

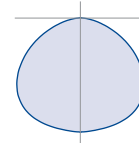
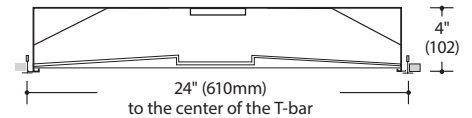
LHE Recessed Troffer

Fixture Type:

Project Name:

Ordering Guide

Feature	Code	Options	Description
Series		LHE	LHE Recessed Troffer
Ceiling Type		G NG SS DW	15/16" Grid Ceiling 9/16" Narrow Face Grid Ceiling 9/16" Screw Slot Grid Ceiling Drywall Ceiling *Ceiling Type cannot be retrofitted in the field
Distribution		D	Direct
Size		14 22 24	1' x 4' Fixture 2' x 2' Fixture 2' x 4' Fixture
Diffuser		SGL	Soft Glow Lens
Finish/Color		C1	Matte White
Lamping		1T5 2T5 3T5 1T5HO 2T5HO 3T5HO 1T8 2T8 3T8	1-Light T5 Lamping 2-Light T5 Lamping 3-Light T5 Lamping 1-Light T5HO Lamping 2-Light T5HO Lamping 3-Light T5HO Lamping 1-Light T8 Lamping 1-Light T8 Lamping 1-Light T8 Lamping
Ballast (non-dimming T5/HO)		NPN	Electronic, program-start
Ballast (non-dimming T8)		NIN NPN NIL NPL NIH NPH	Electronic Electronic, program-start Electronic, low-wattage Electronic, low-wattage, program-start Electronic, high light output Electronic, high light output, program-start
Ballast (dimming)		010V LVD DALI LLS	0-10V Dimming Line Voltage Dimming Dali System Light Level Switching 50/100 See <i>Ballast</i> section for additional dimming ballast options
Voltage		UNV 120 277 347	Universal Voltage 120 Volt 277 Volt 347 Volt
Circuiting		1C 2C	1 Circuit 2 Circuits
Optional Features	Code	Options	Description
Fuse		F	Fuse
Nightlight		_NL	Nightlight Circuit Required. Enter quantity. 2NL = 2 lamps on nightlight circuit
Emergency		_EF	Emergency Battery Required. Enter quantity. 2EF = 2 emergency batteries/row
HPR Reflector		HPR	HPR Reflector Option
Chicago Environmental Air Modification		CCEA	Chicago Environmental Air Modification
Flex Whip		FW FWC FWPR FWPRC	Flex Whip Flex Whip (field-installed) Flex Whip, Plenum Rated (for CCEA only) Flex Whip, Plenum Rated (for CCEA only) field-installed



Key Features

- One-piece acrylic diffuser

CS™ Control Solutions available

Quick Find litecontrol.com

LHE

LHE Recessed Troffer

Details

Construction:

Housing: Die-formed steel. Wiring access plate on top of housing for flexible conduit attachment.

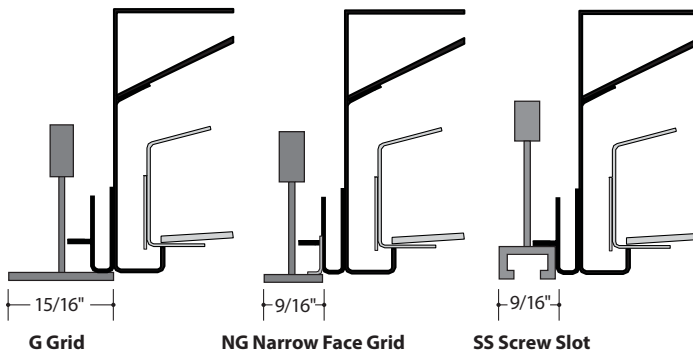
Reflectors: High-reflectance prepaint matte white steel

Door frame: Lift and shift steel door frame which rests within housing. Holds pre-installed diffuser. Additionally secured via plastic strapping at two points. Ships separate from housing.

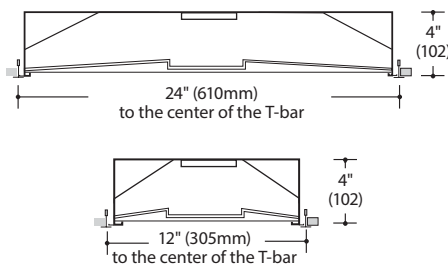
Mounting:

Row mounting of fixtures is not available.

Grid Mounting Options



Size:



Diffuser:

High-efficiency one-piece extruded acrylic lens. Dropped center channel for excellent source diffusion.

Finish/Color:

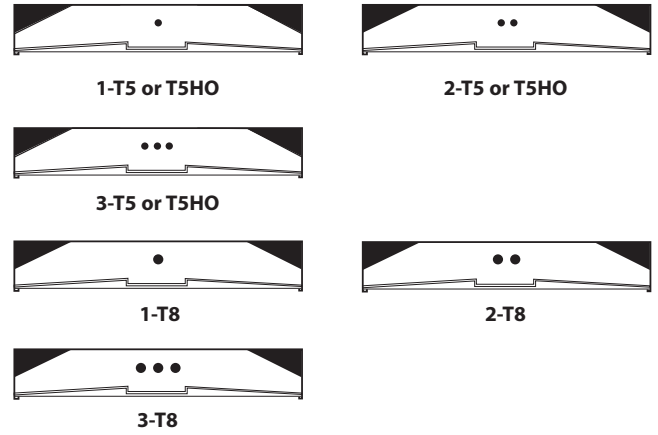
Pre-finished matte white.

Lamping:

Available in one, two or three--lamp T5/T5HO & T8 cross-sections.

Cross-section lamping

(shown in 2' x 4' or 2' x 2' also available in 1' x 4')



Ballast:

Electronic (ELB), high power factor, thermally protected Class P, Sound Rated A, manufactured by a UL Listed manufacturer, as available, determined by Litecontrol. Ballasts with a voltage range of 120 to 277 will be used when fixture configuration and ballast availability allow. The minimum number of ballasts will be used.

Additional Dimming Ballast Options:

LE30	Lutron EcoSystem-3 Wire	(Normal Ballast Factor)
LEH0	Lutron EcoSystem-H Series	(Normal Ballast Factor)
LEH7	Lutron EcoSystem-H Series	(High Ballast Factor)
LEI0	Lutron EcoSystem-Intelligent	(Normal Ballast Factor)
LH3D	Lutron HiLume 3D-3 Wire	(Normal Ballast Factor)
LH37	Lutron HiLume 3D-3 Wire	(High Ballast Factor)
LHHL	Lutron HiLume-Traditional	(Normal Ballast Factor)
LHID	Lutron HiLume-3D Intelligent	(Normal Ballast Factor)
LHI7	Lutron HiLume-3D Intelligent	(High Ballast Factor)

Circuiting:

1C (1 Circuit) Fixture wired for a single circuit.
2C (2 Circuit) L

Fuse:

Slow or fast blow; determined by Litecontrol.

Nightlight:

See separate LC-Nightlight spec sheet for additional details.

Emergency:

Battery-powered ballast from a listed manufacturer will operate one lamp for 90 minutes.

LHE Recessed Troffer

Details (continued)

HPR Reflector:

High reflectance white reflector to boost efficiency.

Efficiency Data

2-T8		Standard	HPR
Width (ft)	Length (ft)	Efficiency %	
2	4	82	90
2	2	74	80

2-T5		Standard	HPR
Width (ft)	Length (ft)	Efficiency %	
2	4	85	92
2	2	77	85

2-T5HO		Standard	HPR
Width (ft)	Length (ft)	Efficiency %	
2	4	83	89
2	2	77	83

Complete photometric data available at litecontrol.com.

Chicago Environmental Air Modification:

Fixture meets CCEA luminaire requirements.

Flex Whip:

(FW) Flex Whip-3/8" flex conduit. 6' length. 90° connector on fixture end. 18 gauge wiring.

(FWC) Flex Whip (field-installed)

(FWPR) Flex Whip (plenum-rated)

(PWPRC) Flex Whip (plenum-rated, field-installed)

Ratings:

cULus listed for damp locations. IBEW. AF of L. IC Rated.

Warranty:

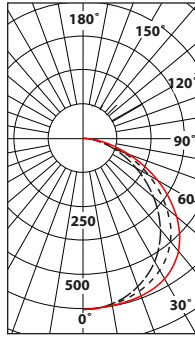
1 year

see www.litecontrol.com for details

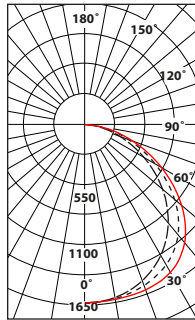


Photometry

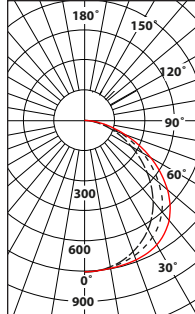
Fixture: LHE-XX-D-22-SGL-C1-2T8
Lamping: 2-T8
Efficiency: 74%
Test report: ITL77116



Fixture: LHE-XX-D-24-SGL-C1-2T8
Lamping: 2-T8
Efficiency: 82%
Test report: ITL77118



Fixture: LHE-XX-D-22-SGL-C1-2T8 (HPR)
Lamping: 2-T8
Efficiency: 80%
Test report: ITL77115



Fixture: LHE-XX-D-24-SGL-C1-2T8 (HPR)
Lamping: 2-T8
Efficiency: 90%
Test report: ITL77117

