

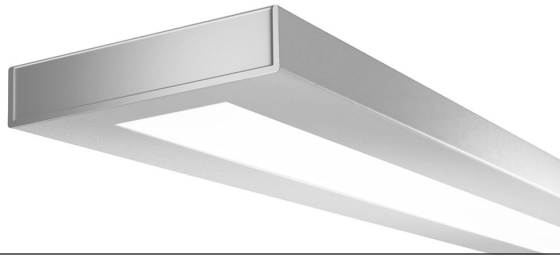
Sync Fluorescent

Suspended

Direct/Indirect

2 T5



Project Name

Spec Type

Notes

Order Guide

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

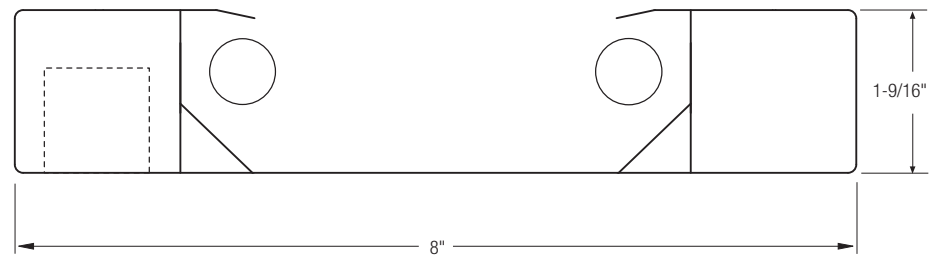
7406	F02			-		-		-	E						
Product Series & Type Direct/Indirect	Lamping 2 T5	Lower Optics Q MesoOptics Lens	Upper Optics N None G 80% Down Kit J 100% Down Kit	Run Length 04 4ft 08 8ft	Wiring 1 1 cct 2 2 cct 3 1 cct w/ Emergency cct 4 2 cct w/ Emergency cct 5 1 cct w/ Battery Pack 6 2 cct w/ Battery Pack 7 1 cct Dimming	Voltage 1 120V 2 277V 3 347V	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>Mount Type</td> <td>Suspension Length</td> </tr> <tr> <td>Consult separate mounting spec sheet for mount type options</td> <td>Enter distance from ceiling to top of fixture in inches</td> </tr> </table>												Mount Type	Suspension Length	Consult separate mounting spec sheet for mount type options	Enter distance from ceiling to top of fixture in inches
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Upgrades & Accessories

Please indicate with check mark.

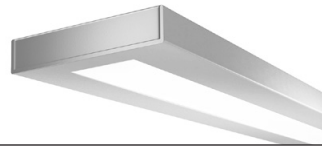
<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Dust Cover
<input type="checkbox"/> Sculpted EndCap	

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



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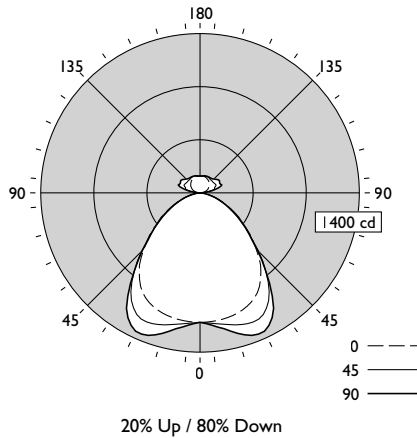
Photometry MesoOptics Lens with 80% Down Kit

Report No.	9901152	Input Watts	64 W
Efficiency	0.73%	Ballast Factor	1
Efficacy	59.4 lm/W	Peak/Zenith Ratio*	N/A:1
Total Lumens	3799 lm	Peak Candela Value*	N/A @ N/A
Rated Lamp Lumens	2600 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	1138	1138	1138	1138	1138
5	1136	1141	1151	1156	1167
15	1116	1143	1201	1251	1279
25	1062	1118	1224	1314	1341
35	927	992	1060	1126	1107
45	697	732	728	743	718
55	454	465	435	462	447
65	261	262	248	266	250
75	111	114	106	117	107
85	14	18	17	19	15
90	0	0	0	0	0
95	14	23	37	36	42
105	48	83	132	150	165
115	76	101	155	178	193
125	99	117	150	188	198
135	115	127	148	170	172
145	130	138	150	164	160
155	140	144	155	163	159
165	148	149	153	157	155
175	149	150	149	149	148
180	148	148	148	148	148



Spacing Criteria
1.3 @ 0°
1.45 @ 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	83	83	83	83	80	80	80	80	73	73	73	58				
1	77	74	71	69	74	71	69	74	65	63	62	51				
2	71	65	61	57	67	63	59	58	55	52	43					
3	65	58	53	49	62	56	51	52	48	44	37					
4	60	52	46	42	57	50	45	46	42	38	32					
5	55	47	41	36	53	45	39	42	37	34	29					
6	51	42	36	32	49	41	35	38	33	30	25					
7	47	38	32	28	45	37	31	34	30	26	22					
8	44	35	29	25	42	34	28	32	27	24	20					
9	41	32	26	23	39	31	26	29	25	21	18					
10	38	29	24	20	37	29	24	27	22	19	17					

*Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	7337	7041	7222
65	5718	5445	5494
75	3971	3803	3842
85	1469	1799	1628

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

Additional Information

Modules

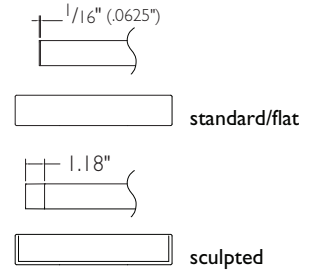
Module length excludes endcaps.
Nominal mount spacing for individually mounted modules.

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

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: Shows two modules with alternating shaded and unshaded lenses.

2 cct left/right (L/R) switching

Asymmetric distribution. Lenses are not evenly illuminated and ceiling distribution is uneven.

Bottom view of 8ft module: Shows two modules with shaded lenses on opposite sides.

1 cct step dimming*

Symmetric distribution. Lenses are uniform and evenly illuminated.

Bottom view of 8ft module: Shows two modules with uniformly shaded lenses.

* 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.