

CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

## FEATURES

- Transparent lensed door provides a barrier between the room and the ribbed acrylic diffuser to discourage vandals and minimize contaminants. Double or triple gasketing options available
- Hinged optical assembly swings down to allow easy access to the electrical
- Attractive and efficient architectural troffer delivers comfortable, uniform illumination
- Maximize energy savings with efficacies as high as 126 lm/W
- Frosted acrylic diffuser combined with highly reflective matte white paint provides high optical efficiencies and visual comfort
- Made Right Here<sup>®</sup> in the USA

## SPECIFICATIONS

- HOUSING** – 22-gauge die-formed C.R.S.
- DOOR FRAME & LENS** – Transparent acrylic lens, .080" thick, mounted in .050" thick extruded aluminum door frame, flat with mitered corners.
- REFLECTOR** – Precision die-formed C.R.S. with highly reflective, non-glare matte white polyester powder coated finish.
- DIFFUSER** – Ribbed acrylic.
- FINISH** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL** – High quality mid-power LED board. L70 at 50,000 hours. 25°C maximum ambient operating temperature.
- MOUNTING** – Designed for NEMA Type "G" 1" grid ceiling standard. For NEMA Type "NFG" and "SG" 9/16" grid installations, specify EQCLIPS option. NEMA Type "F" available.
- LISTINGS** –
  - CETLus conforms to UL STD 1598 and UL STD 8750.
  - Certified to CAN/CSA STD 22.2 No. 250.0.
  - Suitable for damp locations.
  - City of Chicago Environmental Air approved when specified with CP option.
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

## ORDERING EXAMPLE: HETLG - S24 - L93/835 - F A - OPTIONS - DIM - UNV

### ORDERING INFO

SERIES	CEILING TYPE	FIXTURE STYLE	WIDTH	LENGTH	LUMENS <sup>[1]</sup>	CRI	CCT
HETL	G NEMA Type "G"	S Static, no air capability, full door frame, no reveal	1 1' <sup>[2]</sup>	2 2'	1x4	8 80	30 3000K
			2 2'	4 4'	L30 3,000lm	9 90 <sup>[3]</sup>	35 3500K
				L48 4,800lm		40 4000K	
				2x2		50 5000K	
				L28 2,800lm			
				L46 4,600lm			
				2x4			
				L57 5,700lm			
				L93 9,300lm			

DOOR FRAME	SHIELDING	OPTIONS <sup>[4]</sup>	CONTROL <sup>[5]</sup>	VOLTAGE
F Flat aluminum	A Clear, non-prismatic acrylic, .080" thick P Clear, prismatic polycarbonate, .080" thick	EM/10W 10-watt emergency battery <sup>[6]</sup> EQCLIPS Earthquake clips <sup>[7]</sup> DG Double gasket <sup>[8]</sup> TG Triple gasket <sup>[9]</sup> (L_) Additional lower lumen packages available. CP Chicago plenum (CCEA)	DRV Non-dimming driver DIM Dimming driver	120 120V 277 277V UNV 120-277V 347 347V <sup>[11]</sup>

## NOTES

- Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- Available in 4" length only.
- Extended lead times may apply. Consult factory for availability.
- See Technical Info for [Power Entry](#) details.
- See page 3 for ADDITIONAL CONTROL OPTIONS.
- 120-277V only.
- 4 per fixture. Optional for 1" grid installations. Required for 9/16" grid mounting. Not available with F Ceiling Type.
- See page 4 for GASKETING DETAILS.
- Field-installed. See page 4 for GASKETING DETAILS.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Not available with EM drivers.



## FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	L30	3081	27.6	111.6
	L48	4812	41.1	117.1
2x2	L28	2863	25.5	112.3
	L46	4681	39.9	117.3
2x4	L57	5765	47.2	122.1
	L93	9412	74.4	126.5

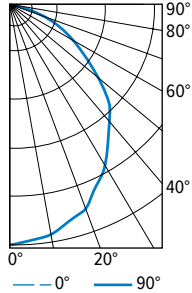
## MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

## PHOTOMETRY

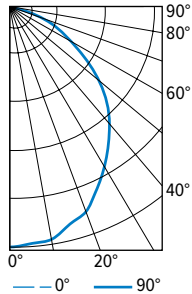
**HETLG-S14-L48/835** Total Luminaire Output: 4812 lumens; 41.1 Watts | Efficacy: 117.1 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2092	2092	2092	
	5	2057	2056	2056	196
	15	1950	1957	1970	556
	25	1750	1766	1775	820
	35	1488	1519	1538	952
	45	1215	1270	1286	954
	55	808	860	761	731
	65	468	455	321	421
	75	173	135	98	157
	85	22	19	19	27
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1571	33
	0 - 40	2523	52
	0 - 60	4207	87
	0 - 90	4812	100
	0 - 180	4812	100

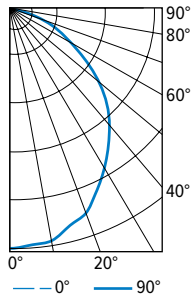
**HETLG-S22-L46/835** Total Luminaire Output: 4681 lumens; 39.9 Watts | Efficacy: 117.3 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	2015	2015	2015	
	5	1992	1991	1988	190
	15	1882	1887	1891	537
	25	1690	1708	1724	792
	35	1415	1451	1480	915
	45	1130	1196	1238	911
	55	760	840	821	724
	65	430	470	363	429
	75	157	141	102	159
	85	19	15	15	25
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1518	32
	0 - 40	2433	52
	0 - 60	4068	87
	0 - 90	4681	100
	0 - 180	4681	100

**HETLG-S24-L93/835** Total Luminaire Output: 9412 lumens; 74.4 Watts | Efficacy: 126.5 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	4051	4051	4051	
	5	4005	4003	3998	382
	15	3784	3793	3803	1079
	25	3398	3433	3466	1592
	35	2844	2918	2975	1839
	45	2272	2405	2488	1831
	55	1528	1689	1650	1456
	65	864	945	729	862
	75	316	284	205	320
	85	38	30	30	51
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	3053	32
	0 - 40	4892	52
	0 - 60	8179	87
	0 - 90	9412	100
	0 - 180	9412	100



# HETL LED

High Efficiency Troffer – Lensed

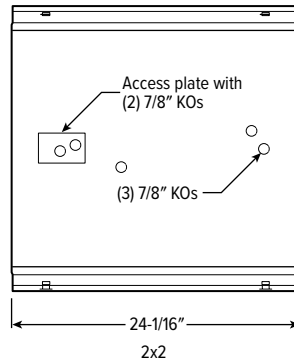
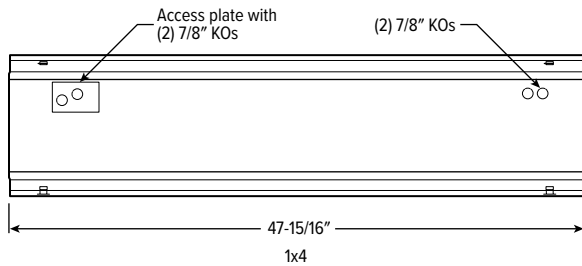
## ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder).

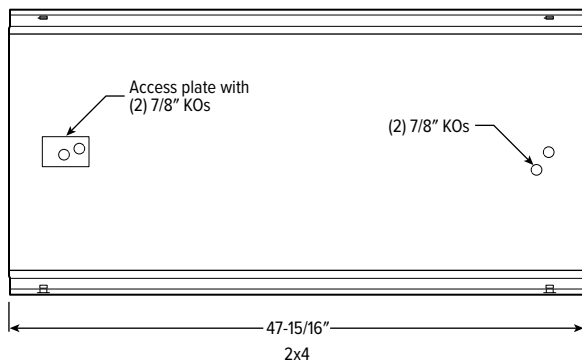
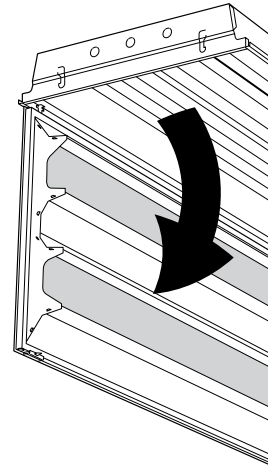
CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V or 277V only)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
LDE5	Lutron 5-Series 5% EcoSystem dimming LED driver
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls

## FIXTURE DETAILS

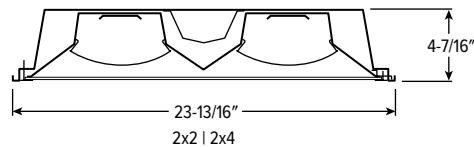
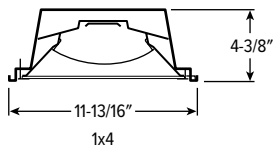
### BACK VIEWS



### DOOR ASSEMBLY DETAILS



### CROSS SECTIONS

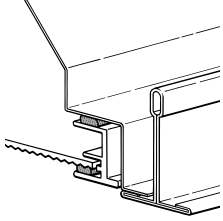


# HETL<sup>LED</sup> High Efficiency Troffer – Lensed

## GASKETING DETAILS

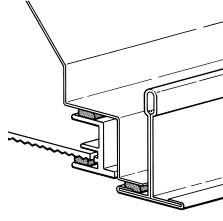
---

### DOUBLE GASKETING



Gasketing is factory-installed continuously between door frame and luminaire housing; and between door frame and lens.

### TRIPLE GASKETING



Gasketing is factory-installed continuously between door frame and luminaire housing; and between door frame and lens. Gasketing between bottom perimeter of unit (adjacent to T-bar or hardpan ceiling) is provided by factory and field installed.

