



8" Commercial Frame-in Kit

ROUND



Baffle w/ Reflector (TR8B)



Open Reflector (TR8R)



Wall Wash w/ Kick-off Plate (TR8WW)



Baffled lens w/ Reflector (TR8BL)



Reflector w/ Frosted Floating Lens (TR8RFL)



Reflector w/ Regressed Lens (TR8RL)

NOTE: All trims are damp location rated.
Regressed lens trims are wet location listed.



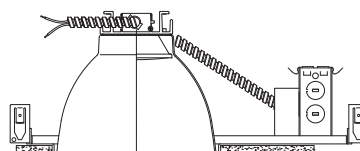
Ceiling Cut-out: 8-1/8"

LCD8 DESCRIPTION

8" commercial frame-in kits are (with LED module and integral reflector) are designed for use in non-insulated ceilings. Insulation material must be kept a minimum of 3" from fixture. High efficacy LED with dimmable driver and special optical diffuser allows high lumen transmission and light uniformity.

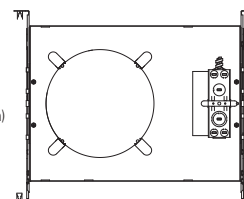
LED Quantity	1EA(COB)			
Input Voltage	120-277V AC			
Light Engine	13	20	30	41
Wattage	14W	23W	30W	45W
Lumen	1362	2084	3088	4145
Efficacy LPW	98	91	95	98
Beam Angle°	48°	52°	52°	52°
Color	2700K, 4000K			
CRI	80 (standard)			
Dimming	0-10V Standard			
Lamp Life	Rated for 50,000 hrs at 70% lumen maintenance			

7-7/8"
(201.6mm)



7-5/8"
(193.7mm)

11-5/16"
(287.2mm)



15-3/8"
(390mm)

Ordering Information

Luminaire Prefix	Light Engine Lumens (nom.)	Source	Color Temp.	Beam Angle	Voltage	Trim ¹	Reflector Finish	Baffle	Optional Metal Trim Ring Finish	Options
LCD8 - 8"	13	LED	27 - 2700K	13	UE - Universal Input Voltage (120-277V)	TR8R - Open	(Self-Flanged)	BL - Black	WH - White	EM - Emergency Battery field installation
Architectural	20		30 - 3000K	22 - 22° Spot		TR8B - Baffle	SF HAZ - Semi Diffused / Satin ³			
Downlight	30		35 - 3500K	26 - 26°		TR8BL - Baffle Lens	SF SPC - Specular Clear ^{3,4}			
	41		40 - 4000K	26 - 26°		TR8RL - Regressed Lens	SF CH - Champagne ³			
				Narrow Flood		TR8RFL - Frosted Floating Lens	SF PW - Pewter ³			
				48 - 48° Flood			(Flangeless - Requires Trim Ring)			
				52 - 52° Flood			HAZ - Semi Diffused / Satin			
				62 - 62° Wide Flood		TR8RWW - Wall Wash	SPC - Specular Clear ⁴			
				75 - 75° Wide Flood						

NOTE: For use with TR8B & TR8BL only

Note: White plastic trim ring supplied standard. Optional metal trim rings available.

NOTE: Not available with "SF" Option

SELECTION:

LCD8

LED

Example: LCD8 - 41 - LED - 30 - 52 - UE - TR8R - SF - HAZ - EM

- 1- All trims are damp location rated. Regressed lens trims are wet location listed.
- 2- Accessories are field installed.

- 3 - Self Flanged reflectors available with open trims only.
- 4 - SPC finish not available with wall wash trims.



Project Name _____ Fixture Type _____ Cat# _____

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8" Commercial Frame-in Kit

LCD8 Features & Benefits

Mounting Frame

- Galvanized steel construction.
- Housing adjusts for ceilings up to 1-1/4" thick.

LED Module & Trim

- Aluminum extruded heat sink facilitates heat dissipation for maintaining constant light output, color and life of solid state components.
- Module construction includes LED, heat sink and lens.
- Heavy gauge aluminum reflector anodized in clear, haze, gold, champagne and pewter color finish. Reflectors provided with black and white milled groove baffle collar.
- Uniform color temperature within 3 SDCM.

Junction Box

- Listed for through branch circuit wiring. (Max .8 No 12 AWG 90 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 shortening for 12" joists without tools.

LED Power Supply Driver

- 120-277V input high efficacy drivers
- Compatible with Triac (forward-phase or leading edge) / ELV (reverse-phase or trailing edge) and 0-10V dimmers
- Triac dimming only at 120 Vac
- Deep dimming from 100% down to 1%
- Power factor >.90, THD <20% with integral thermal protection.
- Emergency battery back-up is sold separately; field installation required. Installed remote adjacent to the luminaire.
- Driver mounts externally to the module, allowing future replacement, if needed

Warranty

- LSI LED Fixtures carry a limited 5-year warranty.

Listings

- cETLus Listed • State of California Title 24 • ENERGY STAR® Certified

Quick-connect Case

In anticipation of rapidly-changing LED technological advancements, this product includes a special light engine quick-disconnect feature. This enables easy upgrades, as well as changes to the heatsink, chip and driver without any tooling.



Approved Dimmers

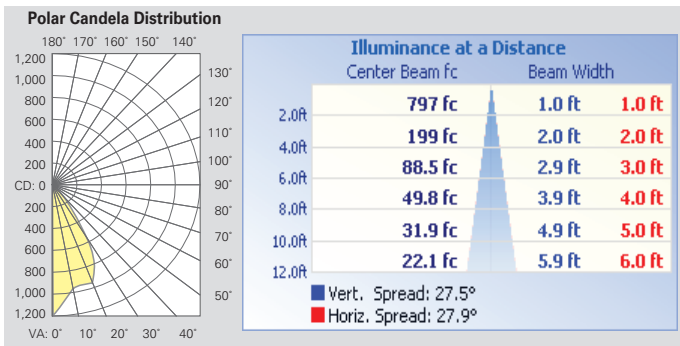
- Lutron: NovaT(Ntelv300&600)
Diva(Dvelv-300P&303P)
Nova 0-10V (NTFTV)
Diva 0-10V (DVTV)

- Leviton: Acenti (Ate06-1Lw)
Trimatron #705W
Decora 0-10V (IP710DL)

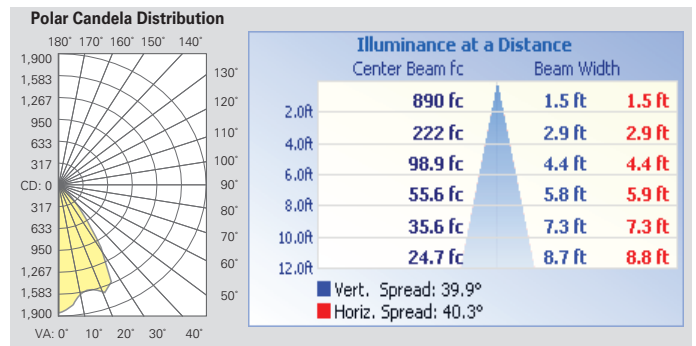
Consult factory for additional dimmers

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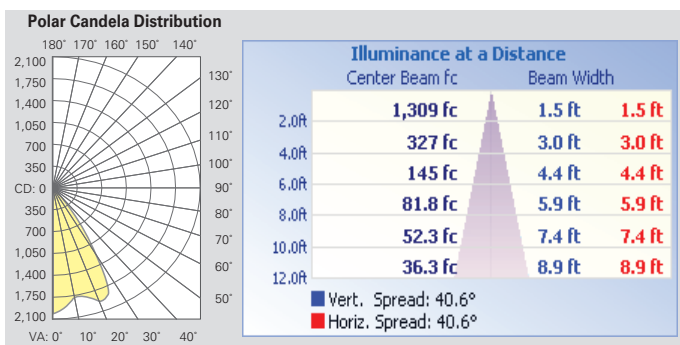
Photometrics (Contact factory for IES file)



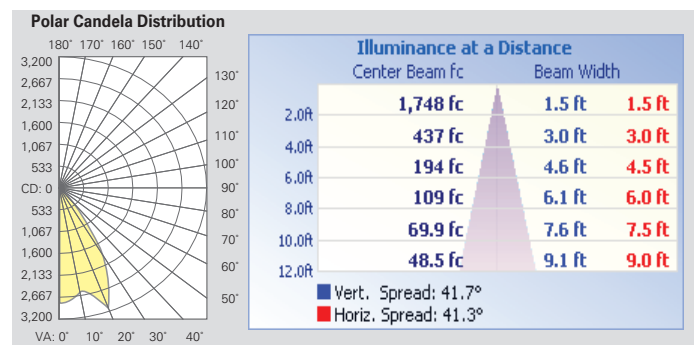
LAD8-13-LED



LAD8-20-LED



LAD8-30-LED



LAD8-41-LED



Project Name _____ Fixture Type _____ Cat# _____

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COMMERCIAL FRAME-IN KIT