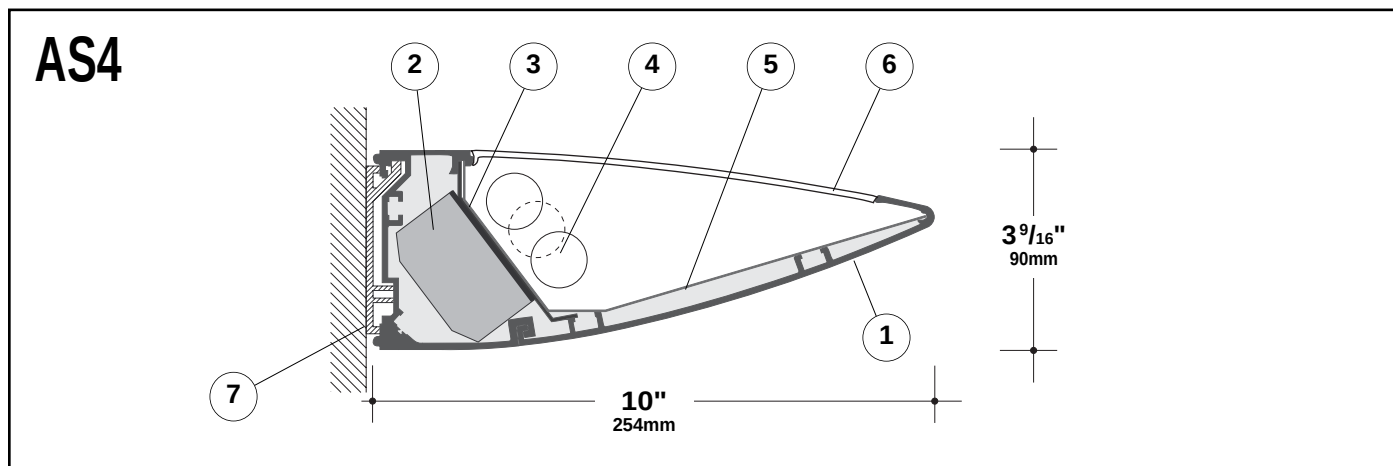




Project: \_\_\_\_\_ Type: \_\_\_\_\_ Qty. \_\_\_\_\_

| AS4             | —         | —         | —              | —      | —       | —       |
|-----------------|-----------|-----------|----------------|--------|---------|---------|
| Fixture Series  | Lamp Type | Shielding | Linear Footage | Finish | Voltage | Options |
| —               | —         | —         | —              | —      | —       | —       |
| Options (cont.) |           |           |                |        |         |         |

| Series                                                           | Lamp Type                                             |             |                                                                                   | Shielding                          | Linear Footage                                                                                                                                                | Finish             | Voltage | Options                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------|-------------------------------------------------------|-------------|-----------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AS4<br>Artec® S4<br>Asymmetric<br>Linear<br>Series<br>Wall Mount | 1T8                                                   | 1 x FO32T8  |  | D Acrylic<br>Prismatic<br>Diffuser | Indicate nominal length<br>rounded to the next<br>highest foot, using three<br>digits, i.e. <b>012, 128</b> , etc.<br>Factory will supply<br>layout drawings. | WH White           | 120     | <b>Ballast Options</b><br>EM Stand-by Battery Pack (consult factory)<br>DM Dimming Ballast (consult factory)                                                                                                                                               |
|                                                                  | 2T8                                                   | 2 x FO32T8  |  |                                    |                                                                                                                                                               | BK Black           | 277     |                                                                                                                                                                                                                                                            |
|                                                                  | 1T5                                                   | 1 x F28T5   |  | X None                             |                                                                                                                                                               | SV Silver          | 347     | <b>Wiring Options</b><br>FS Single Fusing<br><br>(the following options for multiple lamp<br>units only - refer to wiring data sheets)<br>TC Tandem Wiring (Parallel Circuits)<br>TA Tandem Wiring (Staggered Circuits)<br>TM Tandem Wiring (Job Specific) |
|                                                                  | 2T5                                                   | 2 x F28T5   |  |                                    |                                                                                                                                                               | SP Specify<br>RAL# |         |                                                                                                                                                                                                                                                            |
|                                                                  | 1T5HO                                                 | 1 x F54T5HO |  |                                    |                                                                                                                                                               |                    |         |                                                                                                                                                                                                                                                            |
|                                                                  | 2T5HO                                                 | 2 x F54T5HO |  |                                    |                                                                                                                                                               |                    |         |                                                                                                                                                                                                                                                            |
|                                                                  | T5 Long Twin Tube Lamps<br>available, consult factory |             |                                                                                   |                                    |                                                                                                                                                               |                    |         |                                                                                                                                                                                                                                                            |



Union Made  
Affiliated with  
IBEW Local 363



**1. Construction** - Two piece 6063-T5, extruded aluminum with integral mounting detail. Continuous runs are joined with four steel bars to assure a uniform appearance. Approximate weight of assembled fixture = 4 lbs./ ft.

**2. Ballast** - Electronic ESB, 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.

**3. Gear Tray** - Fabricated steel geartray with painted white finish.

**4. Lamps** - As noted (by others). Other lamp lengths and wattages available (consult factory).

**5. Reflector** - Precision formed, low-iridescent, highly specular hammertone, 0.025" thick aluminum reflector.

**6. Shielding** - Specify extruded acrylic prismatic diffuser or none. Lens is continuous in (maximum) 5' increments, to protect against dust and ensure high luminaire efficiency. Lens snaps in place facilitating removal and lamp replacement.

**7. Mounting** - Separate extruded aluminum wall mounting profile attaches to construction with lag-bolts (by others). Fixture assembly attaches to wall mounting extrusion with hardware supplied and installed by others. Assembly should be fed as per NEC through 2 x 4 horizontally

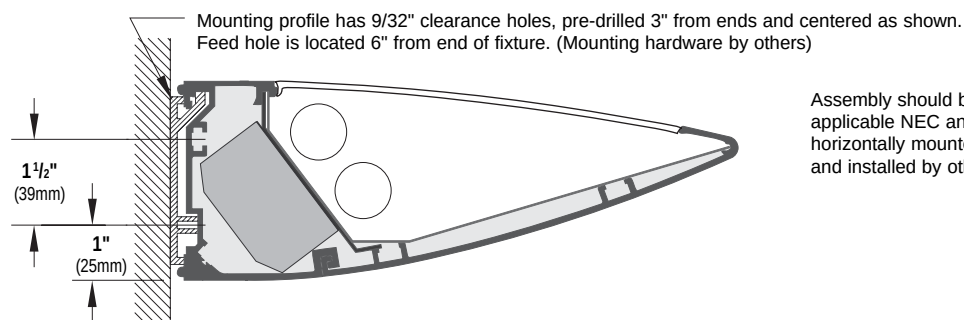
mounted junction box (by others).

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

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PO Box 1060, 5 Lumen Lane  
Highland, NY 12528  
TEL: (845) 691-7723  
FAX: (845) 691-6749  
E-mail: seluxus@selux.com  
Web Site: www.selux.com/usa  
AS4-0504-01 (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](http://www.selux.com/usa) are the most recent versions and supersede all other printed or electronic versions.

## Mounting



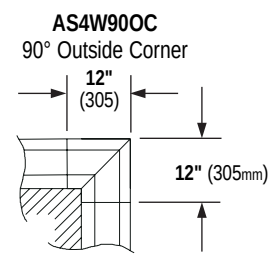
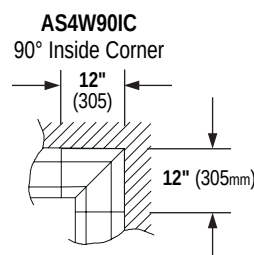
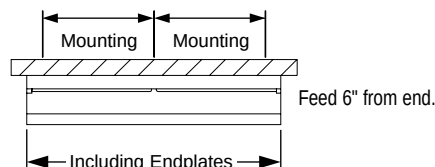
Assembly should be fed and installed per any applicable NEC and local codes through 2 x 4 horizontally mounted junction box (supplied and installed by others).

## Layout Dimensions

For other lengths, lamping, continuous rows, or other configurations, please specify overall length (in feet), along with accessories desired, sketch/drawing of configuration and SELUX will detail project drawings upon order and supply submittal drawings for approval. If you have any questions please contact SELUX customer service or applications engineering for assistance (1-800-SELUX-CS).

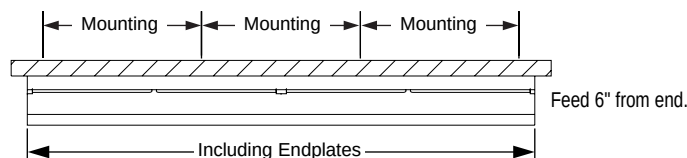
### Nominal 4 foot Individual

Standard Mounting Centers



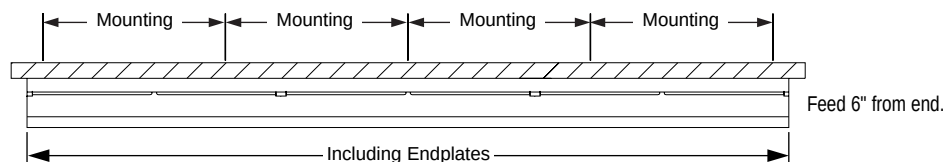
### Nominal 8 foot Individual

Standard Mounting Centers



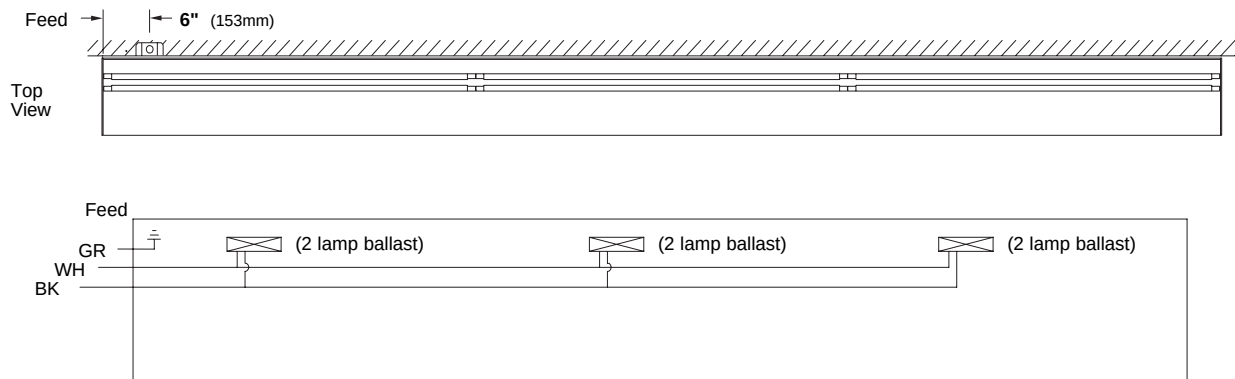
### Nominal 12 foot Individual

Standard Mounting Centers

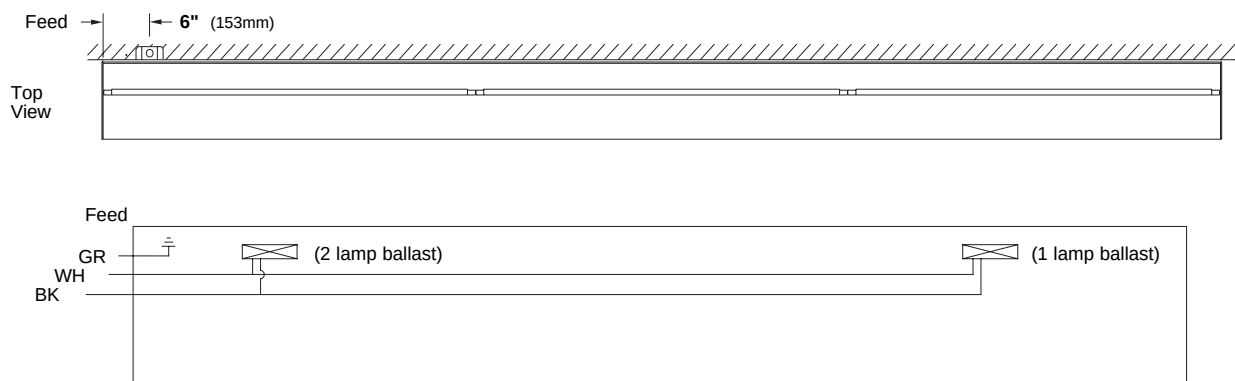


|                    | T5 (1 or 2 lamp)    |                | T8 (1 or 2 lamp)    |                |
|--------------------|---------------------|----------------|---------------------|----------------|
|                    | Including Endplates | Mounting       | Including Endplates | Mounting       |
| 4 foot individual  | 46.56" (1183mm)     | 20.16" (512mm) | 48.56" (1233mm)     | 21.16" (537mm) |
| 8 foot individual  | 92.88" (2359mm)     | 28.88" (733mm) | 96.88" (2461mm)     | 30.21" (767mm) |
| 12 foot individual | 139.19" (3535mm)    | 33.23" (844mm) | 145.19" (3688mm)    | 34.73" (882mm) |

## Standard Wiring (2 lamp fixtures)

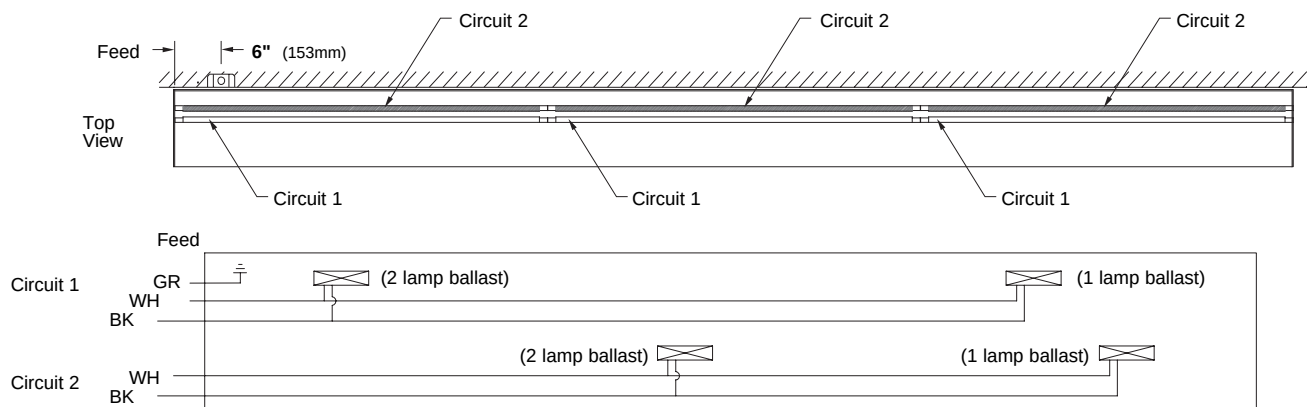


## Standard Wiring (1 lamp fixtures)



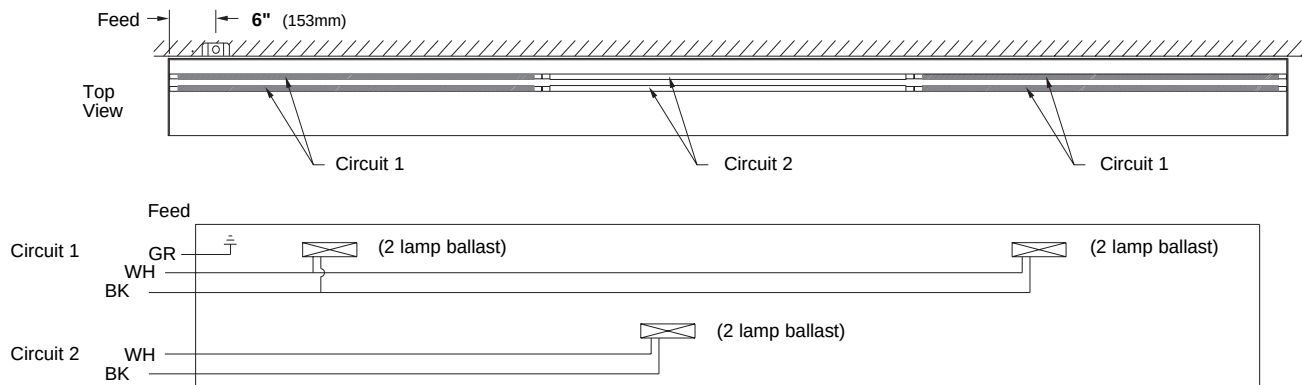
## Tandem Wiring (Parallel Circuits / 2 lamp fixtures)

Ordering Code: TC



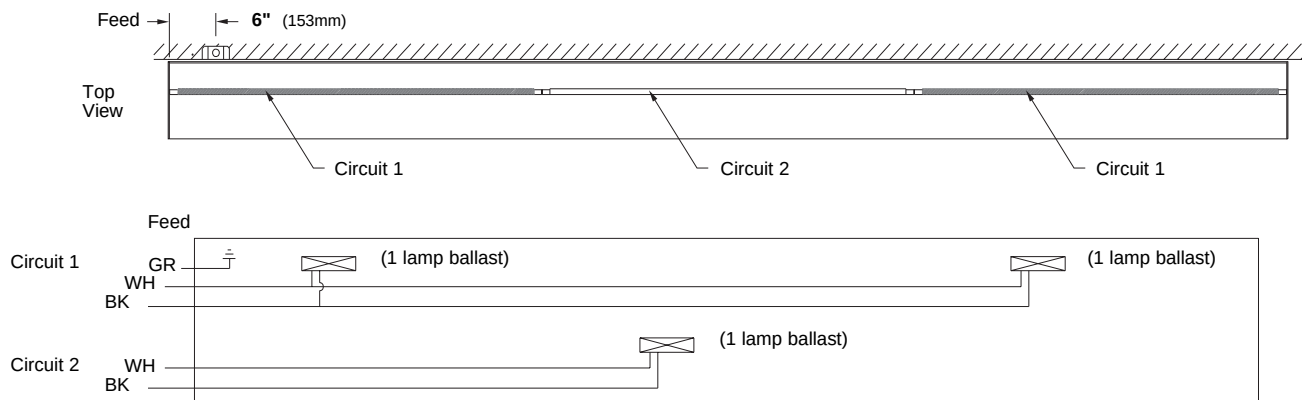
## Tandem Wiring (Staggered Circuits / 2 lamp fixtures)

Ordering Code: **TA**



## Tandem Wiring (Staggered Circuits / 1 lamp fixtures)

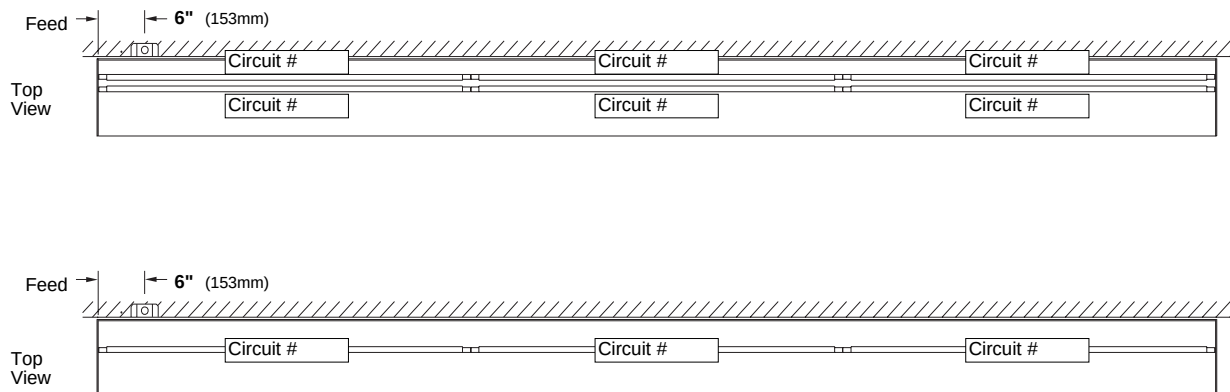
Ordering Code: **TA**



## Tandem Wiring (Job Specific Circuitry / 1 or 2 lamp fixtures)

Ordering Code: **TM**

Note: Specify circuits for each lamp.



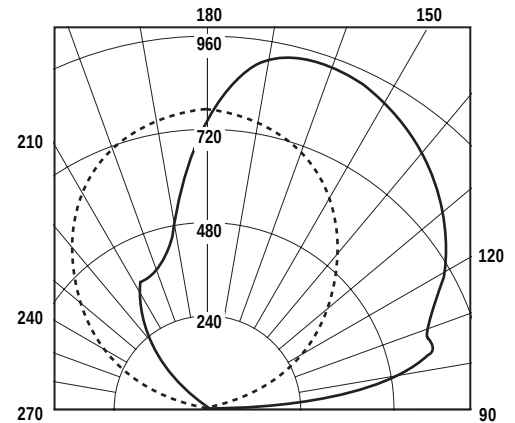
## Photometric Data

Catalog #: **AS4-1T8-X**  
 Lamp: **1 X FO32T8**  
 @ 2850 lumens  
 ITL Report #: **17296**  
 Luminaire  
 Efficiency: **75.4%**  
 Maximum  
 Candela: **942 @ 160**

Consult our Applications Department for  
 information or layouts of other  
 lamp/ ballast options and photometrics.

Vertical Plane through  
 Horizontal Angles 0-180  
 {Parallel to lamp}

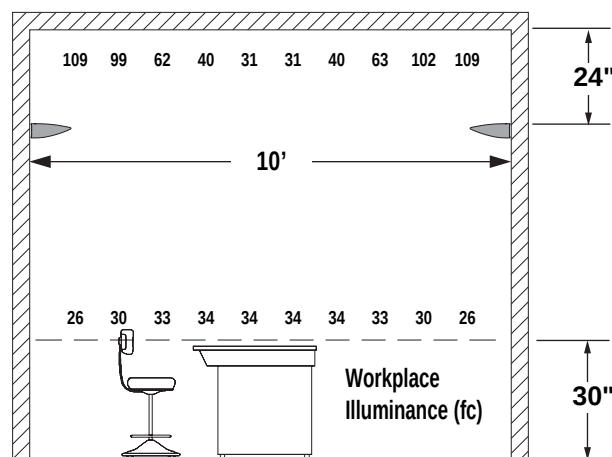
Vertical Plane through  
 Horizontal Angles 90-270  
 (Through Max Cd)  
 {Perpendicular to lamp}



Sample Room 1: **10' x 12'**  
 Ceiling Height: **9'**  
 Reflectance: **80/50/20**  
 Light Loss Factor: **0.80**  
 Suspension: **24"**  
 Data Spacing: **1' O.C.**

| Spacing   | Ceiling Uniformity Ratio | Avg Fc    |
|-----------|--------------------------|-----------|
| <b>9'</b> | <b>5:1</b>               | <b>28</b> |

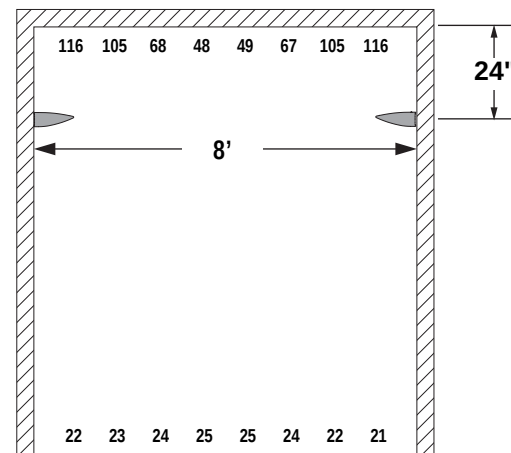
### Ceiling Exitance (lm/ ft²)



Hallway: **8' x 12'**  
 Ceiling Height: **10'**  
 Reflectance: **80/50/20**  
 Light Loss Factor: **0.80**  
 Suspension: **24"**  
 Data Spacing: **1' O.C.**

| Spacing                  | Ceiling Uniformity Ratio | Avg Fc    |
|--------------------------|--------------------------|-----------|
| <b>7' (against wall)</b> | <b>3:1</b>               | <b>21</b> |

### 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 Artec® S4 Indirect linear system allows today's lighting designers to specify extruded aluminum fixtures at maximum spacing which meet or exceed RP-1 uniformity recommendations.