

# ARCHITECTURAL LENSED WALL WASH

# HETW

**SUBMITTAL:**

**T5**

**JOB:**

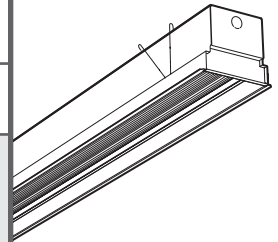
**TYPE:**

**VOLTAGE:**

EXAMPLE

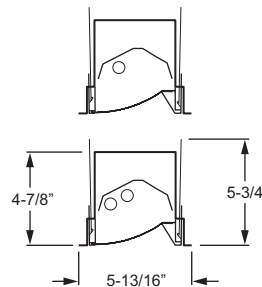
**HETW G - 4 - 2 54T5H - A - OPTIONS - EB2 - UNV**

SERIES    CEILING TYPE    NOMINAL LENGTH    TOTAL LAMPS    WATTAGE/TYPE    SHIELDING    OPTIONS    BALLAST TYPE    VOLTAGE



## FEATURES

- ▶ Attractive, architectural wall wash delivers comfortable, uniform perimeter illumination.
- ▶ Frosted acrylic diffuser combined with highly reflective matte white paint provides visual comfort.
- ▶ Tool-less access to electrical from room side of fixture.
- ▶ Quick-wire access plate in back of fixture housing for easy attachment of incoming power supply.
- ▶ This fixture is proudly made in the USA.



## SPECIFICATIONS

**Housing** – 22-gauge die-formed C.R.S.  
**Door Frame** – Steel door frame with integral torsion springs to secure the frame within the fixture.  
**Shielding** – Frosted, ribbed acrylic.  
**Finish** – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.  
**Electrical** – Electronic ballast standard, program start T5, rated Class P.  
**Mounting** – NEMA Type “G” standard. For flange installations use the Drywall Kit (DFK), ordered separately. Fixture must be installed prior to Drywall Kit (DFK). Accommodates “NFG” and “SS” without modification (earthquake clips required).  
**Labels** – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

## ORDERING INFORMATION

### SERIES

**HETW** Architectural Lensed Wall Wash

### CEILING TYPE

When using in NEMA Type “SS” or “NFG” applications, must specify EQCLIPS option. For flange installations use the Drywall Kit (DFK), see Accessories. Fixture must be installed prior to Drywall Kit (DFK).

**G** NEMA Type “G”, “SS”, and “NFG”

### NOMINAL LENGTH

**2** 2'  
**3** 3'  
**4** 4'

### TOTAL LAMPS

**1 or 2**

### LAMP WATTAGE/TYPE

#### 2' LAMP OPTIONS

**14T5S** 2', 14-watt T5  
**24T5H** 2', 24-watt T5HO

#### 3' LAMP OPTIONS

**21T5S** 3', 21-watt T5  
**39T5H** 3', 39-watt T5HO

#### 4' LAMP OPTIONS

**28T5S** 4', 28-watt T5  
**54T5H** 4', 54-watt T5HO

### SHIELDING

**A** Curved frosted ribbed acrylic diffuser (standard)  
**A/CHA118** Curved frosted ribbed acrylic diffuser with clear, high temperature non-prismatic lens

### OPTIONS (Must be ordered separately)

For generic **EM ballast** options (must specify voltage), see Fluorescent Information section. **Ballast size restrictions apply.** Consult factory.

**EQCLIPS** Earthquake clips (2 per fixture)

### ACCESSORIES

Fixture must be installed prior to Drywall Kit (DFK).  
**DFK-0648W** Drywall kit, 6" x 48", white

### BALLAST TYPE

For **dimming ballast** options, see Fluorescent Information section. **Ballast size restrictions apply.** Consult factory.

**EB1** 1-lamp electronic ballast  
**EB2** 2-lamp electronic ballast

### VOLTAGE

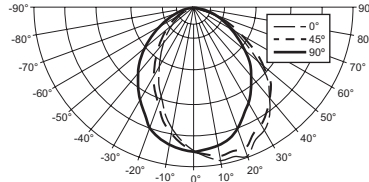
**120** 120V  
**277** 277V  
**UNV** 120-277V  
**347** 347V

## PHOTOMETRY

Catalog #: HETWG-4-254T5H-A

### TEST REPORT INFORMATION

- ▶ Test Report #: 17186.0
- ▶ Date: 03/12/13
- ▶ Lamp Type: F54T5HO/841
- ▶ Lamp Quantity: 2



### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	45°	90°	135°	180°	
0°	2680.	2680.	2680.	2680.	2680.	
5°	2789.	2736.	2636.	2546.	2499.	252.1
15°	2857.	2764.	2509.	2217.	2100.	706.0
25°	2707.	2588.	2191.	1731.	1558.	997.7
35°	2444.	2358.	1854.	1311.	1124.	1144.9
45°	1954.	2034.	1482.	932.	760.	1116.0
55°	1214.	1376.	1012.	590.	469.	856.1
65°	655.	803.	634.	329.	246.	553.1
75°	277.	350.	307.	129.	115.	260.0
85°	75.	95.	83.	32.	30.	68.2
90°	0.	0.	0.	0.	0.	

### ZONAL CAVITY COEFFICIENTS

	Ceiling	.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	.71	.71	.71	.69	.69	.69	.66	.66	.66
	1	.66	.63	.61	.64	.62	.60	.60	.58	.57
	2	.61	.57	.53	.59	.56	.52	.54	.51	.49
	3	.56	.51	.47	.55	.50	.46	.48	.45	.42
	4	.52	.46	.41	.51	.45	.40	.43	.40	.37
	5	.48	.41	.36	.46	.40	.35	.39	.35	.32
	6	.44	.37	.32	.43	.36	.32	.35	.31	.28
	7	.41	.33	.28	.40	.33	.28	.32	.28	.25
	8	.38	.30	.25	.37	.29	.25	.29	.24	.21
	9	.35	.27	.22	.34	.26	.22	.26	.22	.19
	10	.32	.24	.20	.31	.24	.20	.24	.19	.17

Effective Floor Cavity Reflectance = .20

### LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1956.	19.6	32.8
0 - 40	3101.	31.0	52.1
0 - 60	5073.	50.7	85.2
0 - 90	5954.	59.5	100.0
<b>Total Luminaire:</b>			
0 - 180	5954.	59.5	100.0
Total Luminaire Optical Efficiency: <b>59.5%</b>			

## FIXTURE DETAILS

### BACK VIEW

