

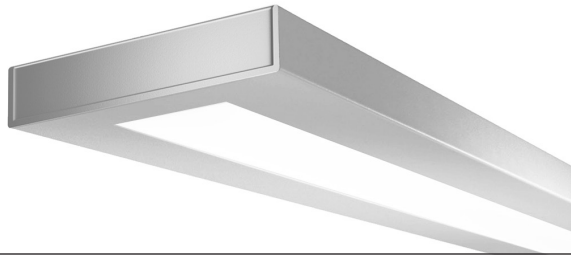
Sync Fluorescent

Suspended

Direct/Indirect

2 T8



Project Name

Spec Type

Notes

Order Guide



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

7406	T02			-		-		-	E						
Product Series & Type Direct/Indirect	Lamping 2 T8	Lower Optics Q MesoOptics Lens	Upper Optics N None G 80% Down Kit J 100% Down Kit	Run Length 04 4ft 08 8ft	Wiring 1 1 cct 2 2 cct 3 1 cct w/ Emergency cct 4 2 cct w/ Emergency cct 5 1 cct w/ Battery Pack 6 2 cct w/ Battery Pack	Voltage 1 120V 2 277V	Finish W White T Titanium Silver B Black C Custom Color	Controls DS Daylight Response Sensor	<p>E = Standard Ballast See reverse for details.</p> <p>For details visit ledalite.com/response</p>						
<h3>Mounting Hardware</h3> <table border="1"> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>Mount Type Consult separate mounting spec sheet for mount type options</td> <td>Suspension Length Enter distance from ceiling to top of fixture in inches</td> </tr> </table>												<input type="text"/>	<input type="text"/>	Mount Type Consult separate mounting spec sheet for mount type options	Suspension Length Enter distance from ceiling to top of fixture in inches
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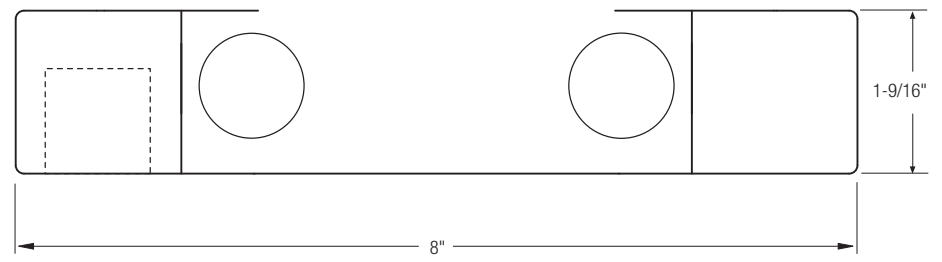
Upgrades & Accessories

Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Dust Cover
<input type="checkbox"/> Sculpted EndCap	

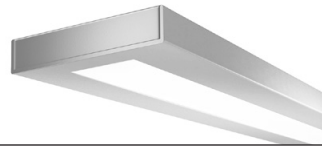



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Sync Fluorescent

Suspended
Direct/Indirect
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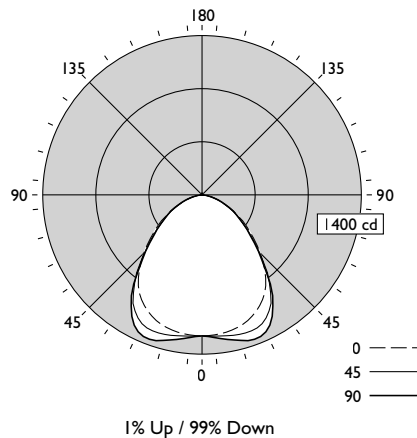
Photometry MesoOptics Lens with 100% Down Kit

Report No.	9901149	Input Watts	54 W
Efficiency	0.53%	Ballast Factor	1
Efficacy	58.1 lm/W	Peak/Zenith Ratio*	N/A:1
Total Lumens	3137 lm	Peak Candela Value*	N/A @ N/A
Rated Lamp Lumens	2950 lm	# of Lamps	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	1240	1240	1240	1240	1240
5	1236	1240	1247	1251	1259
15	1206	1227	1270	1308	1324
25	1127	1179	1250	1319	1328
35	976	1022	1051	1104	1083
45	724	749	708	734	702
55	475	473	439	456	441
65	267	280	255	272	262
75	115	120	112	125	110
85	12	20	20	24	22
90	0	0	0	0	0
95	2	4	5	6	5
105	5	5	5	5	5
115	6	6	6	6	6
125	6	7	8	7	6
135	6	9	9	9	6
145	7	10	10	10	6
155	8	9	12	12	5
165	8	8	10	14	3
175	8	8	8	8	1
180	8	8	8	8	8



Spacing Criteria
1.27 @ 0°
1.37 @ 90°
N/A @ 180°

Coefficients of Utilization (%)

Ceiling:	80				70				50				0			
	70	50	30	10	70	50	30	10	50	30	10	0	30	10	0	
0 RCR	63	63	63	63	62	62	62	59	59	59	52					
1	58	56	54	52	57	55	53	53	51	50	45					
2	54	50	47	44	52	49	46	47	44	42	39					
3	49	44	40	37	48	43	40	42	39	36	34					
4	46	40	35	32	44	39	35	38	34	31	29					
5	42	36	31	28	41	35	31	34	30	28	26					
6	39	32	28	25	38	32	28	31	27	24	23					
7	36	30	25	22	35	29	25	28	24	22	20					
8	34	27	23	20	33	27	23	26	22	20	18					
9	32	25	21	18	31	25	21	24	20	18	17					
10	30	23	19	16	29	23	19	22	19	16	15					

*Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	7687	7096	7138
65	5854	5606	5742
75	4104	4014	3932
85	1309	2161	2320

IES files for this and other photometric options can be downloaded online at ledalite.com

Additional Information

Modules

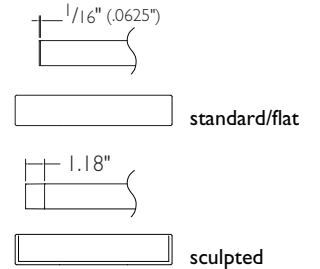
Module length excludes endcaps.
Nominal mount spacing for individually mounted modules.

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

<p>2 cct A/B switching (module to module)*</p> <p>Cross-section view of distribution</p> <p>Symmetric distribution. Every other lens is illuminated.</p> <p>Bottom view of 8ft module</p> <p>* consult factory for ordering information</p>	<p>2 cct left/right (L/R) switching</p> <p>Asymmetric distribution. Lenses are not evenly illuminated and ceiling distribution is uneven.</p> <p>Bottom view of 8ft module</p> <p>* consult factory for ordering information</p>	<p>1 cct step dimming*</p> <p>Symmetric distribution. Lenses are uniform and evenly illuminated.</p> <p>Bottom view of 8ft module</p> <p>* consult factory for ordering information</p>
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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.