

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Williams turn-key Power over Ethernet (PoE) solution provides plug-and-play networked lighting and control.
- Maximize energy savings with efficacies up to 127 lm/W
- 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
- Frosted acrylic diffuser combined with highly reflective matte white paint provides high optical efficiencies and visual comfort
- Made Right Here™ in the USA

SYSTEM REQUIREMENTS

- Lighting system (site software)
- Gateway or alternate server (runs software)
- PoE switches or Ethernet switches and mid-span power injectors
- See hew.com/poe for details

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. Low-voltage DC fixture, to be fed by Class 2 power supply.
- MOUNTING – NEMA Type "G" standard. NEMA Type "F" available.
- LISTINGS – cCSAUS certified as luminaire suitable for dry or damp locations.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: HETLG - S24 - P126/835 - F A - OPTIONS - POE N

ORDERING INFO

SERIES	CEILING TYPE	FIXTURE STYLE	WIDTH	LENGTH	LUMENS ^[1]	CRI	CCT	
HETL	G NEMA Type "G"	S Static, no air capability, full door frame, no reveal	1 1' ^[2]	2 2'	1x4	8 80	30 3000K	
			2 2'	4 4'	P28 2,800lm		35 3500K	
	F NEMA Type "F"					P60 6,000lm	40 4000K	
						2x2	P28 2,800lm	50 5000K
						2x4	P60 6,000lm	
						P62 6,200lm		
					P126 12,600lm			

DOOR FRAME	SHIELDING	OPTIONS ^[3]	CONTROL ^[4]
F Flat aluminum	A Clear, non-prismatic acrylic, .080" thick	EQCLIPS Earthquake clips ^[5]	POE N Power over Ethernet network node
	P Clear, prismatic polycarbonate, .080" thick	EM/CP12 Remote mount 12-watt lora emergency battery ^[6]	POE D Power over Ethernet device node ^[9]
		DG Double gasket ^[7]	
		TG Triple gasket ^[8]	

NOTES

- Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- Available in 4' length only.
- See hew.com/poe for compatible sensors and switches.
- For additional PoE info, see hew.com/poe. 1x4 fixture node requires remote mounting. See page 2 for REMOTE MOUNT DETAILS.

- 4 per fixture.
- Requires one additional category cable run to switch. See page 2 for REMOTE MOUNT DETAILS.
- See page 3 for GASKETING DETAILS.
- Field-installed. See page 3 for GASKETING DETAILS.
- Not available for fixtures over 40W.



FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1x4	P28	2840	24	118.3
	P60	6011	50	120.2
2x2	P28	2840	24	118.3
	P60	6011	50	120.2
2x4	P62	6245	49	127.4
	P126 ¹	12620	100	126.2

¹ Fixture contains two nodes, one power drop per node required.

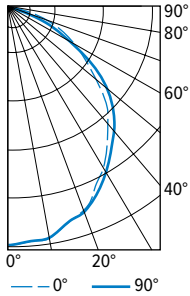
MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.99
	3000K	1.00
	3500K	1.03
	4000K	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

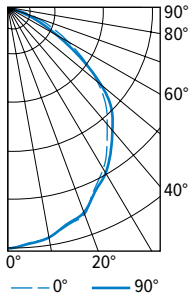
HETLG-S24-P126/835-FA Total Luminaire Output: 12620 lumens; 100 Watts | Efficacy: 126 lm/W | 82.5 CRI; 3442K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	5432	5432	5432	
5	5371	5368	5361	512
15	5074	5086	5099	1446
25	4556	4604	4647	2135
35	3814	3913	3989	2466
45	3047	3225	3337	2456
55	2049	2265	2212	1952
65	1158	1267	978	1156
75	424	381	275	429
85	50	41	41	68
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	4093	32
	0 - 40	6559	52
	0 - 60	10967	87
	0 - 90	12620	100
	0 - 180	12620	100

HETLG-S14-P60/835-FA Total Luminaire Output: 6012 lumens; 50 Watts | Efficacy: 120 lm/W | 82.5 CRI; 3447K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2613	2613	2613	
5	2569	2568	2568	245
15	2436	2444	2460	694
25	2186	2206	2217	1024
35	1859	1897	1922	1189
45	1518	1587	1607	1191
55	1009	1074	951	913
65	585	569	401	526
75	217	169	123	196
85	28	23	24	34
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1963	33
	0 - 40	3151	52
	0 - 60	5256	87
	0 - 90	6012	100
	0 - 180	6012	100

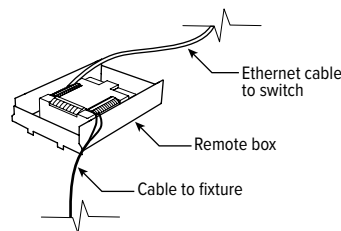
REMOTE MOUNT DETAILS

Includes 2' plenum-rated 18ga. solid cable. Remote box can be installed in:

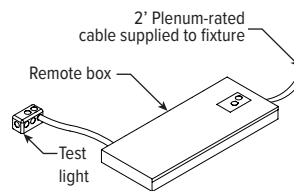
- Above ceiling grid
- Remote closet (within 100ft)
- Surface below ceiling

See [Technical Info](#) for dimension details.

NODE

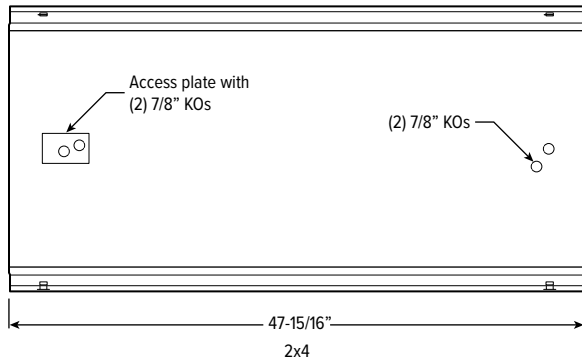
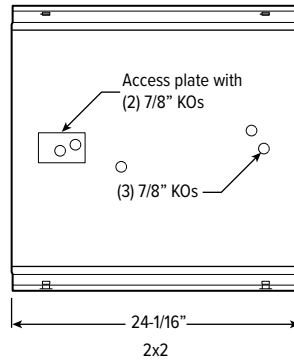
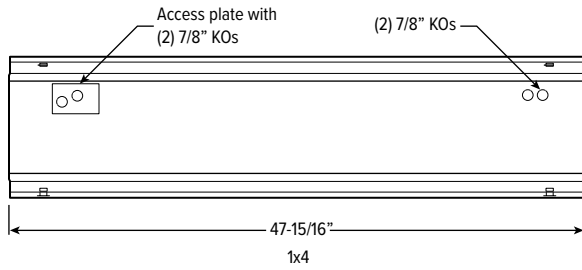


NODE AND EM OPTION

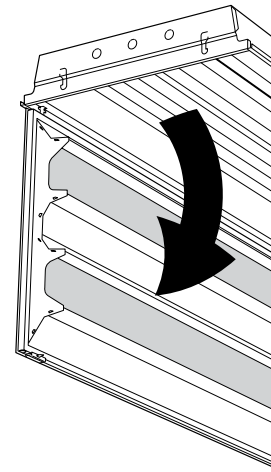


FIXTURE DETAILS

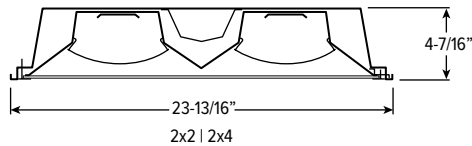
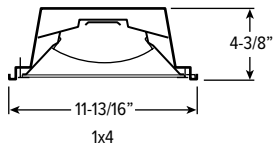
BACK VIEWS



DOOR ASSEMBLY DETAILS

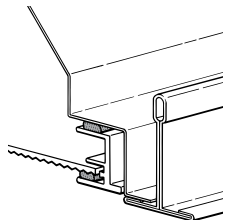


CROSS SECTIONS



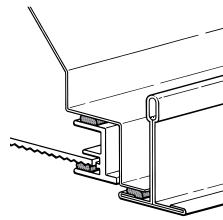
GASKETING DETAILS

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.

