

# 1' X 1' SQUARE ARCHITECTURAL DOWNLIGHT

# HET

## 1x1 LED

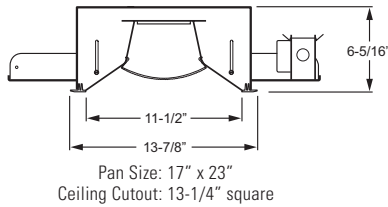
CATALOG #:	TYPE:
PROJECT:	NOTES:

**EXAMPLE** **HET - 1 1 - L17/840 - A - OPTIONS - DIM - UNV**

SERIES    NOM. NOM. W. L.    LUMEN PACKAGE    CRI & CCT    SHIELDING    OPTIONS    DRIVER    VOLTAGE



## CROSS SECTION



## ORDERING INFORMATION

**SERIES**  
**HET**      1' x 1' Square Architectural Downlight

**NOMINAL WIDTH**  
**1**      1'

**NOMINAL LENGTH**  
**1**      1'

**LED PACKAGE**

Example: L17/840			AVERAGE SYSTEM WATTAGE
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	
L12	1,200	830 = 80 CRI, 3000K	12
		835 = 80 CRI, 3500K	
		840 = 80 CRI, 4000K	
L17	1,750	850 = 80 CRI, 5000K	23

Nominal lumens based on 3500K CCT, actual lumens may vary.

**SHIELDING**  
**A**      Frosted, ribbed acrylic diffusers

**OPTIONS**  
**EM/7W (L\_\_)**      7-watt emergency battery (120-277V only)  
 Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.  
 Example: 1,500 nominal lumens = HET-11-L17/840-(L15).

**DRIVER**  
 Additional dimming drivers available, see [Technical Info.](#)  
**DRV**      Driver prewired for non-dimming applications  
**DIM**      10% 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

- ▶ A compact, LED downlight addition designed to complement the aesthetics of the Williams HET family.
- ▶ Power and light levels can be custom set to meet energy and design needs.
- ▶ 0-10V dimming available.
- ▶ Up to 1750 lumens.
- ▶ Housing design allows LED technology to be added seamlessly to any existing HET project.
- ▶ 80 CRI minimum.
- ▶ 75 lumens per watt (LPW) efficacy.
- ▶ 3000K, 3500K, 4000K, or 5000K CCT.
- ▶ Rated >50,000 hours at 70% lumen maintenance (L70).
- ▶ Frosted acrylic diffuser combined with highly reflective matte white paint provides high optical efficiencies and visual comfort.
- ▶ One-piece diffuser eliminates the need for a separate overlay.
- ▶ Companion HET/HES products available in Williams Recessed and Surface Mount sections.
- ▶ Adjustable hanger brackets with bar hangers standard.
- ▶ This fixture is proudly made in the USA.



## 1x1 LED

Catalog #: **HET-11-L17/840-A**

### SPECIFICATIONS

**Housing** – Heavy-duty C.R.S with 20-gauge galvanized steel pan/plaster frame.

**Reflective Surfaces**– 20-gauge C.R.S. finished in a highly reflective non-glare matte white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal.

**Shielding** – Frosted, ribbed acrylic.

**Electrical** – High quality mid-power LED boards. Rated >50,000 hours at L70.

**Mounting** – Recessed.

**Labels** –

- CETLUS conforms to UL STD 1598 and UL STD 8750.
- Certified to CAN/CSA STD C22.2 No. 250.0.
- Suitable for damp locations.

**Warranty** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

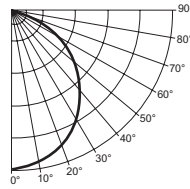
### IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

### PHOTOMETRY

#### TEST REPORT INFORMATION

- ▶ Test Report #: 100717096CHI-001
- ▶ Date: 09/24/12
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 1759**
- ▶ **Watts: 21.9**
- ▶ **Lumens Per Watt: 80.4**
- ▶ **CRI: 83.4**
- ▶ **CCT: 4088K**



#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	769.	769.	769.	
5°	764.	766.	764.	72.6
15°	734.	728.	717.	204.6
25°	672.	655.	634.	299.5
35°	574.	550.	521.	340.3
45°	453.	425.	389.	323.5
55°	324.	301.	260.	261.5
65°	161.	186.	153.	165.8
75°	56.	79.	74.	75.2
85°	5.	13.	18.	15.9
90°	0.	0.	0.	

#### LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 30°	577.	32.8
0° - 40°	917.	52.1
0° - 60°	1502.	85.4
0° - 90°	1759.	100.0
<b>TOTAL LUMINAIRE:</b>		
0 - 180	1759.	100.0
IES Spacing Criteria: End = 1.1 Diagonal = 1.3 Across = 1.2		