



6"



**MOS-6614**  
Reflector with  
Frosted Glass Lens



**MOS-6607**  
Wall Wash Reflector  
with Diffuse Lens



**MOS-6601**  
Open Reflector



**EX-TL-6614**  
Trimless Reflector with  
Frosted Glass Lens

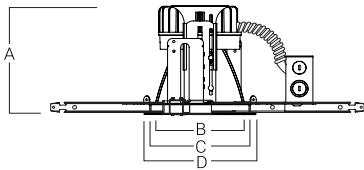
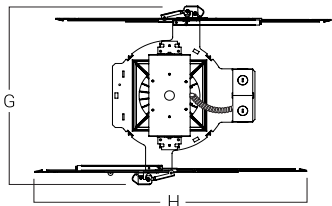


**EX-TL-6607**  
Trimless Wall Wash Reflector  
with Diffuse Lens



**EX-TL-6601**  
Trimless Open  
Reflector

REFLECTOR/  
FLANGE COLORS



A: Height = 7-3/8"  
B: Trim Aperture = 6"  
C: Cut-Out = 6-1/2"  
D: Trim Outside Dia = 7-1/8"  
G: Flange = 16"  
H= Max: 32" Min:21"

NOMINAL	ELITE	LUMENETIX	LED ENGIN
2500	30 W	-	-
2000	24 W	30 W	29 W
1500	18 W	20 W	-
1200	14 W	18 W	-
1100	-	-	15 W
900	10 W	-	-

Based on 4000K, 90CRI with semi-specular chrome reflector.  
Actual wattage may vary +/-5%

**DYNAMIC PLATFORM**

**SMART WHITE** - Tunable White with Smart White technology allows the tuning of luminaires to mimic the natural color patterns throughout the day, enhancing interior office spaces, hospitality, and architectural elements. Tuning of intensity and color in classrooms enables a diversification in student activities, while the use of tunable white technology in healthcare stimulates circadian rhythm, accelerating the healing process. Complementary colors and textures in retail merchandising also has an impact on sales, utilizing the technology to adjust colors throughout the season. A CRI of 90+ is standard, and available on all three platforms. Elite Platform (50K-27K), Lumenetix Platform (80K-16K) and LED Engin Platform (65K-18K)

<b>LUMENS</b>	Elite Platform: 900, 1200, 1500, 2000 & 2500 Lumenetix Platform: 1200, 1500 & 2000 LED Engin Platform: 1100 & 2000
<b>TUNABLE WHITE PLATFORM</b>	High Performance: TWH-50K-27K (50K to 27K) Lumenetix: TWH-LTX-80K-16K (80K to 16K) LED Engin: TWH-LENGN-65K-18K (65K to 18K)
<b>CRI</b>	90+ Standard
<b>COLOR QUALITY</b>	2 Step MacAdam Ellipse
<b>DISTRIBUTIONS</b>	MD (Medium Distribution) - 45° visual cutoff
<b>TRIM OPTIONS</b>	Downlight, Wall Wash, Wet Location
<b>REFLECTOR COLORS</b>	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), WT (Wheat), WH (White), MB (Black)
<b>FLANGE COLORS</b>	Self-flanged WH (White), SCH (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), MB (Black) and TL (Trimless)
<b>DIMMING</b>	1% Dimming Standard, 0-10V (DIM10), DMX-512 DMX-RDM, BLE, LUTH, DALI, DLM
<b>EMERGENCY</b>	10W - Up to 1000L Output (Bodine BSL310) 20W - Up to 2000L Output (Bodine BSL20)
<b>LIFETIME</b>	L70 at 102,000 Hours
<b>PHOTOMETRIC TESTS</b>	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

MD: Medium  
Candlepower Distribution Curve



Reference IES files for additional distribution curve information.





**FEATURES**

A highly sustainable and ultra-efficient architectural LED downlight that provides even, glare-free illumination. Available in a range of finishes and lumen packages, it is ideally suited for use in corporate office space, hospitality, healthcare, commercial, academic, churches and retail.

**OPTICS AND REFLECTOR**

The reflector has a 45° cutoff, and is shipped standard with a Solite lens in a smooth frosted finish. It is spun from 0.05" thick aluminum, has a 1-step anodized finish, and is available in different colors or custom RAL finishes. Reflector trim options include self-flanged and white painted flange.

**THERMAL MANAGEMENT SYSTEM**

Passive cooling Diecast Aluminum Heat Sink, LED light engine and driver are replaceable, upgradeable, and can be accessed from below the ceiling. The consistency in the quality of light is delivered with precision performance by the use of a unique locking mechanism that aligns the reflector with the light engine.

**MOUNTING FRAME & BRACKET**

The downlight mounting frame is a fabricated assembly constructed of 16-gauge steel, with C-channel mounting brackets, included. The versatility of the mounting bracket allows for an adjustability of up to 28" horizontally, and 2-3/4" vertically, locking into place. With the added die-formed construction of the mounting frame, it provides maximum heat dissipation and rust protection.

**DRIVER ELECTRICAL INFORMATION**

The LED driver is rated for 50 to 60Hz at 120V/277V input, produces less than 20%THD, has a power factor between 90% and 100%, and is thermally protected for additional safety. Junction box and Driver can be accessed from below the ceiling and above the ceiling. Junction Box is Listed for through branch circuit wiring.

**DIMMING & DRIVER INFORMATION**

**SMART WHITE** High Performance platform with a tuning range of 5000K to 2700K (TWH-50K-27K).

Control via DIM10 (0-10V), ELITE-CONNECT 0-10V, LUTRON, DMX512-RDM, DALI

**LED Engine** platform with tuning range of 6500K to 1800K (TWH-LENGN-65K-18K).

Control via DIM10, ELITE-CONNECT 0 10V, DMX512, DMX-RDM, BLE, DALI

**LUMENETIX** (Araya5 Module) platform with tuning range of 8000K to 1650K (TWH-LTX-80K-16K). For simple deployment, Lumenetix platform allows up to five scenes to be pre-programmed into the module and recalled at the venue using a 0 -10V. Lumenetix App. Commissioning of the module and re-programming of Scenes are done via the wireless Lumenetix App Via Smartphone that connects to the embedded radio.

Control via DIM10, DMX512-RDM, LUTH, BLE, DALI, DLM Junction box and Driver can be accessed from below the ceiling and above the ceiling. Junction Box is Listed for through branch circuit wiring.

**WARRANTY**

Five-year warranty for parts and components. (Labor not included)

**LISTINGS**

c-UL-us - Listed for Wet Location except if used with MOS-6601 Trim.

c-UL-us - Listed for Feed Through Wiring.

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

U.S Patent No. - D685,118S



Example: **HH6SQ-LED-TWH-50K-27K-900L-DIM10-120-MD-90-MOS-6601-CL-WH**

SERIES	LUMENS	DRIVER	VOLTAGE		EMERGENCY	TRIM TYPE	REFLECTOR/TRIM- FINISH	WALL MOUNT CONTROLLER
HH6SQ-LED-TWH-50K-27K	<input type="checkbox"/> 900L <input type="checkbox"/> 1200L <input type="checkbox"/> 1500L <input type="checkbox"/> 2000L <input type="checkbox"/> 2500L	<input type="checkbox"/> DIM10* <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> DALI <input type="checkbox"/> LUTH <sup>2</sup>	<input type="checkbox"/> 120 <input type="checkbox"/> 277 <input type="checkbox"/> MVOLT		<input type="checkbox"/> EMG-LED-10W <input type="checkbox"/> EMG-LED-20W  Typical lumen output of the luminaire is up to 1000L with EMG-LED-10W option & 2000L with EMG-LED-20W option in emergency mode. Contact the factory for details. Remote mounted installation	<input type="checkbox"/> MOS-6601 <input type="checkbox"/> MOS-6607 <input type="checkbox"/> MOS-6614 <input type="checkbox"/> MOS-6615	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-WH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> WT-WH <input type="checkbox"/> WH-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> CL-MB	<input type="checkbox"/> EC-WC-TWH-HW-MVOLT <sup>1</sup>
HH6SQ-LED-TWH-LTX-80K-16K	<input type="checkbox"/> 1200L <input type="checkbox"/> 1500L <input type="checkbox"/> 2000L	<input type="checkbox"/> DIM10 <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM <input type="checkbox"/> BLE **					<b>TRIMLESS FINISH</b> <input type="checkbox"/> SHZ <input type="checkbox"/> CL	
HH6SQ-LED-TWH-LENGN-65K-18K	<input type="checkbox"/> 1100L <input type="checkbox"/> 2000L	<input type="checkbox"/> DIM10 <input type="checkbox"/> DMX-512 <input type="checkbox"/> DMX-RDM	<input type="checkbox"/> DALI <input type="checkbox"/> BLE **	<b>OPTICS</b> <input type="checkbox"/> MD	<b>CRI</b> <input type="checkbox"/> 90+	<input type="checkbox"/> EX-TL-6607 <input type="checkbox"/> EX-TL-6614 <input type="checkbox"/> EX-TL-6615		

\* For 0-10V driver you must dedicate two control inputs, one for the Dimming Control and another for CCT Tuning.

\*\* For Details Consult Factory

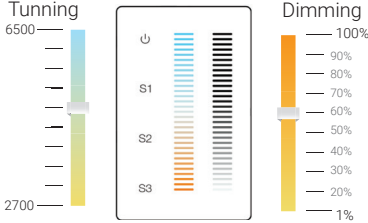


<sup>1</sup> Compatible with Elite 0-10V Platform and LED Engine 0-10V Platform    <sup>2</sup> (Lutron T Series 2 Channel Tunable White)





**CONTROL OPTIONS**

With the integration of controls, Elite Lighting now offers its products with controls-ready performance that increases energy efficiency, smarter space planning, and the enhancement of safety and productivity in the workplace. By utilizing these controls, Elite Lighting luminaires enable your customer's facility to run smarter, with the use of an easily controlled system through any platform.

CONTROL PROTOCOLS	SMART WHITE	LEDENGIN	LUMENETIX	
<p><input type="checkbox"/> <b>ELITE-CONNECT</b> (EC-WC-TWH-HW-MVOLT) - Hard-wired, 0-10V, 120/277V wall mounted controller for CCT Tuning and Intensity Dimming through Simple Touch screen pad, provided by Elite Lighting. Programmable for up to 3-scenes, with a dimming range down to 1%. Applicable for office spaces, hospitality, educational, healthcare, and retail merchandising.</p> 	✓	✓	N/A	
<p><input type="checkbox"/> <b>DIM10</b> (0-10V 1% Dimming Standard) In order to Control the Color Tuning and dimming option with 0-10V driver you must dedicate two control inputs, one for the Dimming Control and another for CCT Tuning. Can be dimmed and tuned with 2 wall box dimmers and compatible with most control systems and/or daylight harvesting systems.</p> <p><input type="checkbox"/> <b>DIM10-LUTRON</b> Compatible with Lutron GRAFIK Eye QS or GRAFIK Eye 3000 by using two GRX-TVI Lutron 0-10V Dimming interfaces; one to tune and another to control dimming. Also compatible with Lutron VIVE system by using two FCJS-010 PowPak or FCJS-ECO EcoSystem PowPak modules per fixture; one to tune and one to control dimming.</p> 	✓	✓	✓	
<p><input type="checkbox"/> <b>DMX</b> (Available on Elite, LED Engin and Lumenetix platforms) - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.</p>	✓	✓	✓	
<p><input type="checkbox"/> <b>LUTECO</b> Compatible with Lutron EcoSystem. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems.</p>	✓	N/A	✓	
<p><input type="checkbox"/> <b>BLE</b> - Dimming and CCT can be controlled via Bluetooth using an app, via Smartphones or tablets. Lumenetix (Araya5 Module) platform has a range of 8000K to 1650K (RGBW-LTX-80K-16K). For simple deployment, Lumenetix platform allows up to five scenes to be pre-programmed into the module and recalled at the venue using the Lumenetix App. Commissioning of the module and reprogramming of scenes are done via the wireless Lumenetix App, via Smartphone that connects to the embedded radio control via DMX512-RDM, LUTECO, BLE, DALI, DLM.</p>		N/A	✓	✓
<p><input type="checkbox"/> <b>DALI</b> Compatible with Digital Addressable Lighting Interface, available with two options: DT6 and DT8.</p>	✓	✓	✓	
<p><input type="checkbox"/> <b>DLM</b> The combination of the Blanco 3 with DLM from Legrand Wattstopper enables simple commissioning, synonymous with DLM and the enhanced features and flexibility.</p>	N/A	N/A	✓	