

HALO Commercial

HC Series

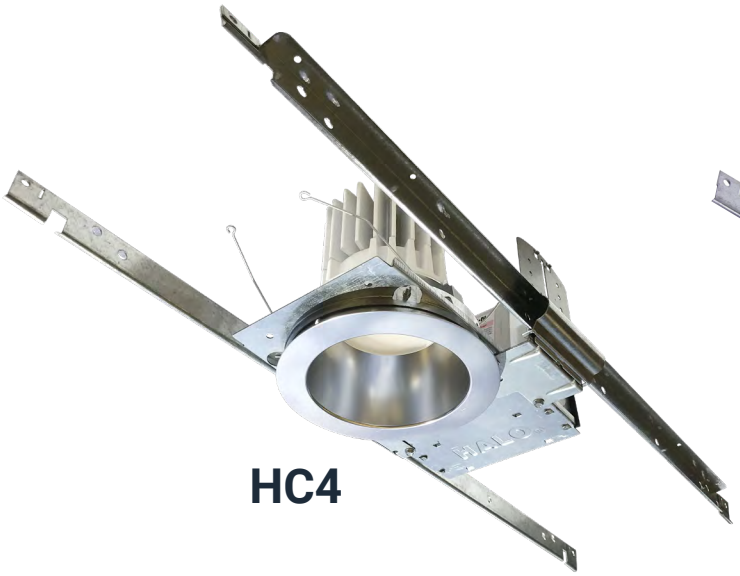
4-inch, 6-inch & 8-inch
LED Downlight & Wall Wash

COOPER Lighting Solutions

HC Series

Recessed Downlights

HALO Commercial offers HC4, HC6, HC8 LED downlights in 4-inch, 6-inch, 8-inch apertures. The HC recessed downlights are offered with narrow, medium, or wide beam reflectors or wall wash reflector. Installation options include new construction/remodel and retrofit kit. Available in multiple lumen packages and color temperatures, The HC Series is ideal for general area lighting in commercial construction.



HC4

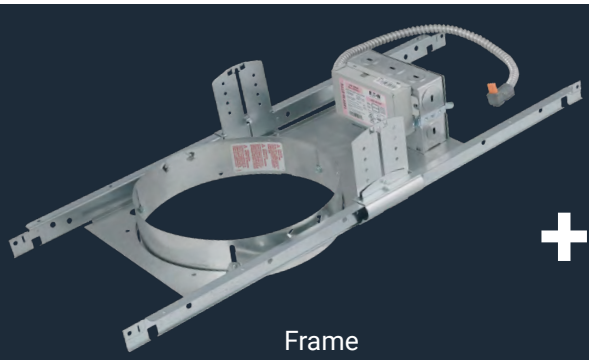


HC6

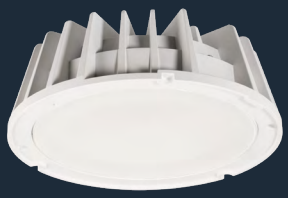


HC8





Frame



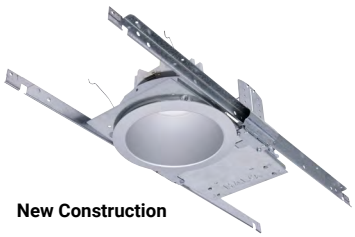
LED Module



Reflector

The HC Series downlights offer narrow, medium, wide beam self-flanged reflectors and LED modules that match the HCC cylinders in reflector finishes, LED color metrics and photometric performance for a coordinated lighting design.

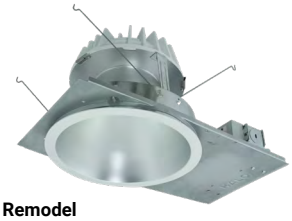
Installation Options



New Construction



Retrofit



Remodel
Bar hangers and brackets easily removed for remodel installation.



HCC Cylinders
Use the same LED module and trims as the HC Series downlights.

Reflector Finish Options



C
Specular Clear



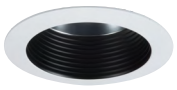
H
Semi-specular Haze



W
White



WB
White Baffle



BB
Black Baffle

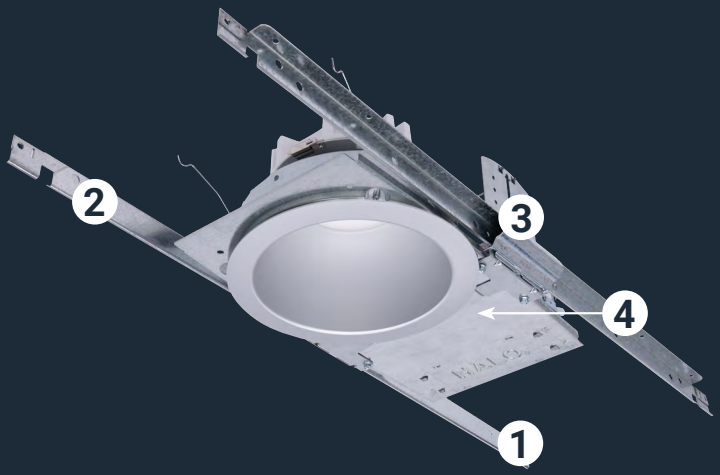


WF
White Flange (for C & H)



BBBF
Black Baffle with Black Flange

Standard Features



1. Housing Mounting Frame

a. Boat-shaped galvanized steel frames with die-formed aperture
b. New construction or remodeling installation with boat shaped frame
c. Plaster lip collar pre-set to 1/2" and adjusts for ceilings up to 1-1/2" thick

2. No Fuss Bar Hangers

a. Pre-installed and centered mounting bars
b. Bars lock to tee grid with screwdriver or pliers
c. Centering marks on the bar bracket

3. Adjustable Mounting Brackets

a. Bar brackets adjust 2" vertically from above the ceiling or through the aperture
b. Brackets for use with the included "No Fuss" mounting bars or with 1/2" EMT
c. Brackets are removable for remodel installation from below the ceiling

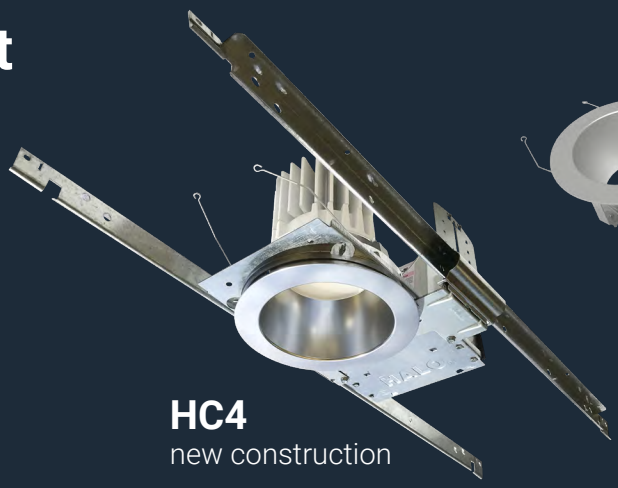
4. Junction Box

a. Listed for (8) #12 AWG 90° C conductors (4-in/4-out)
b. Listed for feed through branch wiring
c. (3) 1/2" and (2) 3/4" trade size pry-outs
d. Low voltage barrier section for 0-10V dimming wires
e. (3) 4-port push wire nuts (1-port is fixture connection)

HC4 Series

4-inch LED Downlight and Wall Wash

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



HC4
new construction



HC4R
retrofit



HM4 Low Lumen LED Module

Lumens
500 | 750 | 1000 | 1500 | 2000 | 2500



HM4 Mid Lumen LED Module

Lumens
3000 | 3500 | 4000

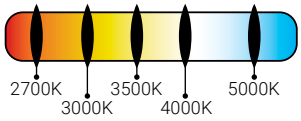


HM4 High Lumen LED Module

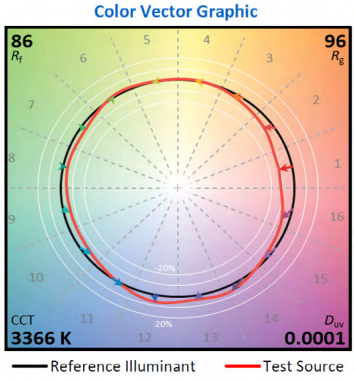
Lumens
4500 | 5000 | 5500 | 6000

Color temperature

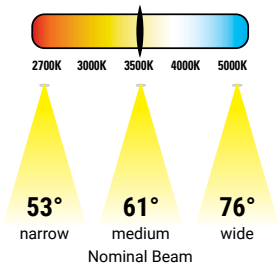
The HC4 LED modules are available in a discrete selection of correlated color temperatures (CCT). The user can choose color temperatures 2700K, 3000K, 3500K, 4000K and 5000K in 80 or 90 CRI.



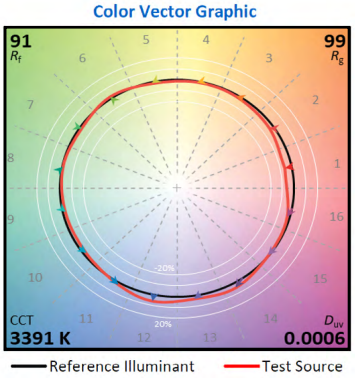
80 CRI Color Metric Summary - 3500K*



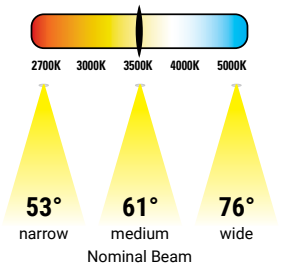
TM-30-15	Rf = 86
	Rg = 95.5
CRI/CIE	Ra = 83.8
	R9 = 10.3



90 CRI Color Metric Summary - 3500K*



TM-30-15	Rf = 91.1
	Rg = 99
CRI/CIE	Ra = 92.4
	R9 = 55.1



Order Information - HC4

Sample Number : HC420D010REM7 - HM43040930 - 41MDC
A complete luminaire consists of a housing frame, LED module, and reflector (ordered separately)

Mounting Frame	Lumens	Driver Options	Factory Installed Emergency & Connected Lighting Options	Accessories (Order & Install Separately)
HC4 = 4" new construction downlight housing **HC4CP** = 4" new construction housing, Chicago Plenum - CCEA compliant	**05** = 500 lm **07** = 750 lm **10** = 1000 lm **15** = 1500 lm **20** = 2000 lm **25** = 2500 lm **30** = 3000 lm **35** = 3500 lm **40** = 4000 lm **45** = 4500 lm [7] **50** = 5000 lm [7] **55** = 5500 lm [7] **60** = 6000 lm [7]	**D010**=UNV 120-277V, 50/60Hz, 0-10V 1%-100% dimming at 120-277V on 0-10V controls **Canada Option 500-5000 lumens:** **D010347** = 347VAC 50/60Hz 0-10V 1%-100% dimming. For 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000lm models only [1] **Canada Option 5500-6000 lumens:** **D010X347** = step down transformer factory installed (with standard "D010" 120V-277V LED driver). For 5500, 6000lm models only [1]	**REM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **REM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **IEM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **IEM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **BOD7ST** = 7.5 watt Bodine self-test emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **WTA** = Factory WaveLinx Tilemount Sensor Kit [4] **WTK** = Factory WaveLinx Lite Commercial Tilemount Sensor Kit [5]	**HB128APK** = L channel hanger bar, 26", pair (replacement) **RMB22** = Adjustable wood joist mounting bars, pair, extend to 22" long **H347** = 347 to 120V step down transformer, 75VA **H347200** = 347 to 120V step down transformer, 200VA **WTA** = Field WaveLinx Tilemount Sensor Kit [4] **WTK** = Field WaveLinx Lite Commercial Tilemount Sensor Kit [5]
		DLV = Distributed Low Voltage driver 1%-100% dimming. DLV for use with DLVP system only. Refer to DLVP low-voltage power module and DLVP specifications for details. [1]	**REMV7** = 7 watt emergency battery pack with remote test / indicator light, use with DLV only [1] [2] [3] [6] **REMV14** = 14 watt emergency battery pack with remote test / indicator light, use with DLV only [1] [2] [3] [6] **IEMV7** = 7 watt emergency battery pack with remote test / indicator light, use with DLV only [1] [2] [3] [6] **IEMV14** = 14 watt emergency battery pack with remote test / indicator light, use with DLV only [1] [2] [3] [6]	

LED Module	Lumens	CRI/CCT	
HM4 = 4" LED module	**0525** = 500 - 2500 lumen **3040** = 3000-4000 lumen **4560** = 4500-6000 lumen	**827** = 80CRI, 2700K **830** = 80CRI, 3000K **835** = 80CRI, 3500K **840** = 80CRI, 4000K **850** = 80CRI, 5000K	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI, 5000K

Reflector	Distribution[8]	Finish	Flange	Accessories
41 = 4" conical reflector	**ND** = narrow 50° beam angle 0.84 SC (nominal) **MD** = medium 60° beam angle 1.00 SC (nominal) **WD** = wide 75° beam angle 1.24 SC (nominal) **RWW** = rotatable wall wash with linear spread lens	**C** = Specular clear **H** = Semi-specular clear **W** = White	**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** = Replacement part kit - wall wash lens insert - for use with 41RWW* only.

Baffle	Distribution[8]	Finish	Flange	Accessories
41 = 4" baffle reflector	**WD** = wide 75° beam angle 1.24 SC (nominal) **RWW** = rotatable wall wash with linear spread lens	**BB** = Black baffle **WB** = White baffle	**Blank** = White flange standard with BB, & WB **BF** = Black flange option available with BB	**41RWWPK** = Replacement part kit - wall wash lens insert - for use with 41RWW* only.

IEM Reflector	Distribution[8]	Finish	Flange	Integral Emergency
41 = 4" conical reflector for integral emergency only	**ND** = narrow 50° beam angle 0.84 SC (nominal) **MD** = medium 60° beam angle 1.00 SC (nominal) **WD** = wide 75° beam angle 1.24 SC (nominal)	**C** = Specular clear **H** = Semi-specular clear **W** = White	**Blank** = Polished flange standard with C & H reflectors **Blank** = White flange standard with W reflector **WF** = White flange option available with C & H reflectors	**IEM** = Reflector for integral emergency only

IEM Baffle	Distribution[8]	Finish	Flange	Integral Emergency
41 = 4" baffle reflector for integral emergency only	**WD** = wide 75° beam angle 1.24 SC (nominal)	**BB** = Black baffle **WB** = White baffle	**Blank** = White flange standard with BB, & WB **BF** = Black flange option with BB	**IEM** = Reflector for integral emergency only

Reflector	Distribution[8]	Finish	Flange
41PS = 4" non-conductive polymer 'dead front' conical reflector [9]	**MD** = medium 60° beam angle 1.00 SC (nominal)	**W** = White	**Blank** = White flange standard with W reflector

Notes: (1) Not available with CP models. (2) Not available with D010347 (347V models). (3) ULus for U.S. only. (4) WTA = WaveLinx tile mount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinx specifications). (5) WTK = WaveLinx Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx Lite specifications). (6) Emergency battery backup options are Non-IC only, and rated for a minimum starting temperature of 0°C. (7) Marked Spacing: Center to Center of Adjacent Luminaires = 36" / Center of Luminaire to Building Member = 18" / Minimum overhead = 0.5 (8) Values are nominal for white reflector, others may vary. (9) 41PS* is 1000-3000 lumens Non-IC rated. 500 & 750 lumens IC rated. 41PS is not for use over 3000 lumens in Non-IC or over 750 lumens in IC.

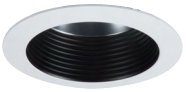
Reflectors

Precision formed 4-inch reflectors designed to deliver narrow, medium and wide beam distributions. A non-conductive polymer reflector may be used to meet 'dead-front' requirements.


Specular Clear


Semi-Specular (Haze)


White Baffle


Black Baffle


Black Baffle with Black Flange


White


Wall Wash


White Polymer (Dead Front)

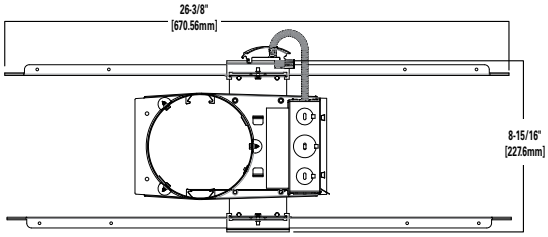
Beam distribution options*



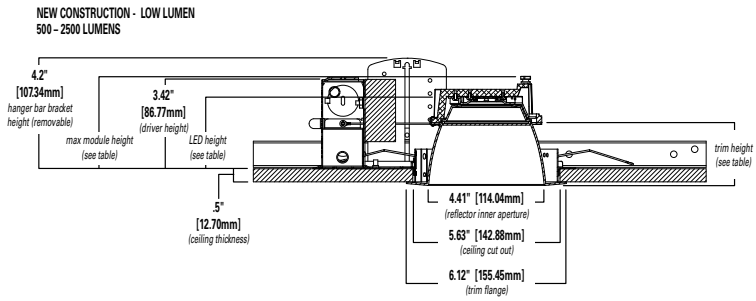
Beam Distribution*			
Code	**Distribution**	**Spacing Criteria**	**Beam Angle**
ND	Narrow	0.84	53°
MD	Medium	1.0	61°
WD	Wide	1.2	76°

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

Dimensional and Mounting Details - HC4



NEW CONSTRUCTIONS - LOW LUMEN 500 – 2500 LUMENS

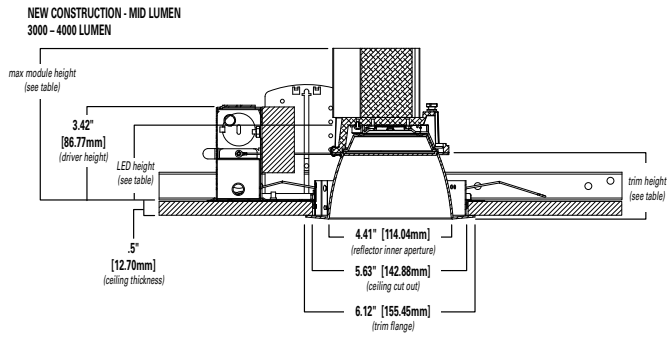


Low Lumen (500 – 2500 Lumens)*

Distribution	Max. Module Height	Trim Height	LED Height
Narrow	3.6"	2.5"	2.7"
Medium	3.7"	2.6"	2.8"
Wide	3.5"	2.4"	2.6"
Baffle	3.1"	2.4"	2.6"

*Max. height w/hanger bar bracket 4.2"

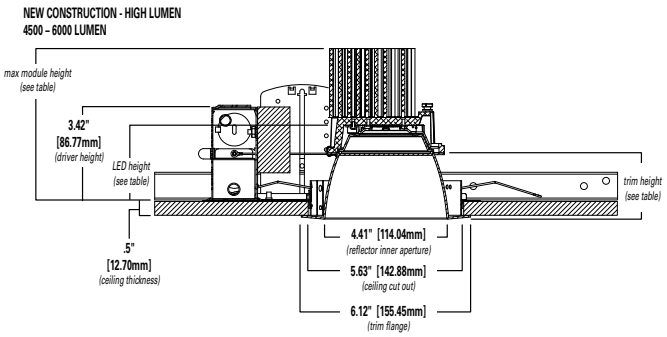
NEW CONSTRUCTIONS - MID LUMEN 3000 – 4000 LUMENS



Mid Lumen (3000 – 4000 Lumens)

Distribution	Max. Module Height	Trim Height	LED Height
Narrow	5.6"	2.5"	2.9"
Medium	5.7"	2.6"	3.0"
Wide	5.5"	2.4"	2.8"
Baffle	5.5"	2.4"	2.8"

NEW CONSTRUCTIONS - HIGH LUMEN 4500 – 6000 LUMENS



High Lumen (4500 – 6000 Lumens)

Distribution	Max. Module Height	Trim Height	LED Height
Narrow	5.9"	2.5"	2.9"
Medium	6.0"	2.6"	3.0"
Wide	5.8"	2.4"	2.8"
Baffle	5.8"	2.4"	2.8"

Order Information - HC4R

Sample Number: HC4R20D010REM7 - HM43040930 - 42RMDC

A complete luminaire consists of a frame/collar, LED module, and reflector (ordered separately)

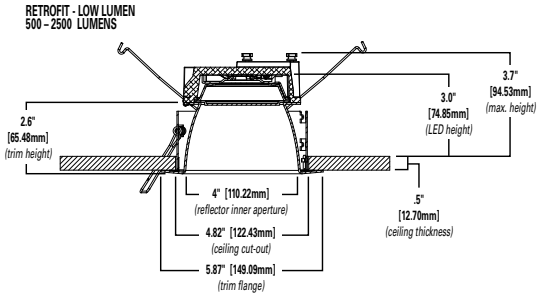
Frame / Collar [1]	Lumens	Driver Options	Factory Installed Emergency & Connected Lighting Options	Accessories (Order & Install Separately)
HC4R = 4" retrofit kit for 4.75" (4-3/4") to 4.875" (4-7/8") nominal ceiling cutout aperture	**05** = 500 lm **07** = 750 lm **10** = 1000 lm **15** = 1500 lm **20** = 2000 lm **25** = 2500 lm **30** = 3000 lm **35** = 3500 lm **40** = 4000 lm **45** = 4500 lm [6] **50** = 5000 lm [6] **55** = 5500 lm [6] **60** = 6000 lm [6]	**D010**=UNV 120-277V, 50/60Hz, 0-10V 1%-100% dimming at 120-277V on 0-10V controls **Canada Option 500-5000 lumens:** **D010347** = 347VAC 50/60Hz 0-10V 1%-100% dimming. For 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000lm models only [1] **Canada Option 5500-6000 lumens:** **D010X347** = step down transformer factory installed (with standard "D010" 120V-277V LED driver). For 5500, 6000lm models only	**REM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [5] **REM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [5] **BOD7ST** = 7.5 watt Bodine self-test emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [5] **WTA** = Factory WaveLinx Tilemount Sensor Kit [3] **WTK** = Factory WaveLinx Lite Commercial Tilemount Sensor Kit [4]	**H347** = 347 to 120V step down transformer, 75VA **H347200** = 347 to 120V step down transformer, 200VA **WTA** = Field WaveLinx Tilemount Sensor Kit [3] **WTK** = Field WaveLinx Lite Commercial Tilemount Sensor Kit [4]

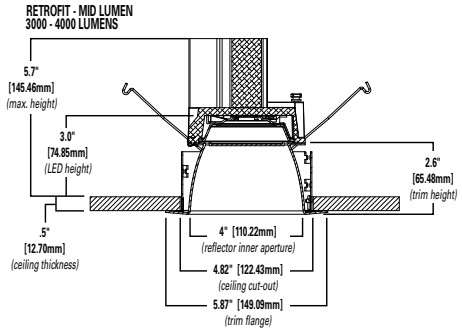
LED Module	Lumens	CRI/CCT	
HM4 = 4" LED module	**0525** = 500 - 2500 lumen **3040** = 3000-4000 lumen **4560** = 4500-6000 lumen	**827** = 80CRI, 2700K **830** = 80CRI, 3000K **835** = 80CRI, 3500K **840** = 80CRI, 4000K **850** = 80CRI, 5000K	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI, 5000K

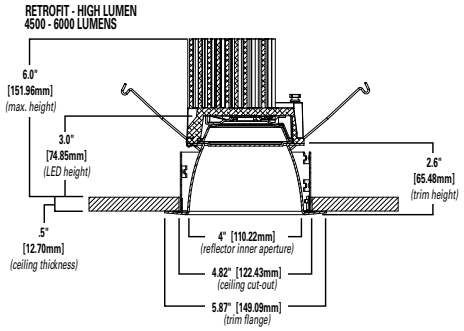
Reflector	Distribution[7]	Finish	Flange
42R = 4" retrofit conical reflector for use with HC4R frame/collar only	**MD =** medium distribution 65° beam angle,1.15 SC (nominal)	**C** = Specular clear **H** = Semi-specular clear **W** = White (white flange)	**Blank** = Polished flange standard with C & H reflectors **Blank** = White flange standard with W reflector **WF** = White flange option available with C & H reflectors

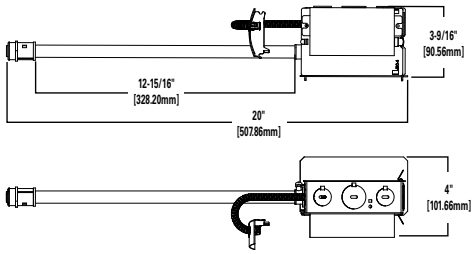
Notes: (1) Not available with CP models. (2) Not available with D010347 (347V models). (3) WTA = WaveLinx tile mount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinx specifications). (4) WTK = WaveLinx Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx Lite specifications). (5) Emergency battery backup options are Non-IC only, and rated for a minimum starting temperature of 0°C. (6) Marked Spacing: Center to Center of Adjacent Luminaires = 36" / Center of Luminaire to Building Member = 18" / Minimum overhead = 0.5 (7) Values are nominal for white reflector, others may vary.

Dimensions - HC4R









HC6 Series

6-inch LED Downlight and Wall Wash

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



HC6
new construction



HC6R
retrofit

HC56R
retrofit



HM6 Low Lumen LED Module
Lumens
500 | 750 | 1000 | 1500 | 2000 | 2500



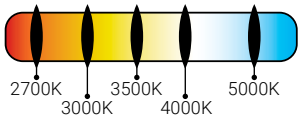
HM6 Mid Lumen LED Module
Lumens
3000 | 3500 | 4000



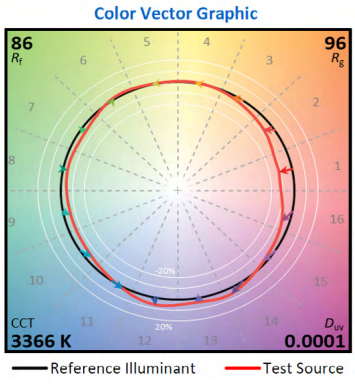
HM6 High Lumen LED Module
Lumens
4500 | 5000 | 5500 | 6000

Color temperature

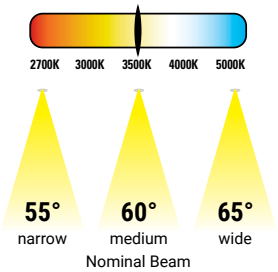
The HC6 LED modules are available in a discrete selection of correlated color temperatures (CCT). The user can choose color temperatures 2700K, 3000K, 3500K, 4000K and 5000K in 80 or 90 CRI.



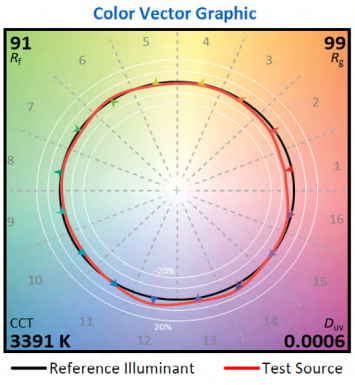
80 CRI Color Metric Summary - 3500K*



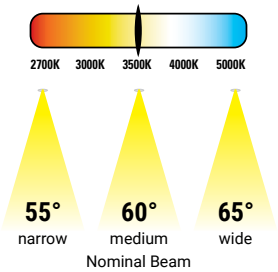
TM-30-15	R_f = 86
	R_g = 95.5
CRI/CIE	R_a = 83.8
	R_9 = 10.3



90 CRI Color Metric Summary - 3500K*



TM-30-15	R_f = 91.1
	R_g = 99
CRI/CIE	R_a = 92.4
	R_9 = 55.1



Order Information - HC6

Sample Number: HC620D010REM7 – HM60525835 - 61MDC
A complete luminaire consists of a housing frame, LED module, and reflector (ordered separately)

Mounting Frame	Lumens	Driver Options	Factory Installed Emergency & Connected Lighting Options	Accessories (Order & Install Separately)
HC6 = 6" new construction downlight housing **HC6CP** = 6" new construction housing, Chicago Plenum - CCEA compliant	**05** = 500 lm **07** = 750 lm **10** = 1000 lm **15** = 1500 lm **20** = 2000 lm **25** = 2500 lm **30** = 3000 lm **35** = 3500 lm **40** = 4000 lm **45** = 4500 lm [7] **50** = 5000 lm [7] **55** = 5500 lm [7] **60** = 6000 lm [7]	**D010**=UNV 120-277V, 50/60Hz, 0-10V 1%-100% dimming at 120-277V on 0-10V controls **Canada Option 500-5000 lumens:** **D010347** = 347VAC 50/60Hz 0-10V 1%-100% dimming. For 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000lm models only [1] **Canada Option 5500-6000 lumens:** **D010X347** = step down transformer factory installed (with standard "D010" 120V-277V LED driver). For 5500, 6000lm models only [1]	**REM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **REM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **IEM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **IEM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **BOD7ST** = 7.5 watt Bodine self-test emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [6] **WTA** = Factory WaveLinx Tilemount Sensor Kit [4] **WTK** = Factory WaveLinx Lite Commercial Tilemount Sensor Kit [5]	**HB128APK** = L channel hanger bar, 26", pair (replacement) **RMB22** = Adjustable wood joist mounting bars, pair, extend to 22" long **HSA6** = Slope Adapter for 6" Aperture Housings, Specify Slope (refer to instructions for installing housing and trim) **H347** = 347 to 120V step down transformer, 75VA **H347200** = 347 to 120V step down transformer, 200VA **WTA** = Field WaveLinx Tilemount Sensor Kit [4] **WTK** = Field WaveLinx Lite Commercial Tilemount Sensor Kit [5]
		DLV = Distributed Low Voltage driver 1%-100% dimming. DLV for use with DLVP system only. Refer to DLVP low-voltage power module and DLVP specifications for details. [1]	**REMV7** = 7 watt emergency battery pack with remote test / indicator light, use with DLV only [1] [2] [3] [6] **REMV14** = 14 watt emergency battery pack with remote test / indicator light, use with DLV only [1] [2] [3] [6] **IEMV7** = 7 watt emergency battery pack with remote test / indicator light, use with DLV only [1] [2] [3] [6] **IEMV14** = 14 watt emergency battery pack with remote test / indicator light, use with DLV only [1] [2] [3] [6]	

LED Module	Lumens	CRI/CCT	
HM6 = 6" LED Modules For use with HC6 - HC6CP New Construction housings only	**0525** = 500 - 2500 lumen **3040** = 3000-4000 lumen **4560** = 4500-6000 lumen	**827** = 80CRI, 2700K **830** = 80CRI, 3000K **835** = 80CRI, 3500K **840** = 80CRI, 4000K **850** = 80CRI, 5000K	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI, 5000K

Reflector	Distribution[8]	Finish	Flange	Accessories
61 = 6" conical reflector	**ND** = narrow 55° beam angle 0.97 SC **MD** = medium 60° beam angle 1.10 SC **WD** = wide 65° beam angle 1.28 SC **RWW** = rotatable wall wash with linear spread lens	**C** = Specular clear **H** = Semi-specular clear **W** = White	**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** = Replacement part kit - wall wash lens insert - for use with 61RWW* only.

Baffle	Distribution[8]	Finish	Flange	Accessories
61 = 6" baffle reflector	**WD** = wide 65° beam angle 1.28 SC (nominal) **RWW** = rotatable wall wash with linear spread lens	**BB** = Black baffle **WB** = White baffle	**Blank** = White flange standard with BB, & WB **BF** = Black flange option available with BB	**61RWWPK** = Replacement part kit - wall wash lens insert - for use with 61RWW* only.

IEM Reflector	Distribution[8]	Finish	Flange	Integral Emergency
61 = 6" IEM reflector for integral emergency only	**ND** = narrow 55° beam angle 0.97 SC **MD** = medium 60° beam angle 1.10 SC **WD** = wide 65° beam angle 1.28 SC	**C** = Specular clear **H** = Semi-specular clear **W** = White	**Blank** = Polished flange standard with C & H reflectors **Blank** = White flange standard with W reflector **WF** = White flange option available with C & H reflectors	**IEM** = Reflector for use with integral emergency housings only. Provides access hole for integral emergency test switch.

IEM Baffle	Distribution[8]	Finish	Flange	Integral Emergency
61 = 6" IEM baffle reflector for integral emergency only	**WD** = wide 65° beam angle 1.28 SC (nominal)	**BB** = Black baffle **WB** = White baffle	**Blank** = White flange standard with BB, & WB **BF** = Black flange option with BB	**IEM** = Reflector for use with integral emergency housings only. Provides access hole for integral emergency test switch.

Reflector	Distribution[8]	Finish	Flange
61PS = 6" non-conductive polymer 'dead front' conical reflector Use with HM6PS0525* LED modules only [9]	**MD** = medium 60° beam angle 1.10 SC (nominal)	**W** = White	**Blank** = White flange standard with W reflector

Notes: (1) Not available with CP models. (2) Not available with D010347 (347V models). (3) ULus for U.S. only. (4) WTA = WaveLinx tile mount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinx specifications). (5) WTK = WaveLinx Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx Lite specifications). (6) Emergency battery backup options are Non-IC only, and rated for a minimum starting temperature of 0°C. (7) Marked Spacing: Center to Center of Adjacent Luminaires = 36" / Center of Luminaire to Building Member = 18" / Minimum overhead = 0.5. (8) Values are nominal, with specular clear reflector, other finishes and field results may vary. (9) 61PS is 1000-2000 lumens Non-IC rated. 500 & 750 lumens IC rated. 61PS is not for use over 2000lm in Non-IC or over 750lm in IC.

Reflectors

Precision formed 6-inch reflectors designed to deliver narrow, medium and wide beam distributions. A non-conductive polymer reflector may be used to meet 'dead-front' requirements.



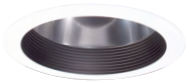
Specular Clear



Semi-Specular (Haze)



White Baffle



Black Baffle



Black Baffle with Black Flange



White



Wall Wash



White Polymer (Dead Front)

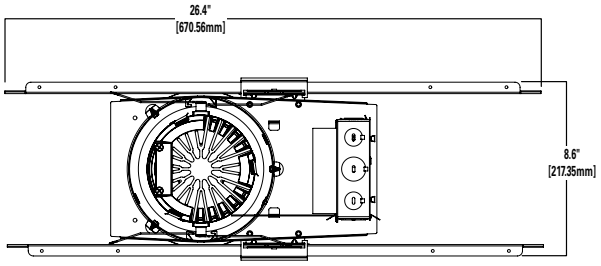
** Nominal values may vary depending on selected CRI/CCT and reflector finish.*

Nominal beam distribution options*

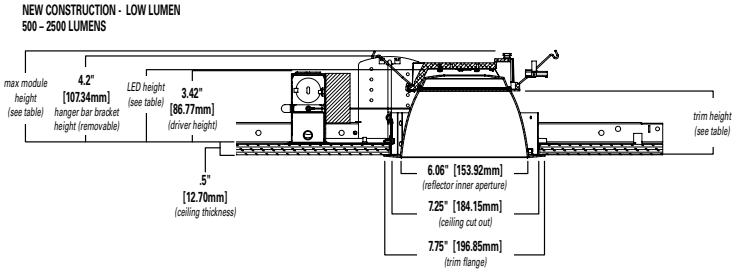


Beam Distribution*			
Code	Distribution	Spacing Criteria	Beam Angle
ND	Narrow	0.97	55°
MD	Medium	1.10	60°
WD	Wide	1.28	65°

Dimensional and Mounting Details



NEW CONSTRUCTIONS - LOW LUMEN 500 – 2500 LUMENS

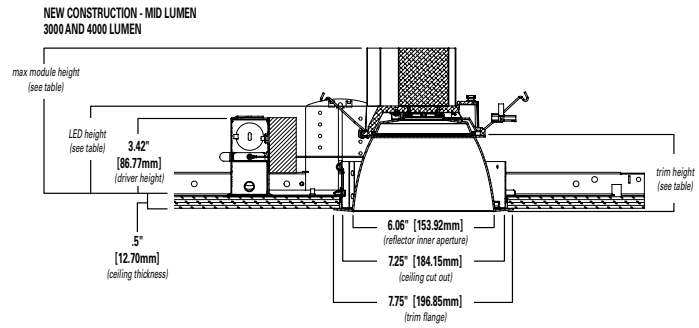


Low Lumen (500 – 2500 Lumens)*

Distribution	Max. Module Height	Trim Height	LED Height
Narrow	4.5"	3.4"	3.8"
Medium	4.6"	3.5"	3.9"
Wide	4.4"	3.3"	3.7"
Baffle	4.4"	3.3"	3.7"

*Max. height w/removable hanger bar bracket 4.2"

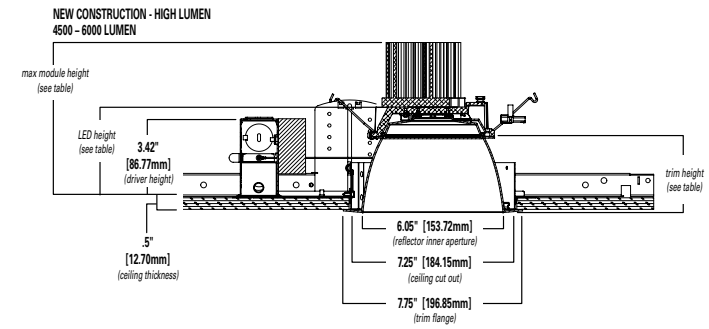
NEW CONSTRUCTIONS - MID LUMEN 3000 – 4000 LUMENS



Mid Lumen (3000 – 4000 Lumens)

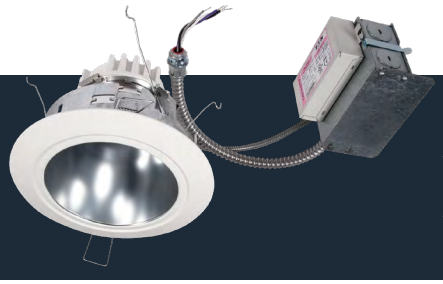
Distribution	Max. Module Height	Trim Height	LED Height
Narrow	6.6"	3.4"	3.8"
Medium	6.7"	3.5"	3.9"
Wide	6.5"	3.3"	3.7"
Baffle	6.5"	3.3"	3.7"

NEW CONSTRUCTIONS - HIGH LUMEN 4500 – 6000 LUMENS



High Lumen (4500 – 6000 Lumens)

Distribution	Max. Module Height	Trim Height	LED Height
Narrow	6.9"	3.4"	3.8"
Medium	7.0"	3.5"	3.9"
Wide	6.8"	3.3"	3.7"
Baffle	6.8"	3.3"	3.7"



6” HC6R LED Retrofit Downlight

6-inch aperture LED retrofit downlight is designed for installation into **6.625” (6-5/8”) to 7.0” (7”)** nominal aperture commercial housings. The retrofit reflector offered in medium distribution is ideal for general area lighting. Oversize flange for greater aperture coverage when retrofitting. Lumen packages range 500 to 6000 lumens (nominal) in color temperatures of 2700K, 3000K, 3500K, 4000K and 5000K; in 80 or 90CRI. Installs from below the ceiling into existing open frame recessed housings. Applications include office spaces, healthcare, hospitality, and other institutional uses.

Order Information

Sample Number : HC6R20D010 – HM6R0525835 – 62RMDC

A complete luminaire consists of a frame/collar, LED module, and reflector (ordered separately)

Frame / Collar [1]	Lumens	Driver Options	Factory Installed Emergency & Connected Lighting Options	Accessories (Order & Install Separately)
HC6R = 6” retrofit kit for 6.625” (6-5/8”) to 7.0” (7-0”) nominal ceiling cutout aperture	**05** = 500 lm **07** = 750 lm **10** = 1000 lm **15** = 1500 lm **20** = 2000 lm **25** = 2500 lm **30** = 3000 lm **35** = 3500 lm **40** = 4000 lm **45** = 4500 lm [6] **50** = 5000 lm [6] **55** = 5500 lm [6] **60** = 6000 lm [6]	**D010**=UNV 120-277V, 50/60Hz, 0-10V 1%-100% dimming at 120-277V on 0-10V controls **Canada Option 500-5000 lumens:** **D010347** = 347VAC 50/60Hz 0-10V 1%-100% dimming. For 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000lm models only [1] **Canada Option 5500-6000 lumens:** **D010X347** = step down transformer factory installed (with standard “D010” 120V-277V LED driver). For 5500, 6000lm models only	**REM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [5] **REM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [5] **BOD7ST** = 7.5 watt Bodine self-test emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [5] **WTA** = Factory WaveLinx Tilemount Sensor Kit [3] **WTK** = Factory WaveLinx Lite Commercial Tilemount Sensor Kit [4]	**H347** = 347 to 120V step down transformer, 75VA **H347200** = 347 to 120V step down transformer, 200VA sensor kit, for use with D010 driver only **WTA**= Field installed WaveLinx sensor Kit [3] **WTK** = Field installed WaveLinx Lite Sensor Kit [4] **HL6RSMF** = 6” aperture new construction mounting frame with integral wood & T-grid bar hangers, adjust for 8” to 24” wide [9]

LED Module	Lumens	CRI/CCT	
HM6R = 6” LED Modules For use with HC6R - HC56R Retrofit Kit housings only	**0525** = 500 - 2500 lumen **3040** = 3000-4000 lumen **4560** = 4500-6000 lumen	**827** = 80CRI, 2700K **830** = 80CRI, 3000K **835** = 80CRI, 3500K **840** = 80CRI, 4000K **850** = 80CRI, 5000K	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI, 5000K

Reflector	Distribution	Finish	Flange [8]
62R = 6” retrofit conical reflector for use HC6R and HC56R series retrofit kits only [7]	**MD** = medium distribution 55° beam angle,1.04 SC	**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

Notes: (1) Not available with CP models. (2) Not available with D010347 (347V models). (3) WTA = WaveLinx tile mount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinx specifications). (4) WTK = WaveLinx Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx Lite specifications). (5) Emergency battery backup options are Non-IC only, and rated for a minimum starting temperature of 0°C. (6) Marked Spacing: Center to Center of Adjacent Luminaires = 36” / Center of Luminaire to Building Member = 18” / Minimum overhead = 0.5. (7) 62R trims feature an oversized trim ring to meet a range of nominal ceiling openings when retrofitting. See line art for dimensions. (8) Oversize flange accommodates range of retrofit apertures. (9) HL6RSMF for use with HC56R retrofit kit ONLY (aperture size not compatible with HC6R).

Retrofit Reflectors



Specular Clear



Semi-Specular (Haze)



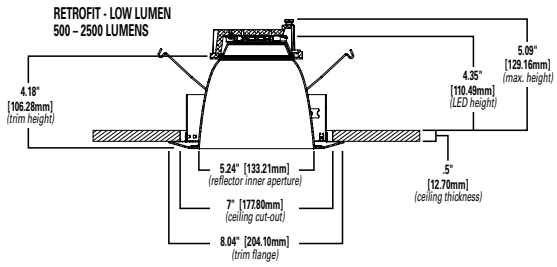
Matte White

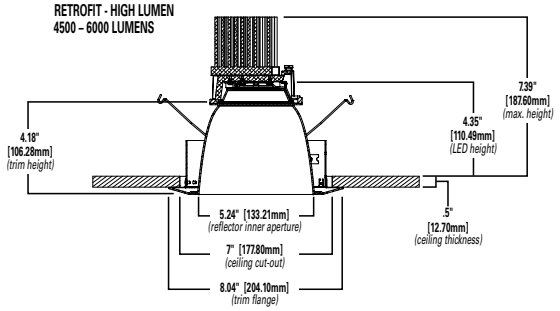


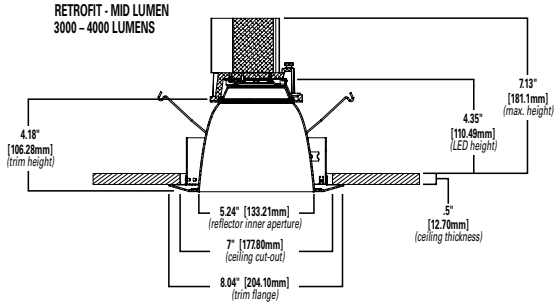
Specular Clear with White Flange

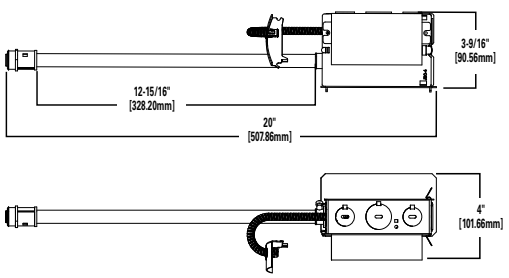


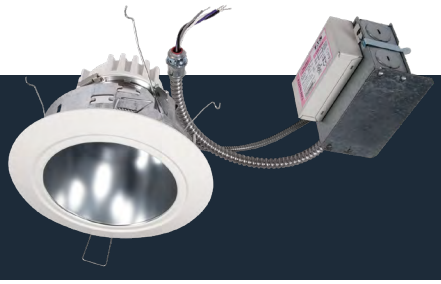
Semi-Specular (Haze) with White Flange











6” HC56R LED Retrofit Downlight

6-inch aperture LED retrofit downlight is designed for installation into other **5.875” (5-7/8”) to 6.625” (6-5/8”)** nominal aperture commercial housings. The retrofit reflector offered in medium distribution is ideal for general area lighting. Oversize flange for greater aperture coverage when retrofitting. Lumen packages range 500 to 6000 lumens (nominal) in color temperatures of 2700K, 3000K, 3500K, 4000K and 5000K; in 80 or 90CRI. Installs from below the ceiling into existing open frame recessed housings. Applications include office spaces, healthcare, hospitality, and other institutional uses.

Order Information

Sample Number: HC56R20D010 – HM6R0525835 – 62RMDC
A complete luminaire consists of a frame/collar, LED module, and reflector (ordered separately)

Frame / Collar [1]	Lumens	Driver Options	Factory Installed Emergency & Connected Lighting Options	Accessories (Order & Install Separately)
HC56R = 6” retrofit kit for 5.875” (5-7/8”) to 6.625” (6-5/8”) nominal ceiling cutout aperture	**05** = 500 lm **07** = 750 lm **10** = 1000 lm **15** = 1500 lm **20** = 2000 lm **25** = 2500 lm **30** = 3000 lm **35** = 3500 lm **40** = 4000 lm **45** = 4500 lm [6] **50** = 5000 lm [6] **55** = 5500 lm [6] **60** = 6000 lm [6]	**D010**=UNV 120-277V, 50/60Hz, 0-10V 1%-100% dimming at 120-277V on 0-10V controls **Canada Option 500-5000 lumens:** **D010347** = 347VAC 50/60Hz 0-10V 1%-100% dimming. For 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000lm models only [1] **Canada Option 5500-6000 lumens:** **D010X347** = step down transformer factory installed (with standard “D010” 120V-277V LED driver). For 5500, 6000lm models only	**REM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [5] **REM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [5] **BOD7ST** = 7.5 watt Bodine self-test emergency battery pack with remote test / indicator light, use with D010 only [1] [2] [5] **WTA** = Factory WaveLinx Tilemount Sensor Kit [3] **WTK** = Factory WaveLinx Lite Commercial Tilemount Sensor Kit [4]	**H347** = 347 to 120V step down transformer, 75VA **H347200** = 347 to 120V step down transformer, 200VA sensor kit, for use with D010 driver only **WTA**= Field installed WaveLinx sensor Kit [3] **WTK** = Field installed WaveLinx Lite Sensor Kit [4] **HL6RSMF** = 6” aperture new construction mounting frame with integral wood & T-grid bar hangers, adjust for 8” to 24” wide [5]

LED Module	Lumens	CRI/CCT	
HM6R = 6” LED Modules For use with HC6R - HC56R Retrofit Kit housings only	**0525** = 500 - 2500 lumen **3040** = 3000-4000 lumen **4560** = 4500-6000 lumen	**827** = 80CRI, 2700K **830** = 80CRI, 3000K **835** = 80CRI, 3500K **840** = 80CRI, 4000K **850** = 80CRI, 5000K	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI, 5000K

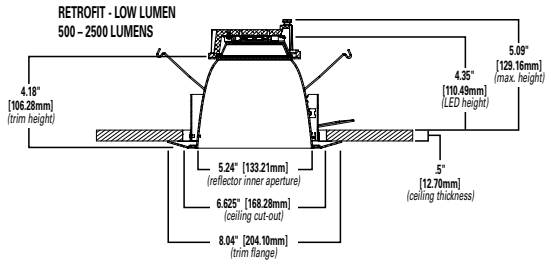
Reflector	Distribution	Finish	Flange [8]
62R = 6” retrofit conical reflector for use HC6R and HC56R series retrofit kits only [7]	**MD** = medium distribution 55° beam angle,1.04 SC	**C** = Specular clear **H** = Semi-specular clear **W** = White (white flange)	**Blank** = Polished flange standard with C & H reflectors **Blank** = White flange standard with W reflector **WF** = White flange option available with C & H reflectors

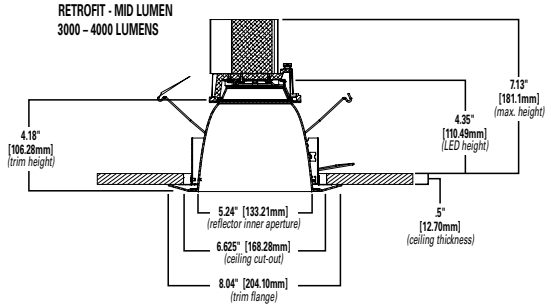
Notes: (1) Not available with CP models. (2) Not available with D010347 (347V models). (3) WTA = WaveLinx tile mount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinx specifications). (4) WTK = WaveLinx Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx Lite specifications). (5) Emergency battery backup options are Non-IC only, and rated for a minimum starting temperature of 0°C. (6) Marked Spacing: Center to Center of Adjacent Luminaires = 36” / Center of Luminaire to Building Member = 18” / Minimum overhead = 0.5. (7) 62R trims feature an oversized trim ring to meet a range of nominal ceiling openings when retrofitting. See line art for dimensions. (8) Oversize flange accommodates range of retrofit apertures. (9) HL6RSMF for use with HC56R retrofit kit ONLY (aperture size not compatible with HC6R).

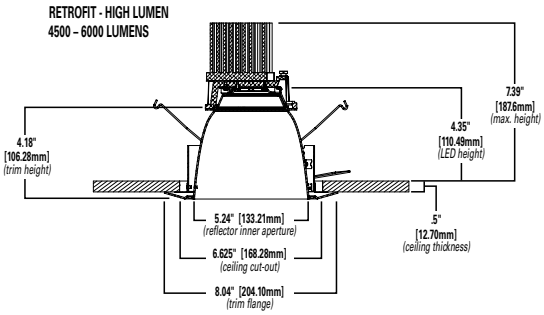
Retrofit Reflectors

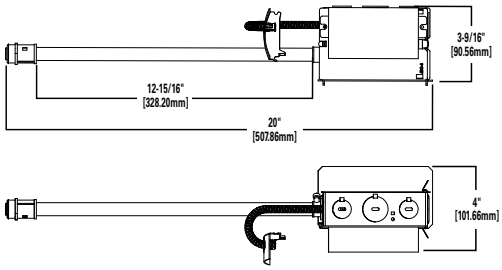


Specular Clear | Semi-Specular (Haze) | Matte White | Specular Clear with White Flange | Semi-Specular (Haze) with White Flange











Efficiency + Value

Halo Commercial achieves the perfect balance of optical control and efficiency to deliver lower watts per square foot in meeting commercial lighting energy codes and provide uniform beam distributions. Design/build, tenant improvement, hospitality and institutional projects will appreciate the Halo Commercial balance of performance and budget-minded design.

Contractor and Distributor Friendly

- 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”.

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).
- Control from industry standard 120V-277V, 0-10V 1% dimmable LED driver.
- Optional connected lighting control with Distributed Low Voltage Power system (DLVP), WaveLinx and WaveLinx Lite.

Product Mix

- Mainstream offering meets market demand in 4-inch, 6-inch, and 8-inch downlights.
- PR series offers contractors and distributors versatility of selectable lumen and selectable color for remodeling, design/build and fast-track projects.
- HC series offers discrete selection of lumen and LED color for specified, renovation, and value-engineered projects.

HC8 Series

8-inch LED Downlight and Wall Wash

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



HC8
new construction



HC8R
retrofit

HC812R
retrofit



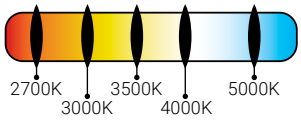
HM8 Low Lumen LED Module
500 to 2000 lumens

HM8 Mid Lumen LED Module
2500 to 5500 lumens

HM8 High Lumen LED Module
6000 and 8000 lumens

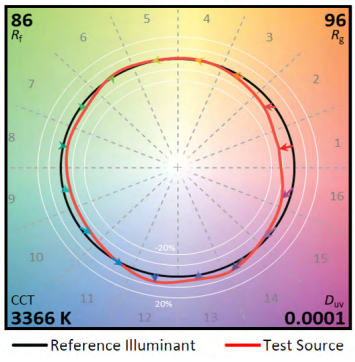
Color temperature

The HC8 LED modules are available in a discrete selection of correlated color temperatures (CCT). The user can choose color temperatures 2700K, 3000K, 3500K, 4000K and 5000K in 80 or 90 CRI.

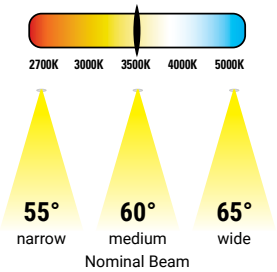


80 CRI Color Metric Summary - 3500K*

Color Vector Graphic

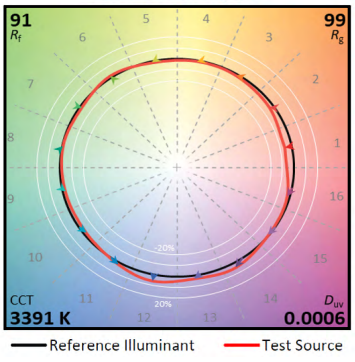


TM-30-15	R_f = 86
	R_g = 95.5
CRI/CIE	R_a = 83.8
	R_9 = 10.3

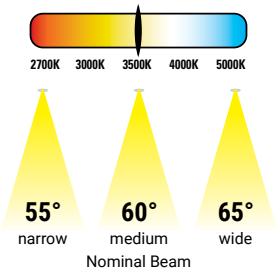


90 CRI Color Metric Summary - 3500K*

Color Vector Graphic



TM-30-15	R_f = 91.1
	R_g = 99
CRI/CIE	R_a = 92.4
	R_9 = 55.1



Order Information - HC8

SAMPLE ORDER NUMBER: HC820D010REM7 – HM80520835 - 81MDC
A complete luminaire consists of a mounting frame, LED module, and reflector; ordered separately

Mounting Frame	Lumens	Driver Options	Factory Installed Emergency & Connected Lighting Options	Accessories (Order & Install Separately)
HC8 = 8" new construction downlight housing **HC8CP** = 8" new construction housing, Chicago Plenum - CCEA compliant	**05** = 500 lm **07** = 750 lm **10** = 1000 lm **15** = 1500 lm **20** = 2000 lm **25** = 2500 lm **30** = 3000 lm **35** = 3500 lm **40** = 4000 lm **45** = 4500 lm **50** = 5000 lm **55** = 5500 lm **60** = 6000 lm (7) **80** = 8000 lm (7)	**D010**=UNV 120-277V, 50/60Hz, 0-10V 1%-100% dimming at 120-277V on 0-10V controls **Canada Option 500-5000 lumens:** **D010347** = 347VAC 50/60Hz 0-10V 1%-100% dimming. For 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000lm models only (1) **Canada Option 5500-8000 lumens:** **D010X347** = step down transformer factory installed (with standard "D010" 120V-277V LED driver). For 5500, 6000, 8000lm models only (1) (6)	**REM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only (1) (2) (8) **REM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only (1) (2) (8) **IEM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only (1) (2) (8) **IEM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only (1) (2) (8) **BOD7ST** = 7.5 watt Bodine self-test emergency battery pack with remote test / indicator light, use with D010 only (1) (2) (8) **WTA** = Factory WaveLinx Tilemount Sensor Kit (4) **WTK** = Factory WaveLinx Lite Commercial Tilemount Sensor Kit (5)	**HB128APK** = L channel hanger bar, 26", pair (replacement) **RMB22** = Adjustable wood joist mounting bars, pair, extend to 22" long **H347** = 347 to 120V step down transformer, 75VA **H347200** = 347 to 120V step down transformer, 200VA **WTA** = Field WaveLinx Tilemount Sensor Kit (4) **WTK** = Field WaveLinx Lite Commercial Tilemount Sensor Kit (5)
		DLV = Distributed Low Voltage driver 1%-100% dimming. DLV for use with DLVP system only. Refer to DLVP low-voltage power module and DLVP specifications for details. (1) (6)	**REMV7** = 7 watt emergency battery pack with remote test / indicator light, use with DLV only (1) (2) (3) (8) **REMV14** = 14 watt emergency battery pack with remote test / indicator light, use with DLV only (1) (2) (3) (8) **IEMV7** = 7 watt emergency battery pack with remote test / indicator light, use with DLV only (1) (2) (3) (8) **IEMV14** = 14 watt emergency battery pack with remote test / indicator light, use with DLV only (1) (2) (3) (8)	

Module	Lumens	CRI / CCT	
HM8 = 8" LED Modules	**0520** = 500 - 2000 lumen **2555** = 2500-5500 lumen **6080** = 6000-8000 lumen	**827** = 80CRI, 2700K **830** = 80CRI, 3000K **835** = 80CRI, 3500K **840** = 80CRI, 4000K **850** = 80CRI, 5000K	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI. 5000K

Reflector	Distribution (10)	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	**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** = Replacement part kit - wall wash lens insert - for use with 81RWW* 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)	**BB** = Black baffle **WB** = White baffle	**Blank** = White flange standard with BB & WB **BF** = Black flange option available with BB	
81PS = 8" non-conductive polymer conical reflector (9)	**MD** = medium reflector 37° beam angle, 0.60 SC	**W** = White	**Blank** = White flange standard with W reflector	
Integral Emergency				
81IEM = 8" conical reflector for integral emergency only	**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	**C** = Specular clear **H** = Semi-specular clear **W** = White	**Blank** = Polished flange standard with C & H reflectors **Blank** = White flange standard with W reflector **WF** = White flange option available with C & H reflectors	**IEM** = Reflector for IEM only
81IEM = 8" baffle reflector for integral emergency only	**WD** = wide baffle 71° beam angle, 1.08 SC	**BB** = Black baffle **WB** = White baffle	**Blank** = White flange standard with BB & WB **BF** = Black flange option with BB	**IEM** = Reflector for IEM only

Notes: (1) Not available with CP models. (2) Not available with D010347 (347V driver). (3) ULus for U.S. only. (4) WTA = WaveLinx tile mount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinx specifications). (5) WTK = WaveLinx Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx Lite specifications). (6) New Construction ONLY - Not available with retrofit kit models. (7) Marked Spacing: Center to Center of Adjacent Luminaires = 36" / Center of Luminaire to Building Member = 18" / Minimum overhead = 0.5" (8) Emergency battery backup options are Non-IC only, and rated for a minimum starting temperature of 0°C. (9) 81PS reflector is for Non-IC environment only, and up to 4000 lumens only. (10) Values are nominal, based on specular clear reflector, other may vary.

Reflectors

Precision formed 8-inch reflectors designed to deliver narrow, medium and wide beam distributions. A non-conductive polymer reflector may be used to meet 'dead-front' requirements.


Specular Clear


Semi-Specular (Haze)


White Baffle


Black Baffle


Black Baffle with Black Flange


White


Wall Wash


White Polymer (Dead Front)

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

Nominal beam distribution options*

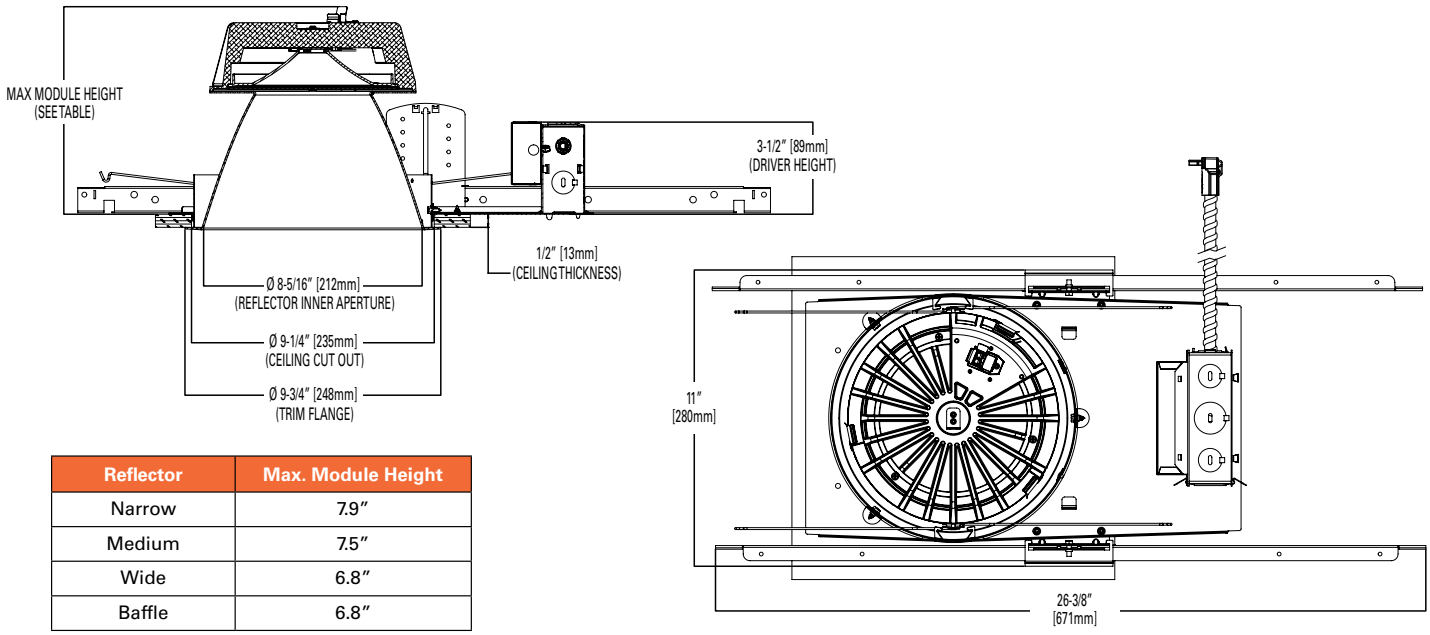

narrow 13°


medium 37°


wide 71°

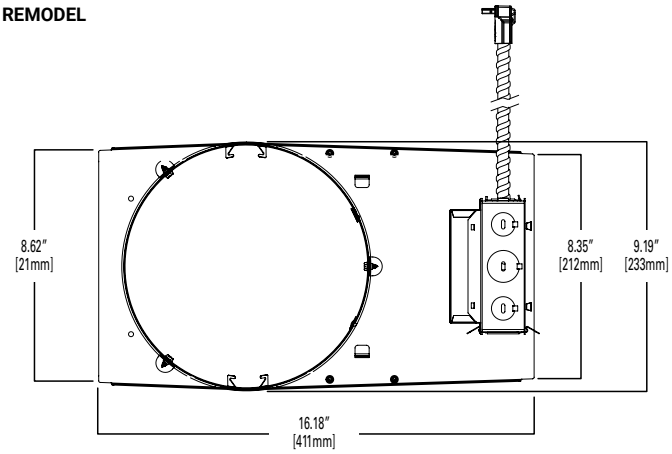
Beam Distribution*			
Code	Distribution	Spacing Criteria	Beam Angle
ND	Narrow	0.24	13°
MD	Medium	0.59	37°
WD	Wide	1.08	71°

NEW CONSTRUCTION



Reflector	Max. Module Height
Narrow	7.9"
Medium	7.5"
Wide	6.8"
Baffle	6.8"

REMODEL





Order Information - HC8R

SAMPLE ORDER NUMBER: HC8R20D010 – HM80520835 - 81MDC
A complete luminaire consists of a retrofit kit, LED module, and reflector; ordered separately

Retrofit Kit [1]	Lumens	Driver Options	Factory Installed Emergency & Connected Lighting Options	Accessories (Order & Install Separately)
HC8R = 8.7" retrofit kit for 8.73" to 10.3" nominal ceiling cutout aperture with preinstalled 11.3" O.D. oversized matte white trim ring **HC812R** = 12" retrofit kit for 12" nominal ceiling cutout aperture with preinstalled 15.375" O.D. oversized matte white trim ring	**05** = 500 lm **07** = 750 lm **10** = 1000 lm **15** = 1500 lm **20** = 2000 lm **25** = 2500 lm **30** = 3000 lm **35** = 3500 lm **40** = 4000 lm **45** = 4500 lm [5] **50** = 5000 lm [5] **55** = 5500 lm [5] **60** = 6000 lm [5] **80** = 8000 lm [5]	**D010**=UNV 120-277V, 50/60Hz, 0-10V 1%-100% dimming at 120-277V on 0-10V controls **Canada Option 500-5000 lumens:** **D010347** = 347VAC 50/60Hz 0-10V 1%-100% dimming. For 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000lm models only [1] **Canada Option 5500-8000 lumens:** **D010X347** = step down transformer factory installed (with standard "D010" 120V-277V LED driver). For 5500, 6000, 8000lm models only	**REM7** = 7 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] **REM14** = 14 watt emergency battery pack with remote test / indicator light, use with D010 only [1] [2] **BOD7ST** = 7.5 watt Bodine self-test emergency battery pack with remote test / indicator light, use with D010 only [1] [2] **WTA** = Factory WaveLinx Tilemount Sensor Kit [3] **WTK** = Factory WaveLinx Lite Commercial Tilemount Sensor Kit [4]	**H347** = 347 to 120V step down transformer, 75VA **H347200** = 347 to 120V step down transformer, 200VA **WTA** = Field WaveLinx Tilemount Sensor Kit [3] **WTK** = Field WaveLinx Lite Commercial Tilemount Sensor Kit [4]

Module	Lumens	CRI / CCT	
HM8 = 8" LED Modules	**0520** = 500 - 2000 lumen **2555** = 2500-5500 lumen **6080** = 6000-8000 lumen	**827** = 80CRI, 2700K **830** = 80CRI, 3000K **835** = 80CRI, 3500K **840** = 80CRI, 4000K **850** = 80CRI, 5000K	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI. 5000K

Reflector	Distribution [9]	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	**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** = Replacement part kit - wall wash lens insert - for use with 81RWW* 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)	**BB** = Black baffle **WB** = White baffle	**Blank** = White flange standard with BB & WB **BF** = Black flange option available with BB	
81PS = 8" non-conductive polymer conical reflector [8]	**MD** = medium reflector 37° beam angle, 0.60 SC	**W** = White	**Blank** = White flange standard with W reflector	

Notes: (1) Not available with CP models. (2) Not available with D010347 (347V driver). (3) WTA = WaveLinx tile mount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinx specifications). (4) WTK = WaveLinx Lite tile mount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinx Lite specifications). (5) Marked Spacing: Center to Center of Adjacent Luminaires = 36" / Center of Luminaire to Building Member = 18" / Minimum overhead = 0.5" (6) Emergency battery backup options are Non-IC only, and rated for a minimum starting temperature of 0°C. (7) Not available with DLV driver. (8) 81PS reflector is for Non-IC environment only, and up to 4000 lumens only. (9) Values are nominal, based on specular clear reflector, other may vary.

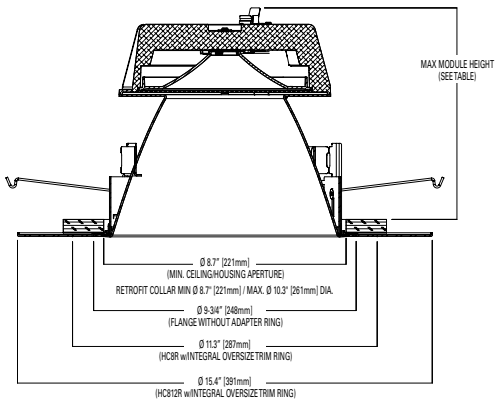
HC8R



HC812R

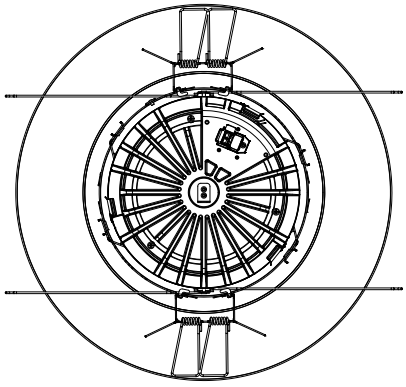


HC8R and HC812R



Reflector	Max. Module Height
Narrow	7.9"
Medium	7.5"
Wide	6.8"
Baffle	6.8"

HC812R



ENERGY DATA

Series	500 lumen		750 lumen		1000 lumen		1500 lumen		2000 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.051	0.026	0.067	0.036	0.083	0.039	0.119	0.053	0.171	0.077
Input Power (W)	6.1	6.5	7.9	8.3	10	10.4	14.5	14.5	20.9	20.6
In-rush (A)	1.9	8.4	2	8.4	2.2	8.5	2.7	8.5	2.1	9.7
Inrush duration (µs)	251	135	237	133	250	134	250	139	245	131
THD (%)	6.2	13.5	7.4	8.8	5.4	10.3	10	6.7	6.5	7.9
PF	≥ 0.99	≥ 0.9	≥ 0.98	≥ 0.92	≥ 0.99	≥ 0.95	≥ 0.99	≥ 0.97	≥ 0.99	≥ 0.96

Series	2500 lumen		3000 lumen		3500 lumen		4000 lumen		4500 lumen	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.2	0.088	0.24	0.107	0.292	0.152	0.351	0.159	0.384	0.172
Input Power (W)	23.9	23.8	28.6	28.5	34.6	35.1	42.1	42.1	45.9	45.6
In-rush (A)	2.1	9.9	2.5	11.6	3.4	13.9	3.1	14.7	3.1	14.8
Inrush duration (µs)	244	137	216	111	183	95	200	98	202	100
THD (%)	8.7	6.7	7.8	8.3	5.6	10	4.1	9.5	4.5	8.5
PF	≥ 0.99	≥ 0.96	≥ 0.99	≥ 0.96	≥ 0.99	≥ 0.93	≥ 0.99	≥ 0.94	≥ 0.99	≥ 0.95

Series	5000 lumen		5500 lumen		6000 lumen		8000 lumen[1]	
Input Voltage 120-277VAC	120V	277V	120V	277V	120V	277V	120V	277V
Input Current (A)	0.419	0.186	0.457	0.201	0.489	0.214	0.61	0.29
Input Power (W)	50.1	49.5	54.6	53.7	58.4	57.4	72.5	72.9
In-rush (A)	3.1	15	3.2	14.8	3.4	14.8	6.8	12.9
Inrush duration (µs)	202	117	196	131	192	121	119	109
THD (%)	5.5	7.6	7	7.2	8.1	7.2	10.1	18.6
PF	≥ 0.99	≥ 0.96	≥ 0.99	≥ 0.96	≥ 0.99	≥ 0.97	≥ 0.98	≥ 0.91

Minimum starting temperature -30°C (-22°F) [2] (Nominal input 120-277VAC & 100% of rated output power)
Sound Rating: Class A standards

Notes:
(1) HC8 / HC8R / HC812R only.
(2) Emergency Battery packs are rated for a minimum starting temperature of 0°C.



Connected Systems

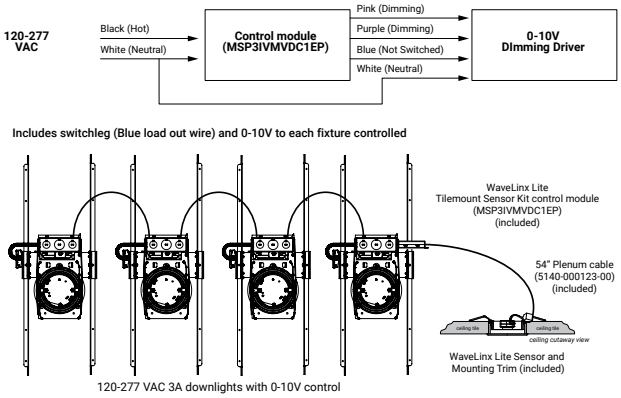


WaveLinx Lite - WTK Tilemount Sensor

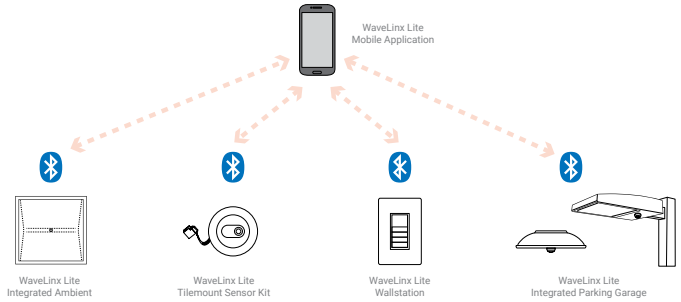
- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinx Lite Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic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

Device Security · Manual Dimmer · Occupancy Sensor · Daylighting Control · Manually Switched ON/OFF · Tuning Control · Lumen Maintenance Control · Scenes

WaveLinx Lite WTK Tilemount Wiring Diagram



WaveLinx Lite Bluetooth Enabled System



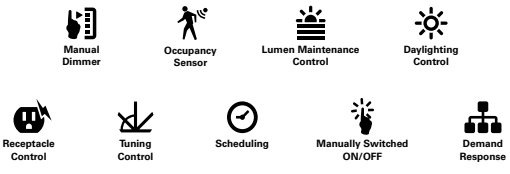


WaveLinx – WTA Tilemount Sensor

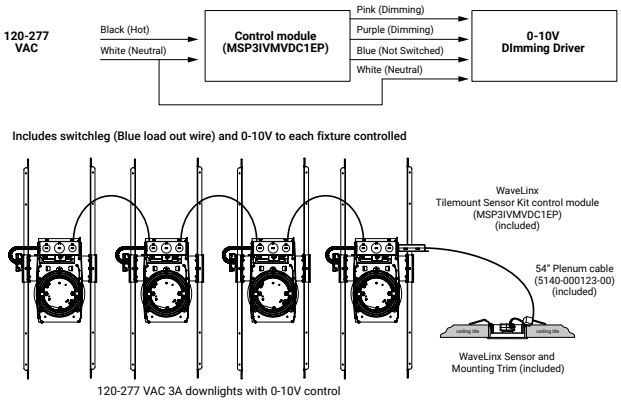
- WaveLinx functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building Network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



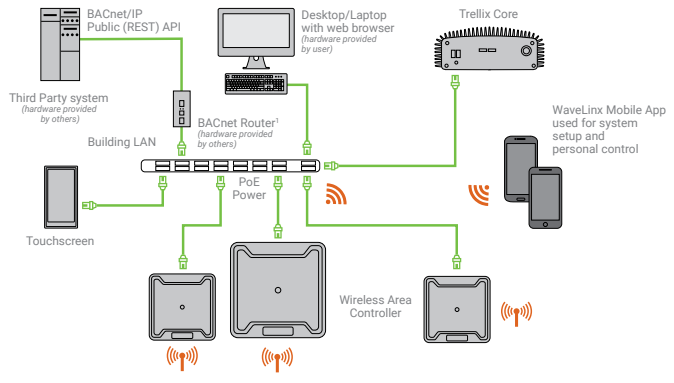
WaveLinx mobile app settings



WaveLinx Lite WTA Tilemount Wiring Diagram



WaveLinx Trellix Building Management Integration



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
Greengate

Connected Lighting Systems
Fifth Light (Canada Only)
HALO Home
WaveLinx

IoT Platform
Trellix



COOPER Lighting Solutions

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

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

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