The Halo ML56 LED Downlighting System is a series of modular LED Light Modules for use with designated 5" or 6" ML56 LED trims in new construction, remodel and retrofit installation Compatible with Halo 5" H550 and 6" H750, H2750 Series LED housings. And in retrofit of existing housings the ML56 Series fits 5" or 6" Halo, All-Pro, and others. ML56 system offers shallow trims for installation in Halo, All-Pro and others shallow housings. ML56 Light Modules are offered in 600 Series, 900 Series, and 1200 Series, 80CRI or 90CRI, and four color temperatures 2700K, 3000K, 3500K, 4000K. ML56 Light Modules are universal voltage 120V - 277V and dimmable at 120V. The ML56 lens provides uniform diffuse illumination standard. ML56 - 1200 Series offers narrow flood (NFL) beam forming reflector as an optional accessory. Wet location listed with reflector and baffle trims (directional eyeball trims are damp listed). Halo ML56 Series offers high performance LED downlighting in a flexible modular selection.

Catalog #	Туре
Project	
Comments	Date
Prepared by	

Specification Features

Mechanical

Light Module

- Module includes LED package, LED driver, heat sink, and lens
- Durable die-cast aluminum construction
- · Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, including insulated ceiling environments

Optics

- Diffuse lens is standard on all 1200 Series LED light modules
 - Impact-resistant polycarbonate
 - Convex form for lamp-like appearance
 - High lumen transmission
- · Optional beam forming optic replaces diffuse lens and provide narrow flood (NFL) 25° nominal distribution. Beam forming optic is field installed. Order separately (accessories).

Mounting

- Light Modules attach to reflector and baffle trims via locking tabs, and attach to eyeballs via keyed twist-to-lock mating
- The complete light module and trim assembly installs into housings with precision formed torsion springs located on the trim
- Use retrofit adapter band (ML7RAB) accessory when housing does not have receivers for torsion springs.

Housing Compatibility

A complete ML56 system includes a LED Light Module, LED trim, and a compatible housing (new construction, remodel, or existing retrofit). Housing compatibility in the ML56 System is determined by the ML56 trim dimensions. ML56 trims are available in 5" and 6" aperture (5" = 59xx series and 6" = 69xx series trims). Refer to Housing - Trim Section in this document.

- 1200 Series = 1200 design lumens typical. Delivered lumens vary upon 5" or 6" trim, color temperature, and trim finish.
- Color Temperature options: 2700K, 3000K, 3500K, 4000K

- CRI: 80
- L70 at 50,000 hours, projected in accordance with IES TM-21
- LED is a chip on board design consisting of a multiple LED package with proximity phosphor coating to create one virtual white light source for a productive "cone of liaht

Color Specification & Quality Standards

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- · LED color uniformity of 3 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377- 2008
- · Every Halo LED Light Module is quality tested and performance measured, and then serialized in a permanent record to register lumens, wattage, CRI and CCT.
- Halo LED serialized testing and measurement process ensures color and lumen consistency on a per-unit basis, and validates long-term product consistency over time
- Halo ML56 LED Light Modules include lumen, CRI, and CCT designations in the model number
- Example: ML5612830
 - **56** = 5" / 6" aperture series **12** = 1200 lumen series

 - **8** = >80 CR **30** = 3000K nominal CCT

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation in Halo 5" H550 Series and 6" H750 and H2750 Series housings (per LED trim 5" or 6").
- · LED Connector meets high-efficacy luminaire requirements as a non-screw base, and where required.
- The included E26 medium screw-base Edison adapter provides easy retrofit of incandescent housings (see Housing

Ground Connection

Separate grounding cable included on the module for attachment to the housing during installation.

LED Driver

- · Driver is universal voltage 120V-277V, and may be controlled from a switch in Halo LED housings at 120V, 220V, 230V, 240V, and 277V.
- Driver is dimmable at 120V operation when connected to a compatible dimmer.
- Driver is a high efficiency, electronic power supply providing DC power to the LED.
- Driver meets FCC EMI/RFI Consumer Level limits on 120V main inputs, and is compliant for use in residential and commercial installations.
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure.
- Driver is replaceable, if replacement should be required.

Dimming

Designed for dimming capability to nominal Designer for diffilling readounty to frominal 5% in normal operation with standard 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. (Consult dimmer manufacturer for dimmer compatibility and details. Note, some dimmers require a neutral in the wallbox.)

Warranty

Cooper Lighting Solutions provides a (5) five year limited warranty on the Halo ML56 LED Light Module

LED Module in New or Retrofit Existing Construction - Housings other than Halo or All-Pro

- If used in recessed housings other than Halo or All-Pro the Cooper Lighting Solutions 5-year limited warranty applies to the LED Light Module and Trim only.
- As with any electrical installation, a qualified electrician must ensure compatibility of use with a particular housing; this includes all applicable national and local electrical and building codes. Installer is responsible to properly and securely retain the LED Module and LED Trim in the housing at time of installation.



ML56 LED **System**

1200 Series with **Beam Forming Reflector Option 80 CRI**

> ML5612827 ML5612830 ML5612835 ML5612840

5-Inch and 6-Inch 1200 Lumen LED **Light Module for** New Construction, Remodel and Retrofit

For use with 59x and 69x Series 5" and 6" Trims

FOR USE IN INSULATED **CEILING AND NON-INSULATED CEILING RATED HOUSINGS**

HIGH EFFICACY LED WITH **INTEGRAL DRIVER - DIMMABLE**

Energy Data

ML56 1200/80 Series

(Values at non-dimming line voltage)

Minimum Starting Temp: -30°C (-22°F)

EMI/RFI: FCC Title 47 CFR, Part 15, (Consumer)

Sound Rating: Class A

Input Voltage: UNV 120V-277V

Power Factor: >0.95 @ 120V and >0.9 @277V

Input Frequency: 50/60Hz

THD: <20%

Input Power: 17.5W

Input Current at 120V: 0.14A

Input Current at 277V: 0.07A

Driver Compliance: UL8750, Class II rated

Maximum IC (Insulated Ceiling) Ambient Continuous Operating Temperature: 25°C (77°F)

Maximum Non-IC Ambient Continuous Operating Temperature: 40°C (104°F)



5" or 6" LED 1200 Series



5" or 6" LED 1200 Series





5" or 6" LED 1200 Series





Compliance

- cULus liste1598 Luminaire (Halo and All-Pro housings)
- UL Classified when used in retrofit (refer to housing section)
- cULus listed for damp locations
- cULus Wet location listed with baffle and reflector trims only
- Airtight certified per ASTM E283 (not exceeding 2.0 CFM under 57 Pascals pressure difference)
- IP56 ingress protection rated with baffle and reflector trims only
- · RoHS compliant
- May be used in IC (insulated ceiling) housings in direct contact with insulation* and combustible material
- Can be used as a California Title 24 compliant Non-Residential LED Luminaire (Non-IC)
- Can be used for International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- Can be used for Washington State Energy Code compliance
- ENERGY STAR® certified luminaire consult ENERGY STAR® certified product list
- EMI/RFI per FCC 47CFR Part 15 Class B Consumer limits (commercial and residential compliant)
- . Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- CE Mark "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance when used with Halo H550, H750, and H2750 Series LED housings only
- * Not for use with housings in direct contact with spray foam insulation.















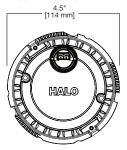


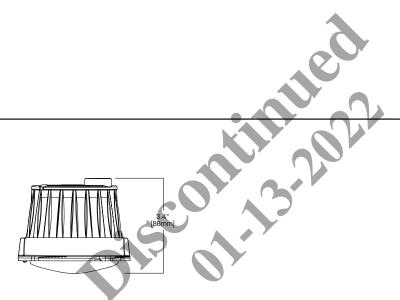
Refer to ENERGY STAR® Certified Products List.

Can be used to comply with California Title 24 Non-Residential Lighting Controls requirements as a LED Luminaire

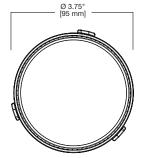
Dimensions

ML56 LED Module





Beam Forming Optic (Accessories)







Ordering Information

Sample Number: ML5612830 593WB Order LED Module and trim separately.

A complete system also includes a compatible housing (new construction, remodel, or existing retrofit). Housing aperture size in the ML56 System is determined by the ML56 trim dimensions. ML56 trims are available in 5" and 6" aperture (5" = 59xx series and 6" = 69xx series trims). Refer to Housing Section in this document.

ML56 LED Light Modules 1200 Series / 80 CRI

ML5612827= 5"/6" LED light module, 1200 Jumen, 80CRL 2700K ML5612830= 5"/6" LED light module, 1200 lumen, 80CRI, 3000K ML5612835= 5"/6" LED light module, 1200 lumen, 80CRI, 3500K

ML5612840= 5"/6" LED light module, 1200 lumen, 80CRI, 4000K

ML56 LED 5" and 6" Trims

590 Series - 5" LED Trims 592SC=5" LED trim, specular reflector & white flange 592H=5" LED trim, haze reflector & white flange

592W=5" LFD trim, white reflector & flange

593WB=5" LED trim, white micro-step baffle & flange 593BB=5" LED trim, black micro-step baffle & white flange

594WB=5" LED directional trim, white eyeball, baffle

& flange - shallow and standard housings 595WW=5" LED trim, wall wash - specular reflector. repositionable specular kick reflector, white flange

596WB=5" LED trim, white shallow baffle & flange shallow and standard housings

690 Series - 6" LED Trims

692SC=6" LED trim, specular reflector & white flange 692H=6" LED trim, haze reflector & white flange

692W=6" LED trim, white reflector & flange

ligr 693WB=6" LED trim, white micro-step baffle & flange 693BB=6" LED trim, black micro-step baffle & white flange

693TBZB=6" LED trim, tuscan bronze micro-step

baffle & flange

693SNB=6" LED trim, satin nickel micro-step baffle & satin nickel flange

694WB=6" LED directional trim, white eyeball,

baffle & flange - shallow and standard housings

694TBZB=6" LED directional trim, tuscan bronze eyeball, baffle & flange - shallow and standard housings

694SNB=6" LED directional trim, satin nickel eyebal baffle & flange - shallow and standard housings

695WW=6" LED trim, wall wash - specular reflector,

repositionable specular kick reflector, white flange 696WB=6" LED trim, white shallow baffle & flange

for use with shallow and standard housings

ML56 Beam Forming Optic / Media 1200 Series Accessories

BFR56NFL=Beam forming reflector kit, narrow flood, 25° nominal

BFR56MH=Media holder, accepts one 3.45" lens. Requires BFR56NFL & L345SF, order separately. L345SF=3.45" diameter soft focus lens. Requires BFR56NFL and BFR56MH, order separately.

ML56 System Accessories

ML7RAB=Retrofit adapter band for housings without torsion spring receivers. The ML7RAB kit supplies parts to retrofit four housings; the kit includes: 4 - Retrofit adapter bands with screws and locking wire nuts

WW595SC=5" Wall wash Insert - kick reflector for 595WW (1-included with trim) double or corner wall

WW695SC=6" Wall wash Insert - kick reflector for 695WW (1-included with trim) Double or Corner Wall Wash*

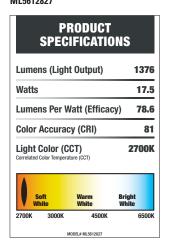
TRM590WH=5" LED oversize trim ring for use with 59* series trims, white 6.3" I.D., 7.5" O.D. Ring slips over LED trim. Inset design allows 5" trim to fit into oversize ring for an even trim surface

TRM690WH=6" LED oversize trim ring for use with 69* series trims, White 6.9" I.D., 9.5" O.D. Ring slips over LED trim. Inset design allows 6" trim to fit into oversize ring for an even trim surface

**Wall Wash Trims 595WW and 695WW Feature an exclusive Repositionable Kick Reflector for finetuning adjustment of the wall wash effect. The WW595SC and WW695SC are Repositionable Kick Reflectors sold separately for addition to the Wall Wash Trim when a double or corner wall wash is needed, or for replacement of original kick reflector included with the trim.

Lighting Facts

ML5612827



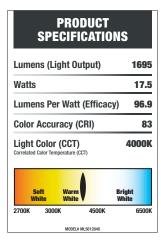
ML5612830

S		RODUC [*] IFICATI	_
Lumens	(Ligh	t Output)	1549
Watts			17.
Lumens	Per W	/att (Effica	acy) 88. !
Color Ac	curac	y (CRI)	82
Light Co Correlated Cold			30001
Soft White		Warm White	Bright White
WHITE			

ML5612835

PRODU(Specifica	
Lumens (Light Output	1570
Watts	17.
Lumens Per Watt (Eff	icacy) 89.
Color Accuracy (CRI)	83
Light Color (CCT) Correlated Color Temperature (CCT)	35001
Soft Warm White	Bright White
2700K 3000K 450	OK 6500

ML5612840





Housing - Trim Compatibility

Housing aperture size in the ML56 System is determined by the ML56 trim dimensions. ML56 trims are available in 5" and 6" aperture (5" = 59xx series and 6" = 69xx series trims). Refer to ML56 TRIMS in this document. (Note "X" in the trim model number denotes finish code.)

Housing – Compatibility

The ML56 LED light module - trim combination is cULus Listed or UL Classified for use with any 5" or 6" diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 115 in³ in addition to those noted below.

Halo and All-Pro UL Listed Compatibility

6" Trims: 692X, 693X, 694X, 695X, 696X

(Note shallow housings for use with 694X trims only)

HALO - LED Housings with LED luminaire connector - high-efficacy compliant

Brand	Housing Type	Catalog Number	Description		
Halo	Standard Housings	H750ICAT	6" LED, Insulated Ceiling, Air-Tite, New Construction Housing		
H750RICAT 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing					
		H750T	6" LED, Non-IC, Air-Tite, New Construction Housing		
		H750TCP	6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing		
		H750RINTD010	6" LED, Non-IC, Air-Tite, Remodel Housing (International CE Mark and UL/cUL Listed)		
Halo	Shallow Housings	H2750ICAT	6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (use with 694X trims only)		

HALO and All-Pro - Incandescent E26 Screwbase Housings

H7RICAT 6" Insulated Ceiling, Air-Tite Remodel Housing H7RICT 6" Insulated Ceiling, New Construction Housing H7RICT 6" Insulated Ceiling, Remodel Housing H7RICT 6" Insulated Ceiling, Remodel Housing H7RICT 6" Insulated Ceiling, Remodel Housing H7RICTNB 6" Insulated Ceiling, Remodel Housing H7RICTNB 6" Insulated Ceiling, Remodel Housing H7TCNB 6" Insulated Ceiling, New Construction Housing, No Socket Bracket H7T 6" Non-IC, New Construction Housing H7TNB 6" Non-IC, New Construction Housing H7TNCP 6" Insulated Ceiling, Universal, Nirt Tite, New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Universal, Nirt Tite, New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Universal, Nirt Tite, New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Air-Tite, New Construction Housing H7000AT 6" Insulated Ceiling, New Construction Housing H7000AT 6" Insulated Ceiling, New Construction Housing H7000ATN 6" Insulated Ceiling, New Construction Housing H700ATN 6" Insulated Ceiling, New Construction Housing H700ATN 6" Insulated Ceiling, New Construction Housing H700ATN 6" Insulated Ceiling, New Construction Housing Use with 694X trims only) H700ATN 6" Shallow, Insulated Ceiling, New Construction Housing Use with 694X trims only) H770ATN 6" Shallow, Insulated Ceiling, New Construction Housing Use with 694X trims only) H770ATN 6" Shallow, Non-IC, New Construction Housing Use with 694X trims only)	Brand	Housing Type	Catalog Number	Description
H7ICT 6" Insulated Ceiling, New Construction Housing H7ICATNB 6" Insulated Ceiling, Air-Tite New Construction Housing, No Sockat-Bracket H7ICATNB 6" Insulated Ceiling, Air-Tite New Construction Housing, No Sockat-Bracket H7ICATNB 6" Insulated Ceiling, New Construction Housing, No Sockat-Bracket H7ICATNB 6" Non-IC, New Construction Housing, No Socket Bracket H7ICATNB 6" Non-IC, New Construction Housing, No Socket Bracket H7ICATNB 6" Non-IC, New Construction Housing, No Socket Bracket H7ICP 6" Non-IC, New Construction Housing, No Socket Bracket H7ICP 6" Non-IC, Chicago Preprint, New Construction Housing, No Socket Bracket H7ICP 6" Insulated Ceiling, Universal, New Construction Housing, No Socket Bracket H7ICOT 6" Insulated Ceiling, H7ICATNB, New Construction Housing, No Socket Bracket H7ICOT 6" Insulated Ceiling, H7ICATNB, New Construction Housing, No Socket Bracket H7ICOT 6" Insulated Ceiling, H7ICATNB, New Construction Housing, No Socket Bracket H7ICOTNB, 6" Insulated Ceiling, H7ICATNB, New Construction Housing, No Socket Bracket H7ICOTNB, 6" Insulated Ceiling, H7ICATNB, New Construction Housing, No Socket Bracket H7ICOTNB, 6" Insulated Ceiling, H7ICATNB, New Construction Housing H7ICOTNB, New H7ICATNB, New H7ICATNB, New Construction Housing H7ICOTNB, New H7ICATNB, New H7ICATNB, New Construction Housing H7ICOTNB, New H7ICATNB, New H7	Halo	Standard Housings	H7ICAT	6" Insulated Ceiling, Air-Tite New Construction Housing
H7ICATNS 6 'Insulated Ceiling, Remodel Housing H7ICATNS 6 'Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket H7IC TNB 6' Non-IC, Remodel Housing H7IT 6' Non-IC, Remodel Housing H7IT 6' Non-IC, Remodel Housing H7IT 6' Non-IC, Remodel Housing H7ITNB 6' Non-IC, Remodel Housing H7INB 6' Non-IC, Remodel Housing H7INB 6' Non-IC, Remodel Housing H7INB 6' Non-IC, Remodel Housing H7IUCT 6' Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7IUCAT 6' Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7IUCAT 6' Insulated Ceiling, Air-Tite New Construction Housing (use with 694X and 696X trims only) H7IUCAT 6' Insulated Ceiling, Air-Tite New Construction Housing (use with 694X and 696X trims only) H7IUCAT 6' Insulated Ceiling, Air-Tite New Construction Housing H7IUCAT 6' Insulated Ceiling, Air-Tite New Construction Housing H7IUCAT 6' Insulated Ceiling, Air-Tite New Construction Housing H7IUCAT 6' Insulated Ceiling, New Construction Housing, No Socket Bracket H7IUCAT 6' Insulated Ceiling, New Construction Housing, No Socket Bracket H7IUCAT 6' Insulated Ceiling, Air-Tite New Construction Housing H7IUCAT 6' Shallow, Insulated Ceiling, Air-Tite New Construction Housing H7IUCAT 6' Shallow, Insulated Ceiling, Air-Tite New Construction Housing H7IUCAT 6' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H7IUCAT 6' Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H7IUCAT 6' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H7IUCAT 6' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H7IUCAT 6' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H7IUCAT 6' Shallow, Insulated Ceiling,			H7RICAT	6" Insulated Ceiling, Air-Tite Remodel Housing
H7ICATNB 6' Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket H7ICTNB 6' Non-IC, New Construction Housing, No Socket Bracket H7IT 6' Non-IC, Remodel Housing H7ITB 6' Non-IC, Remodel Housing H7ITB 6' Non-IC, Chew Construction Housing, No Socket Bracket H7ITCP 6' Non-IC, Chew Construction Housing, No Socket Bracket H7ICP 6' Non-IC, Chew Construction Housing, No Socket Bracket H7ICP 6' Non-IC, Chew Construction Housing, No Socket Bracket H7ICCT 6' Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7IICAT 6' Insulated Ceiling, Air-Tite New Construction Housing (use with 694X and 696X trims only) H7IICAT 6' Insulated Ceiling, Air-Tite New Construction Housing (use with 694X and 696X trims only) H7IICAT 6' Insulated Ceiling, Air-Tite New Construction Housing (use with 694X and 696X trims only) H7IICAT 6' Insulated Ceiling, Air-Tite New Construction Housing H7IICAT 6' Insulated Ceiling, Air-Tite New Construction Housing H7IICAT 6' Insulated Ceiling, New Construction Housing, No Socket Bracket H7IICAT 6' Insulated Ceiling, Air-Tite, New Construction Housing H7IICAT 6' Insulated Ceiling, Air-Tite, New Construction Housing H7IICAT 6' Insulated Ceiling, Air-Tite, New Construction Housing H7IICAT 6' Shallow, Insulated Ceiling, Air-Tite New Construction Housing H7IICAT 6' Shallow, Insulated Ceiling, Air-Tite New Construction Housing H7IICAT 6' Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H7IICAT 6' Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H7IICAT 6' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H7IICAT 6' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H7IICAT 6' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H7IICAT 6' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H7IICAT 6' Shallow, Non-IC, New Construction Housing (use with 694X trims only) H7IIC			H7ICT	6" Insulated Ceiling, New Construction Housing
H7ICTNB 6" Insulated Ceiling, New Construction Housing, No Socket Bracket H7T 6" Non-IC, New Construction Housing H7TNB 6" Non-IC, New Construction Housing H7TNB 6" Non-IC, New Construction Housing, No Socket Bracket H7TCP 6" Non-IC, Chicago Plenum, New Construction Housing H7TNLCT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7TNLCT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7TNLCT 6" Insulated Ceiling, Air-Tite New Construction Housing (use with 694X and 696X trims only) H7TNLCT 6" Insulated Ceiling, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7TNLCT 6" Insulated Ceiling, Air-Tite New Construction Housing H7TOOAT 6" Insulated Ceiling, Air-Tite New Construction Housing H7TOOAT 6" Insulated Ceiling, Air-Tite New Construction Housing H7TOOATNB 6" Insulated Ceiling, New Construction Housing, No Socket Bracket H7TOOU 6" Insulated Ceiling, New Construction Housing, No Socket Bracket H7TOOU 6" Insulated Ceiling, New Construction Housing H7TOOU 6" Insulated Ceiling, New Construction Housing H7TOOU 6" Insulated Ceiling, New Construction Housing H7TOOU 6" Non-IC, New Construction Housing H7TOOU 6" Non-IC, New Construction Housing H7TOOU 6" Non-IC, New Construction Housing H7TOOU 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing H7TOOU 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H7TRICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H7TRICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H7TRICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H7TRICT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H7TRICT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H7TRICT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims onl			H7RICT	6" Insulated Ceiling, Remodel Housing
H7T 6" Non-IC, New Construction Housing H7RT 6" Non-IC, Remodel Housing H7RT 6" Non-IC, Remodel Housing H7RT 6" Non-IC, New Construction Housing No Socket Bracket H7RTP 6" Non-IC, New Construction Housing, No Socket Bracket H7RTP 6" Non-IC, Chicago Plegtim, New Construction Flowing (use with 694X and 696X trims only) H7UICT 6" Insulated Ceiling, Universal New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Air-Tite New, Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Air-Tite New, Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Air-Tite New, Construction Housing H700AT 6" Insulated Ceiling, Air-Tite New Construction Housing H700AT 6" Insulated Ceiling, Air-Tite New Construction Housing H700AT 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket H700BT 6" Insulated Ceiling, New Construction Housing, No Socket Bracket H700BT 6" Insulated Ceiling, Air-Tite New Construction Housing H700AT 6" Insulated Ceiling, Air-Tite, New Construction Housing H700AT 6" Insulated Ceiling, Air-Tite, New Construction Housing H700AT 6" Non-IC, New Construction Housing H700AT 6" Non-IC, New Construction Housing H700AT 6" Non-IC, New Construction Housing H700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H70AT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H70AT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H70AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H70AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H70AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H70AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H70AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H70AT 6"			H7ICATNB	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
H7RT 6" Non-IC, Remodel Housing H7RD 6" Non-IC, Remodel Housing No Socket Bracket H7TCP 6" Non-IC, Chicago Plentin, New Donstruction Plannage Medicing H7UICT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Air-Tite Nemodel Housing H7DORAT 6" Non-IC, New Construction Housing H7DORAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H7DORAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H7DORAT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H7DORAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H7DORAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H7DORAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H7DORAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H7DORAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H7DORAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H7DORAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction			H7ICTNB	6" Insulated Ceiling, New Construction Housing, No Socket Bracket
H7TNB			H7T	6" Non-IC, New Construction Housing
H7TCP 6" Non-IC, Chicago Plentin, New Construction Remodel Housing H7UICT 6" Insulated Ceiling, Universal, New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Air-Tite New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Air-Tite New Construction Housing H700AT 6" Insulated Ceiling, Air-Tite New Construction Housing H700AT 6" Insulated Ceiling, New Construction Housing H700AT 6" Insulated Ceiling, New Construction Housing H700AT 6" Insulated Ceiling, Remodel Housing H700AT 6" Insulated Ceiling, New Construction Housing, No Socket Bracket H700U 6" Insulated Ceiling, New Construction Housing, No Socket Bracket H700U 6" Insulated Ceiling, Universal New Construction Housing H700U 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing H700U 6" Non-IC, New Construction Housing (use with 694X trims only) H700U 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H700U 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H700U 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H700U 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H700U 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H700U 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H700U 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H700U 6" Shallow, Insulated Ceiling, Air-Tite New Con			H7RT	6" Non-IC, Remodel Housing
H7UICT 6" Insulated Ceiling, Universal New Construction Housing (use with 694X and 696X trims only) H7UICAT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) E1700AT 6" Insulated Ceiling, Air-Tite Remodel Housing E1700A 6" Insulated Ceiling, Air-Tite Remodel Housing E1700A 6" Insulated Ceiling, Air-Tite Remodel Housing E1700ATNB 6" Insulated Ceiling, New Construction Housing, No Socket Bracket E1700ATNB 6" Insulated Ceiling, New Construction Housing, No Socket Bracket E1700ATNB 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket E1700ATNB 6" Insulated Ceiling, New Construction Housing, No Socket Bracket E1700ATNB 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing E1700ATNB 6" Non-IC, New Construction Housing E1700A 6" Non-IC, New Construction Housing E1700ATNB 6" Non-IC, New Construction Housing E1700A 6" Non-IC, New Construction Housing E1700ATNB 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27RICAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) E1270ATNB 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) E1270ATNB 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) E1270ANNB 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) E1270ANNB 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) E1270ANNB 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) E1270ANNB 6" Shallow, Insulated Ceiling, Air-Tite Remodel Hous			H7TNB	
H7UICAT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only) ### F1700AT 6" Insulated Ceiling, Air-Tite New Construction Housing ### F1700AT 6" Insulated Ceiling, Air-Tite New Construction Housing ### F1700AT 6" Insulated Ceiling, Air-Tite New Construction Housing ### F1700ATN 6" Insulated Ceiling, New Construction Housing, No Socket Bracket ### F1700ATN 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket ### F1700ATN 6" Insulated Ceiling, New Construction Housing, No Socket Bracket ### F1700U 6" Insulated Ceiling, Universal New Construction Housing ### F1700UAT 6" Insulated Ceiling, Universal New Construction Housing ### F1700 6" Non-IC, New Construction Housing ### F1700ATN 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) ### F170ATN 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) ### F170ATN 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) ### F170ATN 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) ### F170ATN 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) ### F170ATN 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) ### F170ATN 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) ### F170ATN 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) ### F170ATN 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) ### F170ATN 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) ### F170ATN 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) ### F170ATN 6" Shallow, Insulated Ceiling, Air-Tite New Construction Housing (use with 694X trims only) ### F170ATN 6" Shallow, Insulated Ceiling, Air-			H7TCP	6" Non-IC, Chicago Plenum, New Construction/Remodel Housing
All-Pro Standard Housings E1700AT 6" Insulated Ceiling, Air-Tite New Construction Housing			H7UICT	6" Insulated Ceiling, Universal New Construction Housing (use with 694X and 696X trims only)
EI700RAT 6" Insulated Ceiling, Air-Tite Remodel Housing			H7UICAT	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (use with 694X and 696X trims only)
EI700 6" Insulated Ceiling, New Construction Housing	All-Pro	Standard Housings	EI700AT	6" Insulated Ceiling, Air-Tite New Construction Housing
E1700R 6" Insulated Ceiling, Remodel Housing E1700ATNB 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket E1700NB 6" Insulated Ceiling, New Construction Housing, No Socket Bracket E1700U 6" Insulated Ceiling, Universal New Construction Housing E1700UAT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing E1700 6" Non-IC, New Construction Housing E1700R 6" Non-IC, New Construction Housing E1700R 6" Non-IC, Remodel Housing E1700R 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27ICAT 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) H27ICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27ICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27ICT 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27ICT 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27ICT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) H27ICT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) H27ICT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27ICT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) E12700 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) E12700 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) E12700 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) E12700 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only)			EI700RAT	6" Insulated Ceiling, Air-Tite Remodel Housing
EI700ATNB 6' Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket EI700U 6'' Insulated Ceiling, New Construction Housing EI700UAT 6'' Insulated Ceiling, Universal New Construction Housing EI700UAT 6'' Insulated Ceiling, Universal, Air-Tite, New Construction Housing EI700 6'' Non-IC, New Construction Housing EI700R 6'' Non-IC, Remodel Housing EI700R 6'' Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27ICAT 6'' Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27ICT 6'' Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) H27ICT 6'' Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27ICT 6'' Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27ICT 6'' Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27ICT 6'' Shallow, Non-IC, New Construction Housing (use with 694X trims only) All-Pro Shallow Housings EI2700AT 6'' Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) EI2700 6'' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) EI2700 6'' Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) EI2700 6'' Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI2700 6'' Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI2700 6'' Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI2700 6'' Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only)			EI700	6" Insulated Ceiling, New Construction Housing
FITOONB 6" Insulated Ceiling, New Construction Housing, No Socket Bracket FITOOU 6" Insulated Ceiling, Universal New Construction Housing FITOOUAT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing FITOO 6" Non-IC, New Construction Housing FITOOR 6" Non-IC, Remodel Housing H27ICAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27RICAT 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) AII-Pro Shallow Housings FI27OOAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) EI27OOA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only)			EI700R	6" Insulated Ceiling, Remodel Housing
E1700U 6" Insulated Ceiling, Universal New Construction Housing			EI700ATNB	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
EI700UAT 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing ET700 6" Non-IC, New Construction Housing ET700R 6" Non-IC, Remodel Housing H27ICAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27RICAT 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) EI2700A 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) EI2700R 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) ET2700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) ET2700 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) ET2700 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only)			EI700NB	6" Insulated Ceiling, New Construction Housing, No Socket Bracket
ET700 6" Non-IC, New Construction Housing ET700R 6" Non-IC, Remodel Housing Halo Shallow Housings H27ICAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27RICAT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27T 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) All-Pro Shallow Housing El2700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) El2700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) El2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) El2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) El2700R 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) El2700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)			EI700U	6" Insulated Ceiling, Universal New Construction Housing
Halo Shallow Housings H27ICAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27RICAT 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27T 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) E12700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) E12700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) E12700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) E12700R 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) E12700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)			EI700UAT	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing
Halo Shallow Housings H27ICAT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) H27RICAT 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) El2700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) El2700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) El2700R 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) El2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) El2700R 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)			ET700	6" Non-IC, New Construction Housing
H27RICAT 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27T 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) E12700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) E12700R 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) E12700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) E12700R 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)			ET700R	6" Non-IC, Remodel Housing
H27ICT 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27T 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) AlI-Pro Shallow Housing El2700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) El2700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) El2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) ET2700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)	Halo	Shallow Housings		
H27RICT 6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only) H27T 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) All-Pro Shallow Housing El2700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) El2700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) El2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) ET2700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)				
H27T 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only) H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) All-Pro Shallow Housings El2700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) El2700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) El2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) ET2700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)			H27ICT	6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only)
H27RT 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only) All-Pro Shallow Housings El2700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) El2700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) El2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) ET2700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)				6" Shallow, Insulated Ceiling, Remodel Housing (use with 694X trims only)
All-Pro Shallow Housings El2700AT 6" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 694X trims only) El2700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) El2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) ET2700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)				6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)
EI2700 6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only) EI2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) ET2700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)			H27RT	6" Shallow, Non-IC, Remodel Housing (use with 694X trims only)
EI2700R 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (use with 694X trims only) ET2700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)	All-Pro	Shallow Housings	EI2700AT	
ET2700 6" Shallow, Non-IC, New Construction Housing (use with 694X trims only)			EI2700	6" Shallow, Insulated Ceiling, New Construction Housing (use with 694X trims only)
			EI2700R	
ET2700R 6" Shallow, Non-IC, Remodel Housing (use with 694X trims only)			ET2700	
			ET2700R	6" Shallow, Non-IC, Remodel Housing (use with 694X trims only)

Halo LED Retrofit Enclosures

Brand	Туре	Catalog Number	Description	
Halo	Retrofit	ML7BXRFK	6" Retrofit Enclosure, Non-IC, BX Whip	
		ML7E26RFK	6" Retrofit Enclosure, Non-IC, E26 Screw base Interface	



Housing – Compatibility Continued

5" Trims: 592X, 593X, 594X, 595X, 596X (ML56 1200 Series not for use with 593TBZB, 593SNB, 594TBZB, 594SNB models.) (Note shallow housings for use with 594X trims only)

HALO - LED Housings with LED luminaire connector - high-efficacy compliant

Brand	Housing Type	Catalog Number	Description
Halo	alo Standard Housings H550ICAT		5" LED, Insulated Ceiling, Air-Tite, New Construction Housing
		H550RICAT	5" LED. Insulated Ceilina. Air-Tite. Remodel Housina

HALO and All-Pro - Incandescent E26 Screwbase Housings

Brand	Housing Type	Catalog Number	Description
Halo	Standard Housings	H5ICAT	5" Insulated Ceiling, Air-Tite New Construction Housing
		H5RICAT	5" Insulated Ceiling, Air-Tite Remodel Housing
		H5T	5" Non-IC, New Construction Housing
		H5RT	5" Non-IC, Remodel Housing
		H5TM	5" Non-IC, New Construction Housing (Canada)
All-Pro	Standard Housings	EI500AT	5" Insulated Ceiling, Air-Tite New Construction Housing
		EI500RAT	5" Insulated Ceiling, Air-Tite Remodel Housing
		ET500	5" Non-IC, New Construction Housing
		ET500R	5" Non-IC, Remodel Housing
Halo	Shallow Housings	H25ICAT	5" Shallow, Insulated Ceiling, Air-Tite New Construction (use with 594X trims only)

HOUSINGS - UL Classified for Retrofit Compatibility

6" Trims: 692X, 693X, 694	X, 695X, 696X	
Juno	IC22, IC22R, IC22W, IC22S, IC23, IC23W, TC2, TC2R, IC2	
Capri	CR1, PR1, QL1	
Elco	HL7ICA (EL7ICA)	
Lithonia	LC6, L7X	
Thomas	PS1	
Commercial Electric	C7ICA, H3	
Progress	P87-AT †	0.17
Lightolier	1104lCx †, 1104lC †	
† Requires ML7RAB retrofit adap	ter band (ordered separately); for use in housings without torsion springs.	

Juno®, Capri, Lightolier®, Lithonia Lighting®, Thomas® Lighting, Elco Lighting®, Progress® Lighting and Commercial Electric™ and their product brand names, where identified above, are tradenames or trademarks of each respective company

ML56 1200 Series Compliance Table

80 CRI LED Modules with ML56 Trims

	ML5612827	ML5612830	ML5612835	ML5612840
593BB	ES, T24NR, WSEC, IECC			
693BB	ES, T24NR, WSEC, IECC	ES, T24NR, WSEC, JECC	ES, T24NR, WSEC, IECC	ES, T24NR, WSEC, IECC
593TBZB	ES, T24NR, WSEC, IECC			
693TBZB	ES, T24NR, WSEC, IECC			
593SNB	ES, T24NR, WSEC, IECC			
693SNB	ES, T24NR, WSEC, IECC			
592H	ES, T24NR, WSEC, IECC			
593WB	ES, T24NR, WSEC, IECC			
592SC	ES, T24NR, WSEC, IECC			
592W	ES, T24NR, WSEC, IECC			
595WW	ES, T24NR, WSEC, IECC			
695WW	ES, T24NR, WSEC, IECC			
692H	ES, T24NR, WSEC, IECC			
692W	ES, T24NR, WSEC, IECC			
692SC	ES, T24NR, WSEC, IECC			
693WB	ES, T24NR, WSEC, IECC			
596WB	ES, T24NR, WSEC, IECC			
694TBZB	ES, T24NR, WSEC, IECC			
696WB	ES, T24NR, WSEC, IECC			
594TBZB	ES, T24NR, WSEC, IECC			
694SNB	ES, T24NR, WSEC, IECC			
594SNB	ES, T24NR, WSEC, IECC			
694WB	ES, T24NR, WSEC, IECC			
594WB	ES, T24NR, WSEC, IECC			
594WB-30	ES, T24NR, WSEC, IECC			
694WB-30	ES, T24NR, WSEC, IECC			

Code Descriptions:

ES = ENERGY STAR® Certified Luminaire **T24NR** = May be used for California Title 24 Non-Residential LED luminaire

IECC = International Energy Conservation Code "High Efficacy" WSEC = Washington State Energy Code - "High Efficacy" Luminaire



ML56 1200 Series Lumen Table

80 CRI LED Modu	les with ML56 trims	ML561	2827	ML56	612830	ML561	2835	ML561	2840
	Trim Catalog #	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
0° Tilt Angle	593BB	900.9	51.5	1014.1	57.9	1027.9	58.7	1109.7	63.4
	693BB	1008.2	57.6	1134.9	64.9	1150.3	65.7	1241.9	71.0
	593TBZB	1017.8	58.2	1145.8	65.5	1161.3	66.4	1253.8	71.6
	693TBZB	1048.0	59.9	1179.7	67.4	1195.7	68.3	1290.9	73.8
	593SNB	1115.5	63.7	1255.8	71.8	1272.8	72.7	1374.1	78.5
	693SNB	1162.5	66.4	1308.7	74.8	1326.5	75.8	1432.1	81.8
	592H	1285.6	73.5	1447.2	82.7	1466.8	83.8	1583.6	90.5
	593WB	1310.9	74.9	1475.7	84.3	1495.7	85.5	1614.8	92.3
	592SC	1327.8	75.9	1494.7	85.4	1515.0	86.6	1635.6	93.5
	592W	1331.4	76.1	1498.8	85.6	1519.1	86.8	1640.0	93.7
	595WW	1336.2	76.4	1504.2	86.0	1524.6	87.1	1646.0	94.1
	695WW	1337.4	76.4	1505.6	86.0	1526.0	87.2	1647.5	94.1
	692H	1342.2	76.7	1511.0	86.3	1531.5	87.5	1653.4	94.5
	692W	1363.9	77.9	1535.4	87.7	1556.2	88.9	1680.1	96.0
	692SC	1368.8	78.2	1540.9	88.0	1561.7	89.2	1686.1	96.3
	693WB	1376.0	78.6	1549.0	88.5	1570.0	89.7	1695.0	96.9
	596WB	1380.8	78.9	1554.4	88.8	1575.5	90.0	1700.9	97.2
	694TBZB	1385.6	79.2	1559.9	89.1	1581.0	90.3	1706.9	97.5
	696WB	1411.0	80.6	1588.4	90.8	1609.9	92.0	1738.1	99.3
	594TBZB	1412.2	80.7	1589.7	90.8	1611.3	92.1	1739.6	99.4
	694SNB	1425.4	81.5	1604.7	91.7	1626.4	92.9	1755.9	100.3
	594SNB	1447.2	82.7	1629.1	93.1	1651.2	94.4	1782.6	101.9
	694WB	1468.9	83.9	1653.5	94.5	1676.0	95.8	1809.4	103.4
	594WB	1477.3	84.4	1663.0	95.0	1685.6	96.3	1819.8	104.0
30° Tilt Angle	594WB-30	1396.5	79.8	1572.1	89.8	1593.4	91.1	1720.3	98.3
	694WB-30	1374.8	78.6	1547.6	88.4	1568.6	89.6	1693.5	96.8

Photometry 5" Trims • 1200 Series • 80 CRI

Multiplier Table

CCT Option	2700 K	3000 K	3500 K	4000 K
CCT Multiplier	0.888	1.000	1.014	1.094

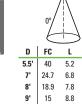
Table based upon testing with 3000°K color temperature, 80CRI.

Multipliers may be used to determine relative lumen values with other color temperatures

ML5612830-592SC

Test Number	P129764			
Light Module	1200 Series, 80CRI			
Trim	5" Aperture, Specular Clear Trim			
Lumens	1495 Lm			
Efficacy	86.4 Lm/W			
SC	0.98			





w

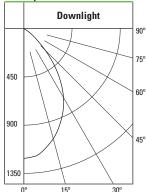
5.2

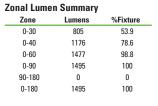
7.8

8.8

Cone of Light

Candlepower Distribution



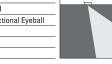


10' 12.1 9.8 9.8

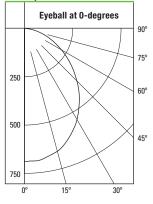
8.4 11.6

ML5612830-594WB

Test Number	P129820
Light Module	1200 Series, 80CRI
Trim	5" Aperture, Directional Eyeball
Lumens	1663
Efficacy	96.1 Lm/W
SC	1.18



Candlepower Distribution



Zonal	Lumen	Summary
-------	-------	---------

Zone	Lumens	%Fixture
0-30	521	31.3
0-40	829	49.9
0-60	1371	82.4
0-90	1663	100
90-180	0	0
0-180	1663	100

30° Horizontal Plane		30°	CB	
D	FC	L	W	CB
5.5'	19.8	6.3	6.4	3.2
7'	12.2	8.1	8.2	4
8'	9.4	9.3	9.4	4.6
9'	7.4	10.5	10.6	5.2
10'	6	11.6	11.8	5.8
12'	4.2	14	14.2	6.9

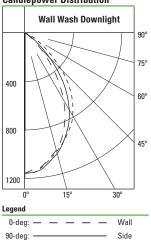
Ve	30° rtical lane	30°		CB
D	FC	L	w	СВ
1'	368.1	1.1	1.2	1.7
2'	92	2.2	2.6	3.5
3'	40.9	3.5	3.8	5.2
4'	23	4.6	5.2	6.9
5'	14.7	5.7	6.4	8.7
6'	10.2	6.9	7.8	10.4

 $Photometric\ tests\ are\ per\ IES\ measurement\ standards.\ Tests\ represent\ typical\ fixture\ performance.\ Field\ results\ may\ vary.$



Photometry 5" Trims • 1200 Series • 80 CRI

Candlepower Distribution



ML5612830-595WW

Test Number	P129844
Light Module	1200 Series, 80CRI
Trim	5" Aperture, Wall Wash with Specular Clear Trim and Specular Clear Kick Reflector
Lumens	1504
Efficacy	86.9 Lm/W
SC	0.98



Zonal Lume	n Summary
Zone	Lumens

Zone	Lumens	%Fixture
0-30	774	51.5
0-40	1139	75.7
0-60	1469	97.7
0-90	1504	100
90-180	0	0
0-180	1504	100

Single Unit Footcandles

2.5' From Wall (Distance From Fixture Along Wall)

2.3 FIGHT VVAII (DISTAILCE FIGHT FIXTURE Along VVAII)							
DD		1'	2'	3'	4'	5'	6'
1'	5.1	3.4	1.4	0.4	0.1	0	0
2'	19.6	13.9	5.9	1.8	0.5	0.2	0.1
3'	23.9	19.2	10.2	4.1	1.5	0.5	0.2
4'	17.8	15.6	10.7	5.6	2.5	1.1	0.4
5'	12.1	11.1	8.6	5.6	3.2	1.5	0.7
6'	8.3	7.7	6.5	4.7	3.2	1.9	1
7'	5.8	5.5	4.8	3.8	2.8	1.9	1.1
8'	4.2	4	3.6	3	2.4	1.7	1.2
9'	3.1	3	2.7	2.3	2	1.5	1.1
10'	2.3	2.3	2.1	1.8	1.6	1.3	1

Multiple Unit Footcandles

2.5' From Wall (Distance From Fixture Along Wall)

DD		3'			4'	
1'	5.6	4.5	5.6	5.3	2.7	5.3
2'	21.4	18.9	21.4	20.1	11.8	20.1
3'	28	29.4	28	25.4	20.5	25.4
4'	23.4	26.4	23.4	20.3	21.5	20.3
5'	17.7	19.8	17.7	15.3	17.2	15.3
6'	13	14.2	13	11.4	13	11.4
7'	9.5	10.2	9.5	8.6	9.6	8.6
8'	7.1	7.5	7.1	6.5	7.2	6.5
9'	5.4	5.7	5.4	5	5.5	5
10'	4.2	4.4	4.2	3.9	4.2	3.9

Photometry 5" Trims • 1200 Series • 80 CRI • NFL Lens

Multiplier Table

CCT Option	2700 K	3000 K	3500 K	4000 K
CCT Multiplier	0.888	1.000	1.014	1.094

Table based upon testing with 3000 $^{\circ}$ K color temperature, 80CRI.

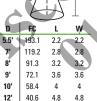
Multipliers may be used to determine relative lumen values with other color temperatures.

ML5612830-BFR56NFL-592H

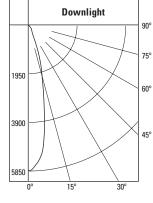
163t Mullipei	1 100070
Light Module	1200 Series, 80CRI, NFL optic
Trim	5" Aperture, Haze Trim
Lumens	1478
Efficacy	85.4 Lm/W
SC	0.41



Cone of Light



Candlepower Distribution



Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	1289	87.2
0-40	1428	96.6
0-60	1475	99.8
0-90	1478	100
90-180	0	0
0-180	1478	100

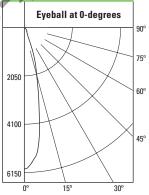
ML5612830-BFR56NFL-594WB

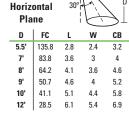
Test Number	P130442
Light Module	1200 Series, 80CRI, NFL optic
Trim	5" Aperture, Directional Eyeball
Lumens	1698
Efficacy	98.2 Lm/W
SC	0.4



30°

Candlepower Distribution

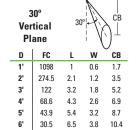




−СВ-

Zonal Lumen Summary

_	Zuliai Lullieli Sullillai y				
	Zone	Lumens	%Fixture		
	0-30	1291	76.1		
	0-40	1428	84.1		
	0-60	1638	96.5		
	0-90	1698	100		
	90-180	0	0		
	0-180	1698	100		



Photometric tests are per IES measurement standards. Tests represent typical fixture performance. Field results may vary.



Photometry 6" Trims • 1200 Series • 80 CRI

Multiplier Table

CCT Option	2700 K	3000 K	3500 K	4000 K	
CCT Multiplier	0.8883	1.0000	1.0136	1.0943	

Table based upon testing with 3000°K color temperature, 80CRI.

Multipliers may be used to determine relative lumen values with other color temperatures.

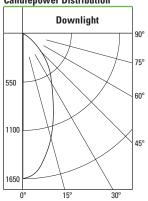
ML5612830-692SC

P129860
1200 Series, 80CRI
6" Aperture, Specular Clear Trim
1541
89.1 Lm/W
0.74



Cone of Light

Candlepower Distribution



	6	1	
D	FC	L	W
5.5'	54.5	4	4
7'	33.7	5	5
8'	25.8	5.8	5.8
9'	20.4	6.6	6.6
10'	16.5	7.2	7.2
12'	11.5	8.8	8.8

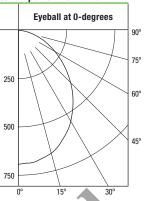
Zonai Lumen Summary			
Zone	Lumens	%Fixture	
0-30	860	55.8	
0-40	1194	77.5	
0-60	1521	98.7	
0-90	1541	100	
90-180	0	0	
0-180	1541	100	

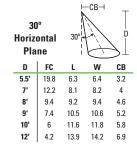
ML5612830-694WB

Test Number	P129916	
Light Module	1200 Series, 80CRI	
Trim	6" Aperture, Directional Eyeball	
Lumens	1654	
Efficacy	95.6 Lm/W	
SC	1.17	



Candlepower Distribution



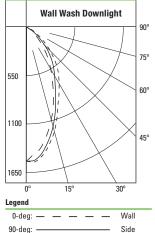


Uliai Lullieli Sullillary				
Zone	Lumens	%Fixture		
0-30	521	31.5		
0-40	828	50.1		
0-60	1366	82.6		
0-90	1654	100		
90-180	0	0		
0-180	1654	100		

30° Vertical Plane		30°	Y	CB CB	
	D	FC	L	w	СВ
	1'	367.1	1.1	1.2	1.7
	2'	91.8	2.2	2.6	3.5
	3'	40.8	3.5	3.8	5.2
	4'	22.9	4.7	5.2	6.9
	5'	14.7	5.7	6.4	8.7
	6'	10.2	6.9	7.8	10.4

 \vdash D \dashv

Candlepower Distribution



Room

SC	0.76	

ML5612830-695WW

Test Number

Light Module

Lumens

Efficacy

Single Unit Footcandles 2.5' From Wall (Distance From Fixture Along Wall)

P129940 1200 Series, 80CRI

1506

87 Lm/W

		Distalle		IXLUI G F	nong vv	4117	
DD		1'	2'	3'	4'	5'	6'
1'	4.2	2.5	0.9	0.3	0.1	0	0
2'	18.3	13.1	5.6	1.7	0.5	0.1	0
3'	21.6	17	9.5	4.1	1.5	0.5	0.2
4'	16.6	14.2	9.6	5.3	2.5	1.1	0.5
5'	11.9	10.6	7.8	5.1	3	1.5	0.8
6'	8.5	7.7	6	4.3	2.9	1.7	1
7'	6.4	5.8	4.7	3.5	2.5	1.7	1.1
8'	4.8	4.4	3.7	2.9	2.1	1.5	1.1
9'	3.7	3.5	2.9	2.3	1.8	1.3	1
10'	2.9	2.7	2.4	1.9	1.5	1.2	0.9

6" Aperture, Wall Wash with Specular Clear and Specular Clear Kick Reflector

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	821	54.5
0-40	1147	76.2
0-60	1473	97.8
0-90	1506	100
90-180	0	0
0-180	1506	100

Multiple Unit Footcandles

2.5' From Wall (Distance From Fixture Along Wall)

DD		3'			4'	
1'	4.5	3.1	4.5	4.3	1.8	4.3
2'	20	17.7	20	18.8	11.2	18.8
3'	25.7	26.2	25.7	23.2	19	23.2
4'	21.9	23.8	21.9	19.1	19.1	19.1
5'	16.9	18.3	16.9	14.8	15.6	14.8
6'	12.8	13.8	12.8	11.4	12.1	11.4
7'	9.9	10.5	9.9	8.9	9.4	8.9
8'	7.7	8.1	7.7	7	7.3	7
9'	6	6.4	6	5.5	5.8	5.5
10'	4.8	5.1	4.8	4.4	4.7	4.4

Photometric tests are per IES measurement standards. Tests represent typical fixture performance. Field results may vary.



180-deg:

Photometry 6" Trims • 1200 Series • 80 CRI • NFL Lens

Multiplier Table

CCT Option	2700 K	3000 K	3500 K	4000 K
CCT Multiplier	0.888	1.000	1.014	1.094

Table based upon testing with 3000°K color temperature, 80CRI.

Multipliers may be used to determine relative lumen values with other color temperatures.

ML5612830-BFR56NFL-692H

Test Number	P130474		
Light Module	1200 Series, 80CRI, NFL optic		
Trim	6" Aperture, Haze Trim		
Lumens	1543		
Efficacy	89.2 Lm/W		
SC	0.41		

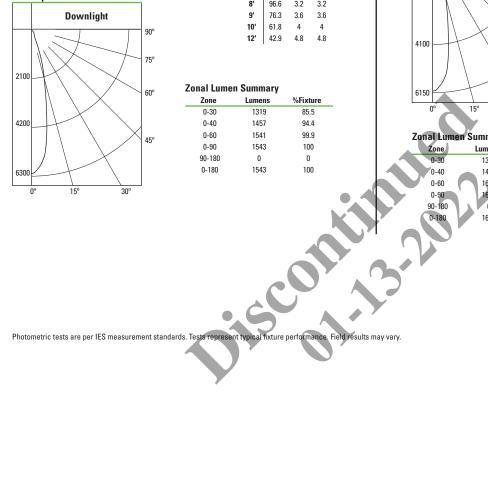


	Г
V	

	0°/	D	
D	FC	L	W
5.5'	204.4	2.2	2.2
7'	126.2	2.8	2.8
8'	96.6	3.2	3.2
9'	76.3	3.6	3.6
10'	61.8	4	4
12'	42.9	4.8	4.8

Cone of Light

Candlepower Distribution



Zonal Lumen Summary

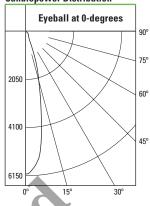
Zone	Lumens	%Fixture		
0-30	1319	85.5		
0-40	1457	94.4		
0-60	1541	99.9		
0-90	1543	100		
90-180	0	0		
0-180	1543	100		

ML5612830-BFR56NFL-694WB

Test Number	P130538
Light Module	1200 Series, 80CRI, NFL optic
Trim	6" Aperture, Directional Eyeball
Lumens	1688
Efficacy	97.6 Lm/W
SC	0.41



Candlepower Distribution



30°	
Horizontal	
Plane	

Horizontal Plane		30° r		<u> </u>
D	FC	L	W	CB
5.5'	138.1	2.8	2.4	3.2
7'	85.2	3.6	3.2	4
8'	65.3	4.1	3.6	4.6
9'	51.6	4.7	4	5.2
10'	41.8	5.2	4.6	5.8
12'	29	6.2	5.4	6.9

Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30	1315	77.9
0-40	1456	86.2
0-60	1661	98.4
0-90	1688	100
90-180	0	0
0-180	1688	100

	30° Vertical Plane		30° CB		
	D	FC	L	w	СВ
ľ	1'	1120.1	1	0.6	1.7
	2'	280	2	1.2	3.5
	3'	124.5	3.1	2	5.2
	4'	70	4.2	2.6	6.9
	5'	44.8	5.3	3.2	8.7
	6'	31.1	6.3	4	10.4

 \vdash D \dashv \top