

ARCHITECTURAL INDIRECT

A14

SUBMITTAL:

T5 | T8

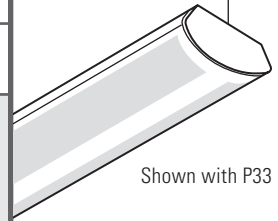
JOB:

TYPE:

VOLTAGE:

EXAMPLE **A14 P33 - 4 - 1 54T5H - F - OPTIONS - EB1 - UNV**

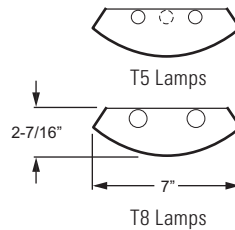
↓ **SERIES** ↓ **PERFORATION OPTIONS** ↓ **NOMINAL LENGTH** ↓ **TOTAL LAMPS** ↓ **WATTAGE/TYPE** ↓ **FIXTURE TYPE** ↓ **OPTIONS/ACCESSORIES** ↓ **BALLAST TYPE** ↓ **VOLTAGE**



Shown with P33

FEATURES

- ▶ **Up to 98.6% optical efficiency.**
- ▶ Non-perforated housing or 33% open perforation beneath lamps.
- ▶ Translucent matte white acrylic overlay with perforated diffuser provides uniform, luminous effect.
- ▶ Provided with convenient, easy-to-use adjustable aircraft cable mounting with straight feed cord.
- ▶ Ballast and wireway assembly remove for easy maintenance.
- ▶ Self-aligning joining method ensures straight rows.
- ▶ Inside and outside 90° corners for continuous runs in any space (see back for details).
- ▶ Die-formed, decorative end caps.
- ▶ This fixture is proudly made in the USA.



SPECIFICATIONS

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

Reflective Surfaces – 92% minimum average reflective white polyester powder coat on interior steel components.

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, instant start T8, program start T5, rated Class P.

Mounting – Suspended. 1/16" diameter adjustable steel leveling aircraft cable and mounting hardware necessary for grid ceiling applications provided.

Labels – UL/CUL listed as fluorescent luminaire suitable for dry or damp locations.

ORDERING INFORMATION

SERIES

A14 Architectural Indirect Version 4

PERFORATION OPTIONS

P33 33% open perforation
SLD Solid underside

NOMINAL LENGTH

4 4'
8 8'

TOTAL LAMPS

1, 2, 3, 4, or 6 T5 (1-, 2-, or 3-lamp cross-section)
2 or 4 T8 (2-lamp cross-section)

LAMP WATTAGE/TYPE

28T5S 4', 28-watt T5 (1- or 2-lamp ballast[s] only)
32 4', 32-watt T8
54T5H 4', 54-watt T5HO

FIXTURE TYPE

F Electrical feeder unit, 3-conductor, straight white cord standard (wire gauge to be determined by row length), quick-connect wiring harness, two end caps included
J Joiner unit, quick-connect wiring harness

OPTIONS

For **EM ballast** options consult factory.
C2_ Two-circuit quick-connect wiring harness. See Fluorescent Information section for complete quick-connect offering.

ACCESSORIES

See Fluorescent Information section for **alternate mounting accessories**.
90° A14 corner assembly must be ordered separately. See back for details.
KR Specular aluminum side reflector

BALLAST TYPE

Ballast size restricted to maximum ballast cross-section of 1-1/4"H x 1-3/4"W.
EB1 1-lamp electronic ballast
EB2 2-lamp electronic ballast
EB4 4-lamp electronic ballast
EB2/2 (2) 2-lamp electronic ballasts
EB3/3 (2) 3-lamp electronic ballasts

VOLTAGE

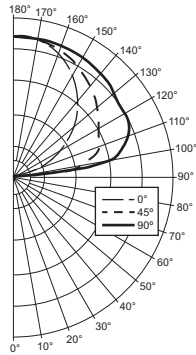
120 120V
277 277V
UNV 120-277V
347 347V

PHOTOMETRY

Catalog #: **A14P33-4-154T5H**

TEST REPORT INFORMATION

- ▶ Test Report #: 14936.0
- ▶ Date: 09/12/00
- ▶ Lamp Type: FP54T5/835/RS
- ▶ Lamp Quantity: 1



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	6.	6.	6.	
5°	6.	6.	6.	1.0
15°	4.	7.	6.	2.0
25°	5.	7.	6.	3.0
35°	4.	5.	7.	4.0
45°	3.	7.	8.	5.0
55°	2.	6.	8.	5.0
65°	2.	7.	8.	6.0
75°	2.	6.	8.	5.0
85°	0.	3.	3.	5.0
90°	0.	24.	27.	
95°	34.	336.	330.	292.0
105°	180.	656.	882.	628.0
115°	357.	728.	984.	696.0
125°	533.	807.	986.	699.0
135°	693.	868.	1017.	666.0
145°	829.	930.	1025.	582.0
155°	932.	981.	1030.	453.0
165°	1004.	1014.	1030.	287.0
175°	1040.	1029.	1027.	100.0
180°	1034.	1034.	1034.	

ZONAL CAVITY COEFFICIENTS

	Ceiling			.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10		
Room Cavity Ratio	0	.94	.94	.94	.81	.81	.81	.55	.55	.55		
	1	.86	.82	.78	.73	.70	.67	.48	.46	.45		
	2	.78	.71	.65	.66	.61	.56	.42	.39	.37		
	3	.71	.62	.56	.60	.53	.48	.37	.34	.31		
	4	.65	.55	.48	.55	.47	.41	.33	.29	.26		
	5	.59	.48	.41	.50	.42	.36	.29	.25	.22		
	6	.54	.43	.36	.46	.37	.31	.26	.22	.19		
	7	.50	.39	.31	.42	.33	.27	.23	.19	.16		
	8	.46	.35	.28	.39	.30	.24	.21	.17	.14		
	9	.42	.31	.24	.36	.27	.21	.19	.15	.12		
10	.39	.28	.22	.34	.25	.21	.17	.13	.11			

Effective Floor Cavity Reflectance = .20

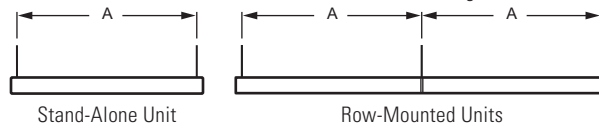
LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	4.	0.1	0.1
0 - 40	8.	0.2	0.2
0 - 60	18.	0.4	0.4
0 - 90	34.	0.8	0.8
40 - 90	26.	0.6	0.6
60 - 90	16.	0.4	0.4
90 - 180	4402.	97.8	99.2
Total Luminaire:			
0 - 180	4437.	98.6	100.0

Total Luminaire Optical Efficiency: **98.6%**
Spacing Criteria: Along = 1.3, Across = 2.0

FIXTURE DETAILS

MOUNTING INFORMATION (center to center mounting cable)



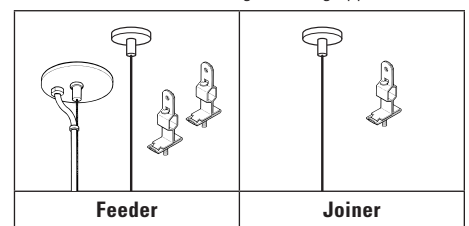
Nominal Unit Length	Dimension A
4'	48"
8'	96"

90° CORNER ASSEMBLY (for continuous row installations)

Housing – 22-gauge die-formed, welded C.R.S.
Finish – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal.

Example: A14 CORNER-FWT

STANDARD HARDWARE (grid ceiling applications)



Notes:

- Fixtures are provided with adjustable length aircraft cables and choice of T-bar (standard) or optional hard pan ceiling hardware, must specify. See Fluorescent Information section for details.
- Electrical supply is brought into the feeder fixture, either as part of a row or as an individual mount unit. Joiner fixtures complete the row.