

ARCHITECTURAL LED SURFACE – CURVED DEEP CENTER

ATS2

PoE

CATALOG #: _____ TYPE: _____

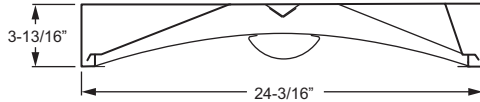
PROJECT: _____ NOTES: _____

EXAMPLE **ATS2 - 2 4 - P66/835 - D - OPTIONS - POE N**

SERIES NOM. NOM. LUMEN CRI & SHIELDING OPTIONS/ CONTROL
 W. L. PACKAGE CCT ACCESSORIES



CROSS SECTION



ORDERING INFORMATION

SERIES
ATS2 Architectural LED Surface – Curved Deep Center – PoE

NOMINAL WIDTH
 2 2'

NOMINAL LENGTH
 2 2'
 4 4'

LED PACKAGE

Example: P66/835			
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT	WATTAGE
2x2			
P18	1,800	827 = 82 CRI, 2700K	15
P26	2,600		24
P55	5,500		49
2x4			
		835 = 82 CRI, 3500K	
P31	3,100	840 = 82 CRI, 4000K	24
P66	6,600		49
P122	12,200		100

Nominal lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see fixture performance data.

SHIELDING
D Diffuse matte acrylic center
P Perforated center (decreases lumen output by 15%)

DIFFUSE CENTER DECORATIVE INSERTS
 Only available with D shielding option. See page 3 for details
D11 Triple wave
D12 Brushed metal
D13 Elliptical Perf
D14 Circles
D15 Stripes
D16 Tri-Pyramid

OPTIONS
 See page 3 for fixture details.
SS Gasketed clear flat acrylic lens (not available with OCC option)
AMW Anti-microbial white finish

ACCESSORIES
 See hew.com/poe for compatible sensors & switches

CONTROL
 For additional PoE info, see hew.com/poe
 Node requires remote mounting, see page 3 for details.
POE N Power over Ethernet network node
POE D Power over Ethernet device node (not available for fixtures over 40W)

FEATURES

- ▶ Williams turn-key Power over Ethernet (PoE) solution provides plug-and-play networked lighting and control.
- ▶ Efficacies up to 139 lm/W
- ▶ Matte white paint and diffuse lens combination provide pleasing architectural aesthetics with non-glare reflective surfaces
- ▶ Quiet and smooth illumination for visual comfort
- ▶ Optional gasketed acrylic lens adds extra layer of protection
- ▶ Available with decorative inserts to customize center lens
- ▶ This fixture is proudly made 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



PoE

SPECIFICATIONS

Housing – 20-gauge die-formed, welded C.R.S.

Door Frame – Hinged, flat, extruded aluminum door frame with optical assembly.

Shielding – Diffuse polycarbonate lens and acrylic center standard.

Finish – 95% 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 boards. L70 >60,000 hours per IES TM-21. Low-voltage DC fixture, to be fed by Class 2 power supply.

Mounting – Surface

Labels – cCSAus certified as luminaire suitable for dry or damp locations.

Warranty – 5-year limited warranty, see hew.com/warranty.

IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

FIXTURE PERFORMANCE DATA

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (LM/W)
2x2			
P18	1834	15	122.3
P26	2604	24	108.5
P55	5512	49	112.5
2x4			
P31	3104	24	129.3
P66	6609	49	134.9
P122 ¹	12227	100	122.3

¹ Fixture contains two nodes

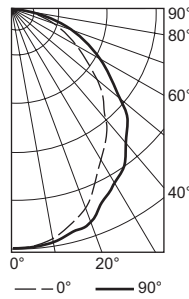
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

MULTIPLIER TABLE

COLOR TEMPERATURE	
CCT/CRI	CONVERSION FACTOR
2700K/80CRI	0.97
3000K/80CRI	0.99
3500K/80CRI	1.00
4000K/80CRI	1.03

PHOTOMETRY

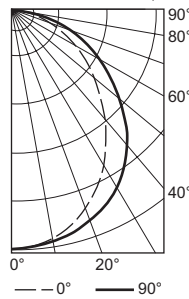
ATS2-24-P66/835-D Total Luminaire Output: 6609 lumens; 49 Watts
Efficacy: 135 lm/W | 82 CRI; 3500K CCT | IES Spacing Criteria: End: 1.1, Across: 1.3, Diagonal: 1.2



CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	2633	2633	2633		
5	2619	2620	2622	249	
15	2472	2493	2526	703	
25	2138	2208	2292	1020	
35	1733	1854	1976	1162	
45	1396	1560	1664	1172	
55	965	1118	1189	987	
65	645	788	847	755	
75	336	460	460	450	
85	100	71	67	110	
90	0.	0.	0.		

LUMEN SUMMARY	Zone	Lumens	% Fixture
0 - 30		1972	30
0 - 40		3134	47
0 - 60		5294	80
0 - 90		6609	100.0
0 - 180		6609	100.0

ATS2-22-P55/835-D Total Luminaire Output: 5512 lumens; 49 Watts
Efficacy: 112 lm/W | 82 CRI; 3500K CCT | IES Spacing Criteria: End: 1.1, Across: 1.3, Diagonal: 1.2

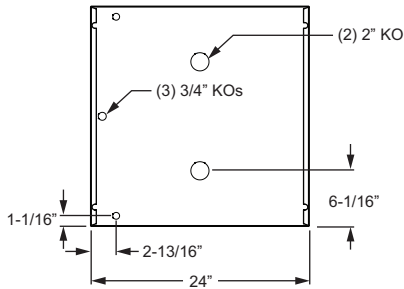


CANDLEPOWER DISTRIBUTION	Vertical Angle	Horizontal Angle			Zonal Lumens
		0°	45°	90°	
0	2169	2169	2169		
5	2165	2157	2153	205	
15	2044	2049	2087	580	
25	1800	1870	1956	863	
35	1509	1611	1721	1006	
45	1163	1266	1368	979	
55	830	937	1007	832	
65	540	632	694	618	
75	275	348	402	354	
85	50	44	42	74	
90	0.	0.	0.		

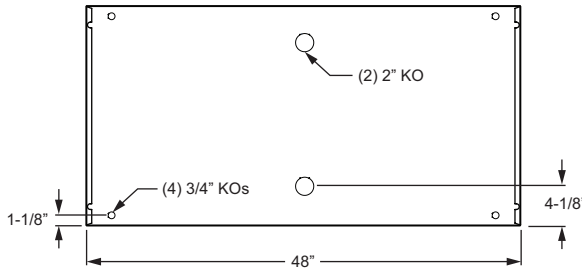
LUMEN SUMMARY	Zone	Lumens	% Fixture
0 - 30		1648	30
0 - 40		2654	48
0 - 60		4465	81
0 - 90		5512	100.0
0 - 180		5512	100.0

FIXTURE DETAILS

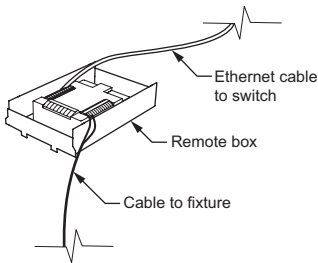
2x2 BACK VIEW



2x4 BACK VIEW



REMOTE MOUNT NODE 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.

DIFFUSE CENTER DECORATIVE INSERT DETAILS

