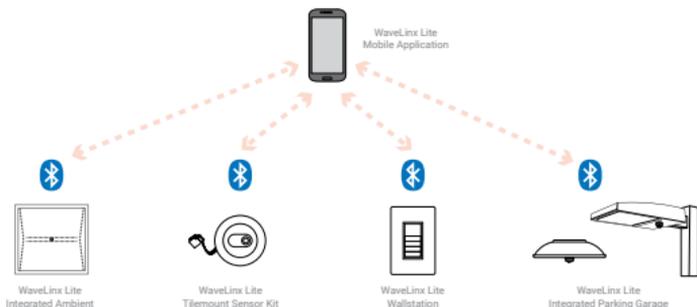
WaveLinx
Tilemount Sensor Kit control module
(MSP3IVMVDC1EP)
(included)

54" Plenum cable
(5140-000123-00)
(included)

ceiling tile   ceiling tile

WaveLinx Sensor and
Mounting Trim (included)

120-277 VAC 3A downlights with 0-10V control

WaveLinx Lite - WTK Tilemount Sensor

WaveLinx Lite

- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinx Lite Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic occupancy or vacancy, sensor sensitivity, daylight dimming, etc. configurable through the app
- Refer to the WaveLinx system specifications for details

WaveLinx Lite Bluetooth Enabled System

WaveLinx Lite
Mobile Application

**Wavelinx
Lite**

WaveLinx Lite
Integrated Ambient

WaveLinx Lite
Tilemount Sensor Kit

WaveLinx Lite
Wallstation

WaveLinx Lite
Integrated Parking Garage

WaveLinx – WTA Tilemount Sensor

- WaveLinx functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building Network Installations

Wavelinx

**Downlights with
tilemount sensor
wireless communication**
Highly efficient LED fixtures

**Wireless Area
Controller**
Provides centralized
coordination of multiple
area control options

**Wireless Wall
Station/Receptacle**
Provides customized
wireless control of each area

**Mobile
Applications**
Provides personalized, local
control from a tablet or
smartphone

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Our 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

Our Controls Product Lines
Fifth Light Technology
Greengate
iLight (International Only)
iLumin
Zero 88

Connected Lighting Systems
Distributed Low-Voltage Power
HALO Home
WaveLinx
Trellix

COOPER
Lighting Solutions