Project	Catalog #	Туре	
Prepared by	Notes	Date	



HALO Commercial

HC6 | HM6 | 61 | 61PS

6-inch LED new construction/remodel regressed lens downlight and wall wash

Typical Applications

Office · Healthcare · Hospitality · Institutional · Mixed-Use/Retail

ℳ Interactive Menu

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- Product Warranty

Product Certification





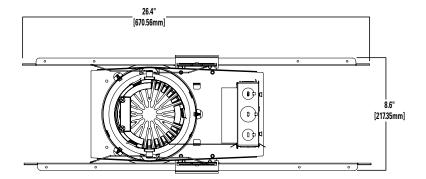


Product Features

Top Product Features

- New construction/remodel series; 500 to 4,000 lumens
- Narrow, Medium and Wide distributions; Wall wash with rotatable linear spread lens
- 2700K, 3000K, 3500K and 4000K CCT; 80 or 90 CRI
- Universal voltage 120V-277V; Standard 0-10V driver dims to 1%
- · Two retrofit kits install from below ceiling for LED upgrades

Dimensional and Mounting Details







Order Information

Sample Number: HC620D010REM7 - HM612835 - 61MDC

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

Mounting Frame	Lumens	Input / Control	Factory Installed Options	Accessories	
Mounting Frame	Lumens	Input / Control	Factory Installed Options	Accessories	
HC6 = 6" new construction and remodeler housing HC6CP = 6" new construction and remodeler housing, CCEA Chicago Plenum rated	05 = 500 lumens (nominal) 07 = 750 lumens (nominal) 10 = 1000 lumens (nominal) 15 = 1500 lumens (nominal) 20 = 2000 lumens (nominal) 30 = 3000 lumens (nominal) 40 = 4000 lumens (nominal)	D010 =120-277VAC 50/60Hz 0-10V analog 1% - 100% dimming D010347 = 347VAC 50/60Hz 0-10V analog 1%-100% dimming (Canada only) ¹	REM7 = 7 watt emergency module with remote test / indicator light, use with D010 only¹ REM14 = 14 watt emergency module with remote test / indicator light, use with D010 only¹ IEM7 = integral T watt emergency module with integral test / indicator light, use with D010 only¹ IEM14 = integral 14 watt emergency module with integral test / indicator light, use with D010 only¹ B0D7ST = 7.5 watt Bodine self-test diagnostic emergency module with remote test / indicator light, use with D010 only¹ LWTPD1 = factory installed Enlighted wireless tile mount sensor kit, use with D010 only¹ WTA=Factory installed WaveLinx tile mount sensor Kit¹.5	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 installation thousing and trim) H347 = 347 to 120V step down transformer, 75VA H347200 = 347 to 120V step down transformer, 200VA PORLWTPD1 = Field installed Enlighted wireless sensor kit, use with D010 only! WTA=Factory installed WaveLinx tile mount sensor Kit 1.5	
		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 module with remote test / indicator light, use with DLV only ^{1,2} REMV14 = 14 watt emergency module with remote test / indicator light, use with DLV only ^{1,2} IEMV7 = integral 7 watt emergency module with integral test / indicator light, use with DLV only ^{1,2} IEMV14 = integral 14 watt emergency module with integral test / indicator light, use with DLV only ^{1,2}		
Notes	Notes	Notes	Notes	Notes	
		(1) Not available with CP version	(1) Not available with CP version (2) ULus for U.S. only (5) 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 system specifications)	(1) Not available with CP version (5) 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 system specifications)	

LED Module	Lumens	CRI/CCT
LED Module	Lumens	CRI/CCT
HM6 = 6" LED module	05 = 500 lumens (nominal), use with HC605* housings 07 = 700 lumens (nominal), use with HC607* housings 12 =1000, 1500 and 2000 lumens (nominal), use with HC610*, HC615*, HC620* housings 34 =3000 and 4000 lumens (nominal), use with HC630*, HC640* housings	827 = 80 CRI (minimum), 2700K CCT 830 = 80 CRI (minimum), 3000K CCT 835 = 80 CRI (minimum), 3500K CCT 840 = 80 CRI (minimum), 4000K CCT 927 = 90 CRI (minimum), 2700K CCT 930 = 90 CRI (minimum), 2700K CCT 930 = 90 CRI (minimum), 3000K CCT 940 = 90 CRI (minimum), 3500K CCT 940 = 90 CRI (minimum), 4000K CCT
Notes	Notes	Notes

Reflector	Distribution	Finish	Flange	Accessories
Reflector	Distribution ³	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 = rotatable wall wash insert for 6" reflector –replacement part kit
Notes	Notes	Notes	Notes	Notes
	(3) Values are nominal, with specular clear reflector, other finishes and field results may vary.			



Order Information

Baffle	Distribution	Finish	Flange	Accessories
Baffle	Distribution ³	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 = rotatable wall wash insert for 6" reflector –replacement part kit
Notes	Notes	Notes	Notes	Notes
	(3) Values are nominal, with specular clear reflector, other finishes and field results may vary.			

IEM Reflector	Distribution	Finish	Flange	Integral Emergency
IEM Reflector	Distribution ³	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 integral emergency only
Notes	Notes (3) Values are nominal, with specular clear reflector, other finishes and field results may vary.	Notes	Notes	Notes

IEM Baffle	Distribution	Finish	Flange	Integral Emergency
IEM Baffle	Distribution ³	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 integral emergency only
Notes	Notes	Notes	Notes	Notes
	(3) Values are nominal, with specular clear reflector, other finishes and field results may vary.			

Reflector	Distribution	Finish	Flange
Reflector	Distribution ³	Finish	Flange
61PS = 6" non-conductive polymer 'dead front' conical reflector ⁴	MD = medium 60° beam angle 1.10 SC (nominal)	W = White	Blank = White flange standard with W reflector
Notes (4) 61PS reflector is for Non-IC environment only, and up to 3000 lumens only.	Notes (3) Values are nominal, with specular clear reflector, other finishes and field results may vary.	Notes	Notes



Product Specifications

Housing Frame

- Boat shaped galvanized steel plaster frame with adjustable plaster lip
- · Accommodates 1/2" to 1-1/2" thick ceilings
- Installs in new construction or from below the finished ceiling (non-accessible) for remodeling (with mounting bars removed)
- Provided with two remodel clips to secure the frame to the ceiling

Universal Mounting Bracket

- Adjusts 2" vertically from above and below the ceiling
- Use with the included mounting bars or with 1/2" Electric Metallic Tube (EMT)
- Removable to facilitate remodeling installation from below the finished ceiling

Mounting Bars

- Captive pre-installed No Fuss™ mounting bars lock to T-grid with screwdriver or pliers
- Centering detents allow for consistent positioning of fixtures

LED Module

- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- · Available in 80 or 90 color rendering index (CRI)
- Color accuracy within 3 SDCM provides color consistency and uniformity
- 90 CRI option: R9>50 (refer to chromaticity information for details)
- Available in 2700K, 3000K, 3500K and 4000K correlated color temperature (CCT)
- Passive thermal management achieves 60,000 hours at 70% lumen maintenance (L70) in insulated ceilings (IC) and non-IC applications
- · Integral diffuse lens provides visual shielding
- Integral connector allows quick connection to housing flex

Lumen Options

- · Nominal lumen values
 - o 500 lm
 - o 750 lm
 - o 1000 lm
 - o 1500 lm
 - o 2000 lm o 3000 lm
 - o 4000 lm

Reflector

- Self-flanged aluminum reflectors available in narrow, medium or wide distribution patterns
- Medium distribution polymer non-conductive matte white reflector may be used to meet local codes for 'dead front' applications (Non-IC, 3,000 lumens max.)
- Wall wash reflector features a rotatable linear spread lens for alignment of vertical illumination
- Reflectors attach to LED module with three speed clamps
- Available in multiple painted or plated finishes

Reflector/Module Retention

 Reflector/module assembly is securely retained in the housing with two torsion springs

Driver

- Field-replaceable constant current driver provides low noise operation
- · Universal 120-277VAC 50/60Hz input standard
- 347VAC 50/60Hz input option (Canada only)
- Continuous, 1% to 100% dimming with 0-10V analog control
- Optional low-voltage DC driver for use with Distributed Low Voltage Power (DLVP) system

Emergency Option

- Provides 90 minutes of standby lighting, meeting most life safety codes for egress lighting
- Available with integral or remote charge indicator and test switch
- Available Self-Test (self-diagnostic) with remote charge indicator and test switch

Connected Lighting Systems Options

- · WaveLinx (two options):
 - Factory installed WaveLinx tile-mount sensor kit includes control module, sensor and cable, allowing use with the comprehensive lighting system
 - Field installed WaveLinx accessory tile mount sensor kit includes the same components as the factory kit, but sold separately for field installation
 - WTA WaveLinx tile-mount sensor kit offers daylight dimming, PIR motion sensing control and optional Real Time Location Services (RLTS)
 - (Refer to WaveLinx system specifications and application guides for details)
 - WTA WaveLinx kit includes a control module that mounts on the luminaire electrical junction box via a 1/2" knock-out
 - The WaveLinx tile-mount sensor features directmount spring clips to attach to a ceiling tile and the included mounting bracket allows for installation in an octagon ceiling box
- · Enlighted wireless tile-mount sensor and control kit
- Distributed Low Voltage Power (DLVP) system combines power, lighting and controls with ease of installation (refer to DLVP Design Guide at www. cooperlighting.com for details)

Junction Box

- · Galvanized steel junction box
- ullet 20 in 3 internal volume excluding voltage barrier
- 25 in³ internal total volume
- Voltage barrier for 0-10V dimming wires (occupies one 1/2" pry-out space)
- Listed for eight #12 AWG (four in, four out) 90°C conductors and feed-thru branch wiring
- Three 1/2" and two 3/4" trade size pry-outs available
- Three 4-port push wire nuts for mains voltage with 1-port for fixture connection

Compliance

- cULus damp and wet location listed in protected ceilings
- IP20 Above finished ceiling; IP65 Below finished ceiling
- Non-Insulated ceiling (Non-IC) rated for 3,000 and 4,000 lumen models (insulation must be kept 3" from top and sides)
- Insulated ceiling (IC) rated for 500, 750, 1,000, 1,500 and 2,000 lumen models and suitable for direct contact with air permeable insulation* (IC models are also suitable for Non-IC installations)
- · Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions FCC CFR Title 47 Part 15 Class B at 120V and Class A at 277V
- · Contains no mercury or lead and RoHS compliant
- Photometric testing completed in accordance of IES LM-79-08
- Lumen maintenance projection in accordance of IES LM-80-08 and TM-21-11

Warranty

 Five year limited warranty, consult website for details. www.cooperlighting.com/legal

*Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013

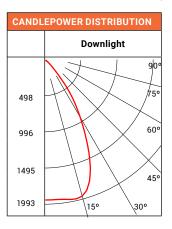


Photometric Data



NARROW DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

NARR	OW (55° BEAM*)		
Test Number	P285970		
Housing	HC620D010		
Module	HM612835		
Reflector	61NDC		
Lumens	1920 Lm		
Efficacy	96 Lm/W		
sc	0.97		
UGR	11.7		



CONE OF LIGHT						
0° D						
МН	MH FC L W					
5.5'	64.9	5.2	5.2			
7'	40	6.8	6.8			
8'	8' 30.7 7.6 7.6					
9'	9' 24.2 8.6 8.6					
10'	19.6	9.6	9.6			
12'	13.6	11.6	11.6			

CANDELA TABLE		
Degrees Vertical	Candela	
0	1962	
5	1962	
15	1975	
25	1434	
35	671	
45	112	
55	13	
65	3	
75	3	
85	0	
90	0	

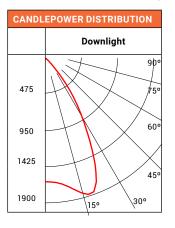
ZONAL LUMEN SUMMARY				
Zone	Lumens	% Fixture		
0-30 1385		72.1		
0-40	1796	93.5		
0-60	1915	99.7		
0-90	1920	100		
90-180	0	0		
0-180	1920	100		

LUMINANCE			
Average Candela Degrees	Average 0° Luminance		
45	8706		
55	1223		
65	337		
75	551		
85	0		

MEDIUM DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

MEDIUM (60° BEAM*)		
Test Number	P286170	
Housing	HC620D010	
Module	HM612835	
Reflector	61MDC	
Lumens	1959 Lm	
Efficacy	97.9 Lm/W	
SC	1.10	
UGR	11.8	





000						
MH FC L W						
5.5'	55.2	5.8	5.8			
7'	34.1	7.6	7.6			
8' 26.1 8.6 8.6						
9'	20.6	9.6	9.6			
10'	16.7	10.8	10.8			
12' 11.6 13 13						

CONE OF LIGHT

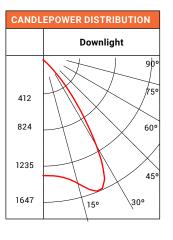
CANDEL	.A TABLE	
Degrees Vertical	Candela	
0	1642	
5	1660	
15	1854	
25	1576	
35	699	
45	120	
55	15	
65	5	
75	3	
85	0	
90	0	

ZONAL LUMEN SUMMARY			
Zone	Lumens % Fixture		
0-30	1387	70.8	
0-40	1821	93	
0-60	1951	99.6	
0-90	1959	100	
90-180	0	0	
0-180	1959	100	

LUMINANCE			
Average Candela Degrees	Average 0° Luminance		
45	9236		
55	1462		
65	662		
75	551		
85	0		

WIDE DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

WIDE	(65° BEAM*)		
Test Number	P286370		
Housing	HC620D010		
Module	HM612835		
Reflector	61WDC		
Lumens	2045 Lm		
Efficacy	102.3 Lm/W		
sc	1.28		
UGR	11.6		



CONE OF LIGHT						
0° D						
MH FC L W						
5.5'	44.3	7	7			
7'	27.4	8.8	8.8			
8' 21 10.2 10.2						
9' 16.6 11.4 11.4						
10'	13.4	12.6	12.6			
12'	9.3	15.2	15.2			

CANDELA TABLE			
Degrees Vertical	Candela		
0	1341		
5	1349		
15	1466		
25	1642		
35	877		
45	201		
55	28		
65	5		
75	2		
85 0			
90	0		

ZONAL LUMEN SUMMARY				
Zone	Lumens	% Fixture		
0-30	1282	62.7		
0-40	1835	89.7		
0-60	2037	99.6		
0-90	2045	100		
90-180	0	0		
0-180	2045	100		

LUMIN	LUMINANCE		
Average Candela Degrees	Average 0° Luminance		
45	15614		
55	2676		
65	662		
75	530		
85	0		

Photometric Multipliers (Nominal Lumen Values)

500 Lumen	750 Lumen	1000 Lumen	1500 Lumen	2000 Lumen	3000 LUMEN	4000 LUMEN
0.32	0.42	0.52	0.72	1.00	1.44	2.02

Multipliers for relative lumen values with other series models.

Color Finish Multipliers

Finish code	С	Н	W/WB	ВВ
Finish Specular Clear Semi-Spec		Semi-Specular	Matte White White Baffle	Black Baffle
Multiplier	Multiplier 1.00		0.92	0.84

Multipliers for relative lumen values with other color finishes.

CCT Multipliers - 80CRI

2700K	3000K	3500K	4000K
0.93	0.95	1.00	1.05

Multipliers for relative lumen values with other series color temperatures.

CCT Multipliers - 90CRI

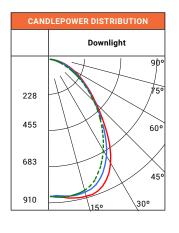
2700K	3000K	3500K	4000K
0.75	0.82	0.90	0.89

Multipliers for relative lumen values with other series color temperatures.

^{*}Value are nominal with specular clear reflectors, other finishes and field results may vary. SC = Spacing Criteria UGR = Unified Glare Rating

WALL WASH DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

WALL WASH						
Test Number	P286650					
Housing	HC620D010					
Module	HM612835					
Reflector	61RWWC					
Lumens	1798 Lm					
Efficacy	89.9 Lm/W					
sc	1.23					



CANDELA TABLE					
Degrees Vertical	Candela				
0	882				
5	890				
15	910				
25	854				
35	665				
45	431				
55	270				
65	161				
75	74				
85	10				
90	0				

ZONAL LUMEN SUMMARY							
Zone	Lumens	% Fixture					
0-30	696	38.7					
0-40	1079	60					
0-60	1629	90.6					
0-90	1798	100					
90-180	0	0					
0-180	1798	100					

LUMINANCE						
Average Candela Degrees	Average 0° Luminance					
45	33399					
55	25825					
65	20832					
75	15653					
85	6416					

SC = Spacing Criteria, nominal for specular clear reflector, other finishes and field results may vary.

	SINGLE UNIT FOOTCANDLES								
	2.5' from wall (distance from fixture along wall)								
1	16.8	12	5.4	2	0.7	0.2	0.1		
2	24.7	19.2	10.5	4.9	2.2	1	0.5		
3	22.8	18.6	11.4	6.2	3.2	1.7	0.9		
4	17.5	15	10.3	6.2	3.6	2	1.2		
5	11.9	10.7	8.2	5.5	3.4	2.1	1.3		
6	8	7.4	6.1	4.5	3.1	2	1.3		
7	5.5	5.2	4.5	3.6	2.6	1.9	1.3		
8	3.9	3.7	3.3	2.8	2.2	1.6	1.2		
9	2.8	2.7	2.5	2.2	1.8	1.4	1.1		
10	2.1	2	1.9	1.7	1.5	1.2	0.9		

	MULTIPLE UNIT FOOTCANDLES							
		5' from w e from fixtu 3 ''`				5' from w e from fixtu — 4''		
1	18.8	16.6	18.8		17.5	10.7	17.5	
2	29.5	29.2	29.5		26.8	20.9	26.8	
3	29	29.8	29		26	22.9	26	
4	23.7	25.3	23.7		21	20.5	21	
5	17.4	19.2	17.4		15.4	16.3	15.4	
6	12.5	13.7	12.5		11.1	12.2	11.1	
7	9.1	9.8	9.1		8.1	9	8.1	
8	6.7	7.1	6.7		6.1	6.7	6.1	
9	5	5.3	5		4.6	5	4.6	
10	3.8	4	3.8		3.5	3.8	3.5	

Photometric Multipliers (Nominal Lumen Values)

500 Lumen	750 Lumen	1000 Lumen	1500 Lumen	2000 Lumen	3000 LUMEN	4000 LUMEN
0.32	0.42	0.52	0.72	1.00	1.44	2.02

Multipliers for relative lumen values with other series models.

Color Finish Multipliers

Finish code	С	Н	W/WB	ВВ
Finish	Specular Clear	Semi-Specular	Matte White White Baffle	Black Baffle
Multiplier	1.00	0.91	0.92	0.84

Multipliers for relative lumen values with other color finishes.

CCT Multipliers - 80CRI

2700K	3000K	3500K	4000K
0.93	0.95	1.00	1.05

Multipliers for relative lumen values with other series color temperatures.

CCT Multipliers - 90CRI

2700K	3000K	3500K	4000K
0.75	0.82	0.90	0.89

Multipliers for relative lumen values with other series color temperatures.



Energy & Performance Data

Series	500 lumen	
Input Voltage 120-277VAC	120V	277V
Input Current (A)	TBD	TBD
Input Power (W)	TBD	TBD
In-rush Current (A)	TBD	TBD
In-rush Duration (ms)	TBD	TBD
THDi (%)	TBD	TBD
PF: ≥ 0.90		
(Nominal input 120-277VAC & 100% of rated output power)		

Minimum starting temperature -40°C (-40°F)*

Sound Rating: Class A standards

Series	750 lumen	
Input Voltage 120-277VAC	120V	277V
Input Current (A)	TBD	TBD
Input Power (W)	TBD	TBD
In-rush Current (A)	TBD	TBD
In-rush Duration (ms)	TBD	TBD
THDi (%)	TBD	TBD
PF: ≥ 0.90		
(Nominal input 120-277VAC & 100% of rated output power)		
Minimum starting temperature -40°C (-40°F)*		

Sound Rating: Class A standards

Input Voltage 120-277VAC

Series	1000	lumen
Input Voltage 120-277VAC	120V	277V
Input Current (A)	0.085	0.042
Input Power (W)	10.1	10.9
In-rush Current (A)	0.644	1.95
In-rush Duration (ms)	0.125	0.24
THDi (%)	8.6	15.6
PF: ≥ 0.90		
(Nominal input 120-277VAC & 100% of rated output power)		
Minimum starting temperature -30°C (-22°F)*		
Sound Rating: Class A standards		
•		

Series	1500 lumen	
Input Voltage 120-277VAC	120V	277V
Input Current (A)	0.119	0.055
Input Power (W)	14.2	14.9
In-rush Current (A)	0.212	0.85
In-rush Duration (ms)	0.28	0.32
THDi (%)	7.8	16.3
PF: ≥ 0.90		
(Nominal input 120-277VAC & 100% of rated output power)		
Minimum starting temperature -30°C (-22°F)*		
Sound Rating: Class A standards		

Input Current (A)	0.176	0.082
Input Power (W)	21.1	21.4
In-rush Current (A)	0.588	0.624
In-rush Duration (ms)	0.3	0.38
THDi (%)	8.8	11.2
PF:	≥ 0.90	
(Nominal input 120-277VAC & 100% of rated output power)		
Minimum starting temperature -30°C (-22°F)*		
Sound Rating: Class A standards		

2000 lumen

277V

120V

Series	3000	lumen
Input Voltage 120-277VAC	120V	277V
Input Current (A)	0.228	0.102
Input Power (W)	27.2	27
In-rush Current (A)	0.898	1.7
In-rush Duration (ms)	0.36	0.38
THDi (%)	9.7	9.3
PF: ≥ 0.90		
(Nominal input 120-277VAC & 100% of rated output power)		
Minimum starting temperature -30°C (-22°F)*		
Sound Rating: Class A standards		

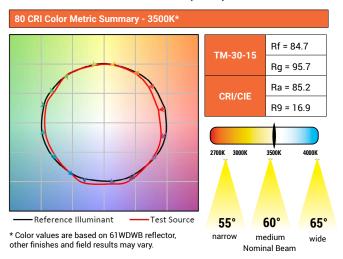
Series	4000 lumen	
Input Voltage 120-277VAC	120V	277V
Input Current (A)	0.345	0.15
Input Power (W)	41.3	40.7
In-rush Current (A)	1.05	2.23
In-rush Duration (ms)	0.32	0.34
THDi (%)	10.06	14.01
PF: ≥ 0.90		
(Nominal input 120-277VAC & 100% of rated output power)		
Minimum starting temperature -30°C (-22°F)*		
Sound Rating: Class A standards		

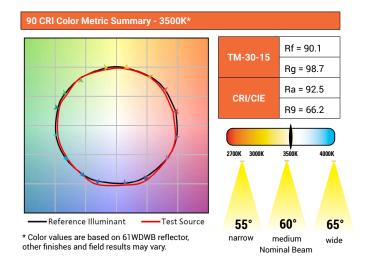
Notes:
* Emergency Battery packs are rated for a minimum starting temperature of 0°C.



Energy & Performance Data

COLOR METRICS - TM-30-15 & CRI/CIE (3500K)



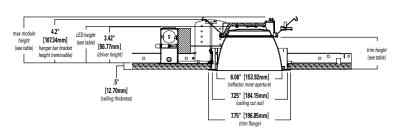


Dimensional and Mounting Details

NEW CONSTRUCTIONS - HIGH LUMEN 3000 AND 4000 LUMEN

ax module height (see table) LED hight (see table) BB.77mm (service height) Graining Bidriver height) Calling Bidriverses) 12.78mm (calling act out) T7.75* [186.5mm] It managel

NEW CONSTRUCTIONS - LOW LUMEN 1000, 1500, AND 2000 LUMEN



High 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"

*Max. height w/hanger bar bracket 4.2"

Low Lumen (500, 750, 1000, 1500 & 2000 Lumens)*

Max. Module Height	Trim Height	LED Height
4.5"	3.4"	3.8"
4.6"	3.5"	3.9"
4.4"	3.3"	3.7"
4.4"	3.3"	3.7"

