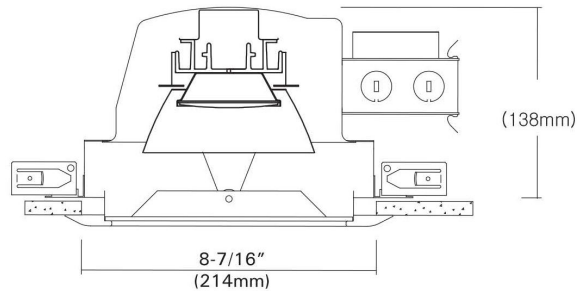


LEDH-S8

For LED 8" Square Aperture, COB Chip

Catalog #		Type
Project		Date
Prepared by		

8" LED-SQUARE



DESCRIPTION

Ceiling Cut-out : 8-1/16" S.Q

The LEDH-S8 is a 8" square aperture housing for accent and provided solid state LED panel with aluminum cast heat sink in concealed reflector for designed cutoff. The electronic driver on junction box can be replaced through below ceiling but designed for long life operation. Long life with 50,000 hours maintain 70% of initial lumens, low energy consumption are major purpose.

DESIGN FEATURES

Housing

- White painted steel housing.
- Height allows use in 2"X6" joist construction.
- Housing adjusts for ceilings up to 1-1/4" thick.

Mounting Frame

- Galvanized steel construction.

LED Module

- Aluminum extruded Heat sink designed to facilitate heat dissipation to reduce LED junction temperature for maintaining constant light output, color and life of solid state components.
- Module construction includes LED, heat sink and lens.

Junction Box

- Listed for through branch circuit wiring. (Max.8 No 12 AWG 90°C branch circuit conductors. (4 in, 4 out)
- (5) 1/2" knockouts with true pry-out slots and (4) knockouts with Romex cable clamp.
- Ground wire provided on J-box.

Bar Hangers

- 24" Bar Hangers provide stability and support on joists and T-Bar Grid ceilings.
- Housing can be positioned at any point within 24" joist span.
- Score lines allow "toolless" shortening for 12" joists.

LED Power Supply

- Universal, 120~277V input, high efficacy drivers with dimming capability by ① a Triac 120V low voltage electronic dimmer switches or ② 0-10V, Triac & ELV dimmer switches.
- Drivers feature power factor >.90, THD <20% with integral thermal protection to sense over temperature or electrical issues.
- Driver mounts externally to the module to allow future replacement or upgrading if desired.
- Optional Lutron Hi-lume A-Series, LED drivers and EcoSystem 5-Series LED drivers are available. Lutron drivers provide flicker-free, smooth, continuous dimming down to 1% for Hi-lume and 5% for EcoSystem. (Contact factory for dimming system requirements)

Limited Warranty

- LED Module: 5 years/50K hours

Listing

- ETL Listed.
- State of California Title 24
- ENERGY STAR qualified.

SPECIFICATION	
Input Voltage	120-277VAC
Wattage (+/-5%)	14W 23W
Lumen (+/-5%)	760 1,432
Efficacy (LPW)	52.7 54.8
Beam Angle	33° 75°
CRI (Typical)	80
CCT (Color +/-5%)	2700K, 3000K, 3500K, 4000K
Dimming	Triac (Standard), 0-10V Optional Lutron Drivers
LED Module	5 yr/50K hr
Environment	Damp Location

Triac Approved Dimmers
* Lutron: NovaT (Ntelv 300&600) Diva (Dvelv-300P&303P)
* Leviton: Acenti: Ate06-1Lw
* Leviton Trimatron #705W (incandescent)
0-10V Approved Dimmers
* Lutron: Nova® 0-10V : NTFTV Diva® 0-10V : DVTV
* Leviton: Decora 0-10V : IP710DL
Consult tech. service or factory for additional dimmers

TRIMS

QT-835

White Square Trim w/ Flat Frosted Lens
 Frame : 9-3/8" SQ



QT-835-WH

Ordering Information

Housing	-Watts	Color Temp.*	Driver	Trim	Trim Ring
LEDH-S8	-14 = 14W -23 = 23W	27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	UTD = 120-277VAC, Triac: 10-100% Dimming UZTD = 120-277V, 0-10V, Triac & ELV: 1-100% Dimming L1D = Lutron Hi-Lume 1% Dimming L5D = Lutron EcoSystem 5% Dimming LTE = Lutron Hi-Lume 1% 2-Wire dimming	QT-835	WH = White

Example : LEDH-S8-23-30-UTD

QT-835-WH

* Consult factory for other Color Temperatures and Finishes