

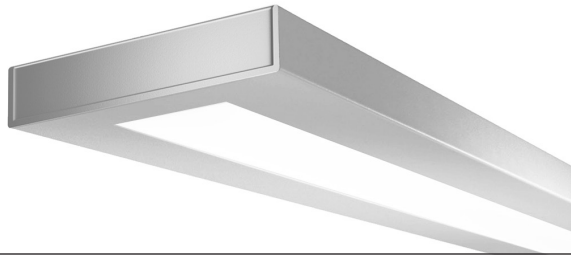
# Sync Fluorescent

Suspended

Direct/Indirect

2 T5HO



Project Name

Spec Type

Notes

## Order Guide

Some combinations of product options may not be available. Consult factory for assistance with your specification.

<b>7406</b>	<b>H02</b>			-		-		-	<b>E</b>		
Product Series & Type Direct/Indirect	Lamping 2 T5HO	Lower Optics <b>Q</b> MesoOptics Lens	Upper Optics <b>N</b> None <b>G</b> 80% Down Kit <b>J</b> 100% Down Kit	Run Length <b>04</b> 4ft <b>08</b> 8ft	Wiring <b>1</b> 1 cct <b>2</b> 2 cct <b>3</b> 1 cct w/ Emergency cct <b>4</b> 2 cct w/ Emergency cct <b>5</b> 1 cct w/ Battery Pack <b>6</b> 2 cct w/ Battery Pack <b>7</b> 1 cct Dimming	Voltage <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	Finish <b>W</b> White <b>T</b> Titanium Silver <b>B</b> Black <b>C</b> Custom Color	Controls <b>DS</b> Daylight Response Sensor	<p>E = Standard Ballast See reverse for details.</p> <p>For details visit <a href="http://ledalite.com/response">ledalite.com/response</a></p>		
<h3>Mounting Hardware</h3> <p>Mount Type <input type="text"/></p> <p>Suspension Length <input type="text"/></p> <p>Consult separate mounting spec sheet for mount type options</p> <p>Enter distance from ceiling to top of fixture in inches</p>											

Note: Downlight kits change lumen output. See reverse for details.

Consult website for complete list of available wiring options

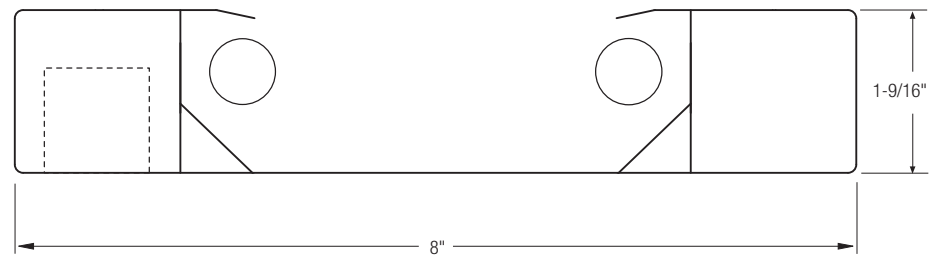
## Upgrades & Accessories

Please indicate with check mark.

Lamps Included

Sculpted EndCap

Note: Some combinations of product options may not be available.



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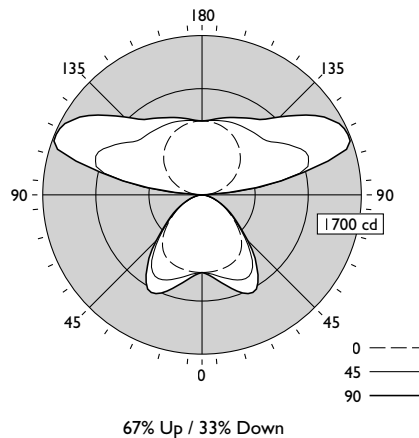
## Photometry MesoOptics Lens

<b>Report No.</b>	9901155	<b>Input Watts</b>	120 W
<b>Efficiency</b>	0.86%	<b>Ballast Factor</b>	1
<b>Efficacy</b>	64.6 lm/W	<b>Peak/Zenith Ratio*</b>	2.1:1
<b>Total Lumens</b>	7748 lm	<b>Peak Candela Value*</b>	1685 @ 113
<b>Rated Lamp Lumens</b>	4500 lm	<b># of Lamps</b>	2

Meets RP-1-04 recommendations for VDT-Normal spaces \* Between 90-180° vertical angle

## Candela Distribution

Vertical Angle	Horizontal Angle				Zonal Lumens
	0	22.5	45	67.5	
0	829	829	829	829	829
5	828	833	843	848	860
15	818	847	917	964	1001
25	793	860	1000	1108	1163
35	724	812	941	1047	1042
45	573	626	648	703	691
55	377	397	391	418	410
65	219	228	217	240	225
75	93	101	93	105	100
85	13	17	17	22	18
90	0	0	0	0	0
95	70	312	358	252	289
105	209	639	1170	1254	1392
115	352	594	1163	1556	1674
125	469	625	976	1363	1476
135	579	682	875	1103	1177
145	663	733	853	965	989
155	726	764	839	897	909
165	767	783	818	851	850
175	787	790	796	803	799
180	789	789	789	789	789



**Spacing Criteria**  
N/A @ 0°  
N/A @ 90°  
N/A @ 180°

## Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0			
	70	50	30	10	70	50	30	10	50	30	10	0	50	30	10	0
0 RCR	89	89	89	89	80	80	80	80	64	64	64	29				
1	81	78	75	72	73	70	68	56	54	53	25					
2	74	68	63	59	67	62	57	50	47	44	21					
3	68	60	54	49	61	54	49	44	40	37	18					
4	62	53	47	42	56	48	43	39	35	32	16					
5	57	47	41	36	51	43	37	35	31	27	14					
6	52	42	36	31	47	39	33	31	27	24	12					
7	48	38	32	27	43	35	29	28	24	21	11					
8	45	35	28	24	40	32	26	26	22	18	10					
9	42	31	25	21	37	29	23	24	19	16	9					
10	39	29	23	19	35	26	21	22	18	15	8					

\*Based on a floor reflectance of 0.2

## Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	6103	6330	6622
65	4813	4761	4943
75	3322	3322	3570
85	1373	1841	1948

IES files for this and other photometric options can be downloaded online at [ledalite.com](http://ledalite.com)

## Additional Information

### Modules

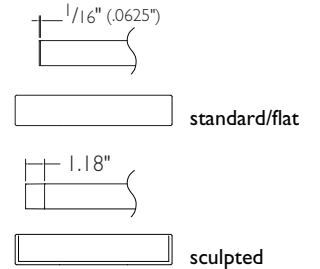
Module length excludes endcaps.  
Nominal mount spacing for individually mounted modules.

Module	Mount Spacing*
4ft	4' 0"
8ft	8' 0"

\* Refer to installation instructions for exact mount spacing

### Endcap

Available in standard flat and sculpted versions.



### Upper Optics



### Switching Options

**2 cct A/B switching (module to module)\***

Cross-section view of distribution: Symmetric distribution. Every other lens is illuminated.

Bottom view of 8ft module:

**2 cct left/right (L/R) switching**

Cross-section view of distribution: Asymmetric distribution. Lenses are not evenly illuminated and ceiling distribution is uneven.

Bottom view of 8ft module:

**1 cct step dimming\***

Cross-section view of distribution: Symmetric distribution. Lenses are uniform and evenly illuminated.

Bottom view of 8ft module:

\* consult factory for ordering information

## Specifications

Due to continuing product improvements, Ledalite reserves the right to change specifications without notice.

### Housing

Die-formed 18 gauge cold-rolled steel.

### Weight

3.5 lb/ft.

### Optical System

High efficiency optical system providing an optimal direct/indirect distribution. Lower optics consist of a flat acrylic panel with a layer of MesoOptics film that provides a controlled distribution in the lower hemisphere.

T5/T5HO upper optics include high performance Miro IV specular reflectors that provide a wide-spread batwing to evenly illuminate the ceiling (T8 upper optics are painted high reflective white).

Standard distribution is 70% up / 30% down. Optional field-installable variable optics kits provide additional downlight as required.

### Endcaps

Die-cast endcaps.

### Joints

Self-aligning joining system with hands-free pre-joining wire access.

### Mounting

Aircraft cable gripper is tamper-resistant and provides infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper independently tested to meet stringent safety requirements.

### Electrical

Factory pre-wired to section ends with quick-wire connectors.

### Ballast

Electronic. Supplied with pre-installed ballast disconnects as per changes to the National Electrical Code.

### Approvals

Certified to UL and CSA standards.

### Finish

High-quality powder coat. Available in Ledalite Standard White (textured matte finish), and a selection of other factory and customer-specified colors. Consult factory for details.