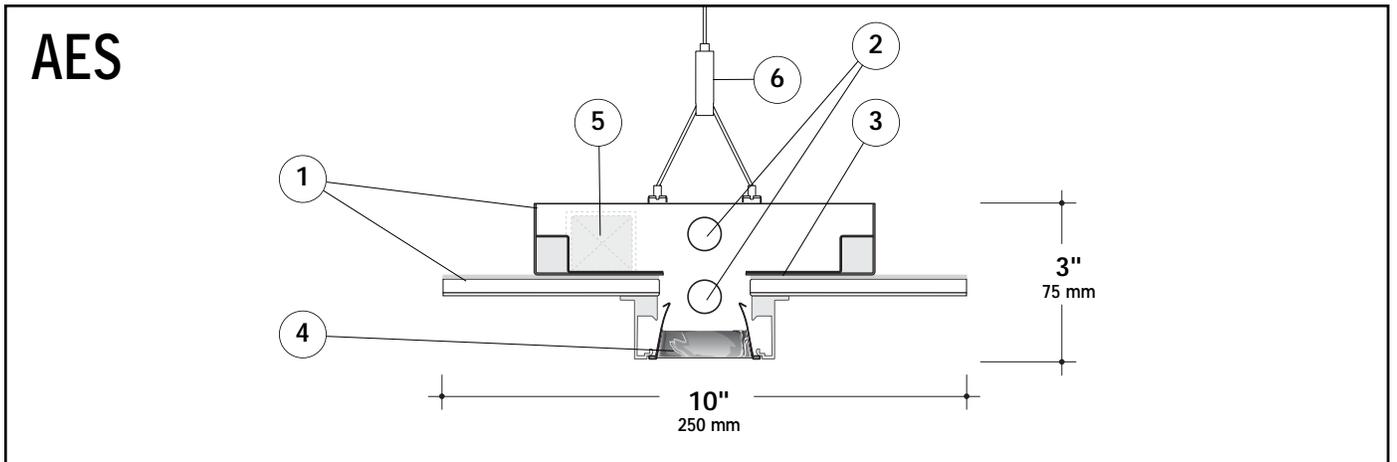




Project: _____ Type: _____ Qty. _____

AES - - - - C - - - -
 Fixture Series Lamp Type Shielding Mounting Linear Footage Finish Voltage Options
 -
 Options (cont.)

Series	Lamp Type	Shielding	Mounting	Linear Footage	Finish	Voltage	Options
AES Aureus* Direct/ Indirect	1T5 F21/28T5	M Matte Aluminum Parabolic	C Cable	3 3 4 4' Other lengths are available by combining stan- dard modules (consult factory).	WH White BK Black SV Silver	120	Ballast Options EM Emergency Ballast (consult factory) DM Dimming Ballast (consult factory)
	2T5 F21/28T5						
	1T5HO F39/54T5HO						
	2T5HO F39/54T5HO						
* US Patent No. 6,161,939						** Consult factory for availability	



**Union Made
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IBEW Local 363**



1. Construction - Housing of 6063-T5, extruded aluminum profiles, with integral connection/suspension/socket bracket. Flat, multilayered, self-illuminating Aureus acrylic wings on both sides, satinized surface is scratch and dirt resistant (US Patent No. 6,161,939). Top of wings is covered to provide a clean uniform appearance. Approximate weight of assembled fixture = 4 lbs./ ft.

2. Lamps - F21/28T5 or F39/54T5HO fluorescent lamps (by others). Other lamp lengths and wattages available (consult factory).

3. Reflector - 0.025" thick, clear specular aluminum.

4. Shielding - Specify aluminum parabolic louver in silky specular or matte silver.

5. Ballast - Electronic, high power factor, class "P", type "A" sound rating. Specify 120v, 277v, or 347v. Ballast is factory pre-wired with leads to one end of fixture. Consult factory for ballast options.

6. Suspensions - Aircraft cable with straight 18-3 SVT cord. Cable suspension is delivered with a spring loaded, quick release gripper for easy vertical adjustment. Suspensions are 2 ft. from ceiling to top of luminaire and are field cuttable. Supplied with 5" diameter canopy at feed location and 2" diameter canopy at non-feed locations. Other lengths available (consult factory).

Interior Luminaire Finish - Standard interior colors are White (WH), Black (BK), Bronze (BZ), and Silver (SV). RAL colors (SP) are available, please specify RAL#.

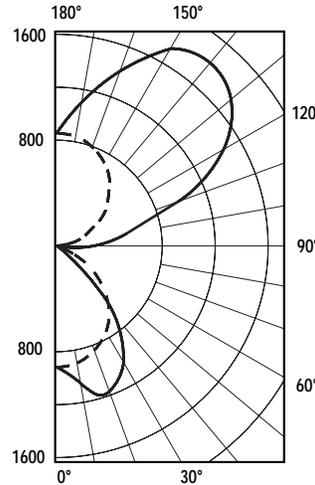
SELUX Corp. © 2003
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 E-mail: seluxus@selux.com
 Web Site: www.selux.com/usa
 AES-0503-01 (ss-V3.11)

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.com/usa are the most recent versions and supersede all other printed or electronic versions.

Aureus Photometry

Catalog #: AES-2T5HO-MP
 Lamp: 2x F54T5HO @ 4650 lumens
 ITL Report #: SX4443-54
 Luminaire
 Efficiency: 86%
 Maximum
 Candela: 1807@140° (Indirect)

0° Horizontal Plane is parallel with the lamp.
 90° Horizontal Plane is perpendicular to the lamp.



CANDELA DISTRIBUTION					
	0.0	22.5	45.0	67.5	90
0	640	640	640	640	640
15	613	737	812	737	613
45	377	393	245	393	377
75	31	58	90	58	31
90	3	2	1	2	3
105	111	441	593	441	111
135	397	1014	1251	1014	397
165	573	760	872	760	573
180	593	593	593	593	593

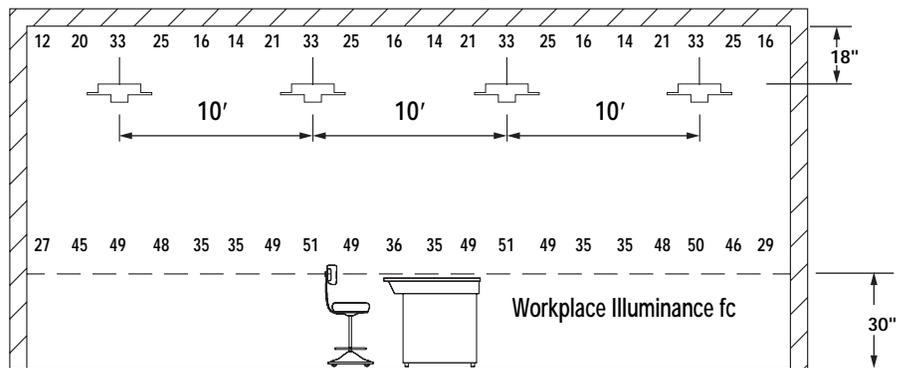
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT.
0-30	600	9	11
0-40	970	15	17
0-60	1403	22	25
0-90	1589	24	28
90-120	1246	19	22
90-150	3316	51	59
90-180	3993	61	72
0-180	5582	86	100

Sample Room Calculation

Catalog #: AES-1T5-MP
 Lamping: 1T5F21 @ 2900 lumens
 Room: 40' x 40'
 Ceiling Height: 9'
 Reflectance: 80/50/20
 Light Loss Factor: 0.80
 Suspension: 18"
 Data Spacing: 2' O.C.

Spacing	Ceiling Uniformity Ratio	Avg Fc
8'	2.2:1	49.2
10'	3.4:1	40.1
12'	8.5:1	30.3

Ceiling Exitance (lm/ft²)

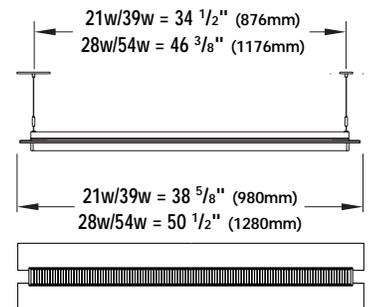
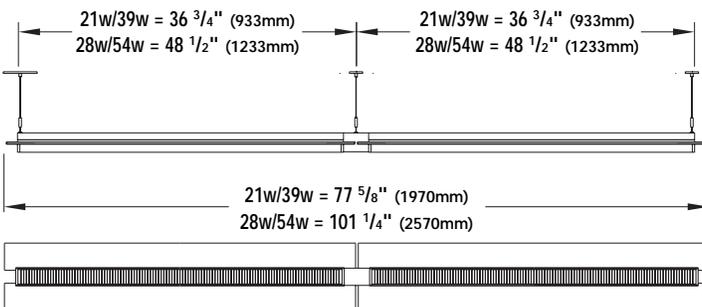


Photometric Performance

To avoid excessive ceiling brightness, the illumination on the ceiling should be evenly distributed. In a VDT intensive environment, better uniformity will result in less noticeable glare on the screen. Ratios up to 8:1 are acceptable; however, 4:1 is achievable and more desirable. If VDTs are not present, higher ceiling ratios may be allowed. (IESNA, RP-1) The Aureus linear system with single T5 lamps is ideal for the modern VDT environment. The double T5 and HO versions are ideal for higher ceilings or where higher illuminance levels are required. The Aureus linear system allows today's lighting designers to specify extruded aluminum fixtures which meet or exceed RP-1 uniformity recommendations.

Layout Dimensions

Basic standard layouts and dimensions are available from factory upon request.



For combining modules please consult factory.