

**1 Lamp
T5 or T5HO**

Armstrong® Techzone™ Compatible

APPLICATION

- 6" wide high efficiency recessed luminaire with an upscale architectural appearance.
- Designed for use with the Armstrong TechZone ceiling system.
- Soft uniform lighting provides excellent visual comfort.
- High optical efficiency increases energy savings.
- Specialized optical system directs a carefully controlled amount of light to higher angles. This distribution addresses the "cave effect" normally created by parabolic luminaires and makes the space feel brighter and more open.
- Luminaire is thermally optimized, allowing its T5 lamp to operate near the peak operating temperature for light output.
- Models are available for grid or screw slot applications
- Screw slot models position the bottom of the luminaire even with the ceiling plane.

CONSTRUCTION/FINISH

- Extruded aluminum reflectors ensure consistent, accurate fit and optical control.
- Grid clips included.
- Suitable for end-to-end mounting in adjacent ceiling cells.

ELECTRICAL

- UL listed for damp locations.

ENCLOSURES

- Shielding is diffuse acrylic with overlay.
- Side reflectors create architectural detail and complement other Attune models.

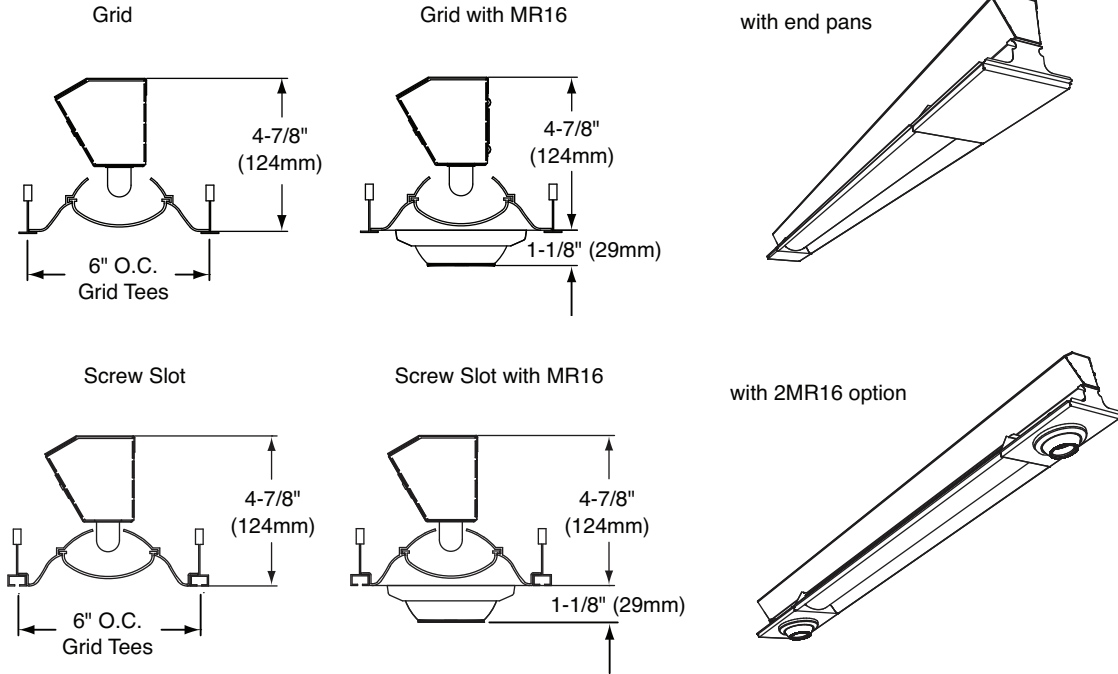
OPTIONS

- End pans can be ordered by specifying a luminaire length 1' longer than the nominal lamp length (i.e. a 54HO model with 5' length).
- Optional end pans are 7-3/4" long solid white steel panels and can be used for locating speakers, sprinkler heads, return air openings, etc.
- Special feature provisions can be factory incorporated into end pans in some instances. Contact factory rep. for details.
- "MR16" options available for 120V models with end pans, consists of an aimable aluminum eyeball in one or both end pans. Requires 120V MR16 lamps, GU10 base, 50W max per eyeball.

CATALOG NUMBER

6	AT	W		1	-		-	DO	-	
WIDTH	DISTRIBUTION	NO. OF LAMPS	LUMINAIRE LENGTH	VOLTAGE						
6 - 6"	W - Wide (Batwing)	(not included) 1	2 - 2' 3 - 3' 4 - 4' 5 - 5'	120 277 347 UNV - Universal Voltage, 120-277 volt						
FAMILY	CEILING TYPE	LAMP TYPE/WATTAGE	DIFFUSERS	OPTIONS						
AT - Attune	G - Grid T - Screw Slot	14 - 14wT5 (22") 21 - 21wT5 (34") 28 - 28wT5 (46") 24HO - 24wT5HO (22") 39HO - 39wT5HO (34") 54HO - 54wT5HO (46")	DO - Diffuse w/overlay	1/1 - One 1-lamp ballast EBD - Electronic dimming ballast EB - Electronic ballast, standard LPT830 - Installed lamps, 80+ CRI, 3000K LPT835 - Installed lamps, 80+ CRI, 3500K LPT841 - Installed lamps, 80+ CRI, 4100K 1MR16 - MR16 eyeball in one end pan (120V models with end pans only) 2MR16 - MR16 eyeball in both end pans (120V models with end pans only)						

DIMENSIONS



PHOTOMETRIC DATA

CATALOG # 6ATWG154HO-5-DO-1/1-EB
TEST #26946 S/MH=1.3

LAMPS = F54T5HO
BALLAST = ELECTRONIC BALLAST FACTOR = 1.00

LER = 55

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$4.36 BASED ON 3000 HRS. AND \$.08 PER KWH.

FIXTURE EFFICIENCY= 71.6%

CANDLEPOWER			
Angle	End	45	Cross
0	1113	1113	1113
5	1102	1117	1101
10	1085	1101	1087
15	1058	1077	1065
20	1021	1042	1036
25	973	998	995
30	916	944	948
35	850	883	890
40	773	813	826
45	690	738	745
50	602	653	643
55	511	556	561
60	419	453	486
65	332	384	398
70	250	308	320
75	171	233	251
80	99	163	176
85	42	78	72


MAINTAINED ILLUMINATION TABLE- Square Feet/Fixture*			
Fixture Size & # of Lamps	Room Width Room Height =	Approx. Area (sq. ft.) per Fixture	
		30 ft-c	50 ft-c
6' x 5' 54HO Diffuse w/overlay	5	97	58
	2	66	39
	1	48	-

*Observe Fixture S/MH Requirements for Specific Applications

.89LLF = .94LDD x .95LLD x 1.00BF

COEFFICIENT OF UTILIZATION						
pfc pcc pw RCR	20		70		50	
	80	30	70	50	30	50
0	84	84	84	82	82	80
1	78	73	70	76	71	69
2	70	65	59	68	63	58
3	64	56	51	63	56	50
4	58	50	44	56	48	46
5	54	45	38	53	44	42
6	50	40	34	48	40	38
7	46	36	29	45	35	29
8	42	33	27	41	33	27
9	40	30	25	39	29	25
10	38	28	23	36	28	23

LIGHT DISTRIBUTION			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	867	19.7	27.5
0-40	1416	32.2	44.9
0-60	2465	56.0	78.2
0-90	3152	71.6	100.0

 The photometric results were obtained in the Day-Brite Lighting Laboratory which is NVLAP accredited by the National Institute of Standards and Technology.