

HIGH EFFICIENCY TROFFER – STATIC

HET

LED

CATALOG #:

TYPE:

PROJECT:

NOTES:

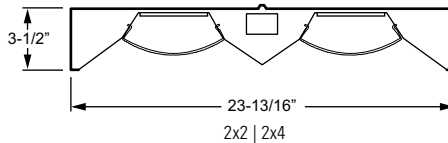
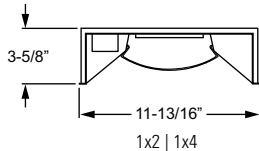
EXAMPLE

HET G - S 2 4 - L76/840 - A - OPTIONS - DIM - UNV

SERIES CEILING TYPE FIX. STYLE NOM. W. NOM. L. LUMEN PACKAGE CRI & CCT SHIELDING OPTIONS DRIVER VOLTAGE



CROSS SECTIONS



ORDERING INFORMATION

SERIES

HET High Efficiency Troffer – Static

CEILING TYPE

G NEMA Type “G”
For flange installations use the Drywall Kit (DFK), ordered separately, see [Technical Info.](#)

FIXTURE STYLE

S Static, no air capability

NOMINAL WIDTH

1 1’
2 2’

NOMINAL LENGTH

2 2’
4 4’

LED PACKAGE

Example: L76/840			AVERAGE SYSTEM WATTAGE	
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT		
1x2				
L19	1,900	830 = 80 CRI, 3000K 835 = 80 CRI, 3500K 840 = 80 CRI, 4000K 850 = 80 CRI, 5000K	18	
1x4				
L30	3,000		33	
L33	3,300		37	
L36	3,600		41	
L38	3,800		44	
2x2				
L30	3,000		34	
L33	3,300		37	
L36	3,600		42	
L38	3,800		44	
2x4				
L40	4,000		41	
L50	5,000		51	
L60	6,000	63		
L76	7,600	87		

Nominal lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see specific photometric tests. Additional LED lumen packages available, see options.

SHIELDING

A Frosted, ribbed acrylic diffusers

OPTIONS

EM/10W 10-watt emergency driver (120-277V only, not available with 1x2)
EQCLIPS (L__) Earthquake clips (4 per fixture)
 Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
Example: 6,500 nominal lumens = **HET-S24-L76/850-(L65)**.
CP Chicago Plenum (CCEA)

DRIVER

Additional dimming drivers available, see [Technical Info.](#)
DRV Driver prewired for non-dimming applications
DIM Dimming driver prewired for 0-10V low voltage applications

VOLTAGE

120 120V
277 277V
UNV 120-277V
347 347V (not available with EM drivers)

FEATURES

- ▶ Attractive and efficient architectural fixture delivers comfortable, uniform illumination.
- ▶ Power and light levels can be custom set to meet energy and design needs.
- ▶ Multiple dimming protocols available.
- ▶ Optional system-integrated emergency LED driver.
- ▶ Fixture design allows LED technology to be added seamlessly to any existing HET project.
- ▶ Delivers high efficacies at variable light levels.
- ▶ Tool-less, room side access to all components.
- ▶ Frosted acrylic diffusers combined with highly reflective matte white paint provide high optical efficiencies.
- ▶ One-piece diffusers eliminate the need for separate overlays.
- ▶ Shallow fixture depth for use in limited plenum space.
- ▶ Companion HES products available in Surface Mount section.
- ▶ This fixture is proudly made in the USA.



LED

SPECIFICATIONS

- Housing** – 22-gauge die-formed C.R.S.
Shielding – Frosted, ribbed acrylic.
Finish – Highly reflective non-glare matte 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 boards. Rated for 50,000 hours at 70% lumen maintenance (L70).
Mounting – NEMA Type “G” standard. For flange installations use the Drywall Kit (DFK), ordered separately, see [Technical Info](#).
Listings –
- cETLus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
 - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at www.designlights.org/QPL.
 - City of Chicago Environmental Air approved when specified with CP option.
- Warranty** – 5-year limited warranty, see hew.com/warranty.

IMPORTANT:

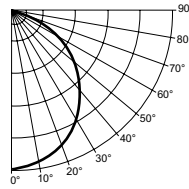
Electrostatic sensitive unit. Observe precautions when handling.

PHOTOMETRY – 2x4

Catalog #: **HETG-S24-L76/840-A**

TEST REPORT INFORMATION

- Test Report #: 100669206CRT-006
- Date: 08/20/12
- Lamp Type: LED
- Rated Lumens: 7891**
- Watts: 85.3**
- Lumens Per Watt: 92.5**
- CRI: 83.0**
- CCT: 4081K**



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	3277.	3277.	3277.	
5°	3268.	3256.	3246.	309.3
15°	3128.	3113.	3099.	877.5
25°	2833.	2818.	2802.	1297.0
35°	2392.	2398.	2398.	1497.0
45°	1848.	1892.	1909.	1455.0
55°	1285.	1370.	1383.	1207.0
65°	780.	867.	738.	801.3
75°	373.	371.	272.	378.7
85°	79.	31.	20.	68.3
90°	0.	0.	0.	

LUMEN SUMMARY

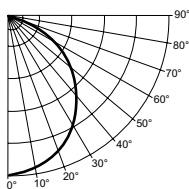
Zone	Lumens	% Fixture
0° - 30°	2483.	31.5
0° - 40°	3980.	50.4
0° - 60°	6643.	84.2
0° - 90°	7891.	100.0
TOTAL LUMINAIRE:		
0 - 180	7891.	100.0
IES Spacing Criteria: End = 1.2 Across = 1.2		

PHOTOMETRY – 2x2

Catalog #: **HETG-S22-L38/840-A**

TEST REPORT INFORMATION

- Test Report #: 100669206CRT-008
- Date: 08/20/12
- Lamp Type: LED
- Rated Lumens: 3865**
- Watts: 42.7**
- Lumens Per Watt: 90.6**
- CRI: 82.8**
- CCT: 4036K**



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1644.	1644.	1644.	
5°	1637.	1638.	1628.	155.0
15°	1554.	1561.	1557.	438.8
25°	1384.	1399.	1410.	643.2
35°	1149.	1180.	1208.	736.0
45°	869.	918.	961.	707.1
55°	590.	656.	699.	580.5
65°	350.	416.	377.	384.8
75°	166.	185.	139.	183.3
85°	36.	23.	12.	35.9
90°	0.	0.	0.	

LUMEN SUMMARY

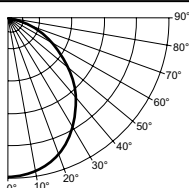
Zone	Lumens	% Fixture
0° - 30°	1237.	32.0
0° - 40°	1973.	51.1
0° - 60°	3261.	84.4
0° - 90°	3865.	100.0
TOTAL LUMINAIRE:		
0 - 180	3865.	100.0
IES Spacing Criteria: End = 1.2 Across = 1.2		

PHOTOMETRY – 1x4

Catalog #: **HETG-S22-L38/840-A**

TEST REPORT INFORMATION

- Test Report #: 100669206CRT-002
- Date: 08/20/12
- Lamp Type: LED
- Rated Lumens: 3929**
- Watts: 42.7**
- Lumens Per Watt: 92.0**
- CRI: 82.9**
- CCT: 4033K**



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1653.	1653.	1653.	
5°	1646.	1647.	1644.	156.0
15°	1578.	1575.	1569.	442.8
25°	1431.	1424.	1416.	654.5
35°	1212.	1212.	1216.	756.5
45°	938.	960.	968.	735.6
55°	654.	693.	651.	599.0
65°	400.	412.	319.	383.6
75°	192.	166.	112.	173.6
85°	41.	10.	7.	27.7
90°	0.	0.	0.	

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 30°	1253.	31.9
0° - 40°	2010.	51.1
0° - 60°	3345.	85.1
0° - 90°	3929.	100.0
TOTAL LUMINAIRE:		
0 - 180	3929.	100.0
IES Spacing Criteria: End = 1.2 Across = 1.2		

FIXTURE DETAILS

BACK VIEW

