

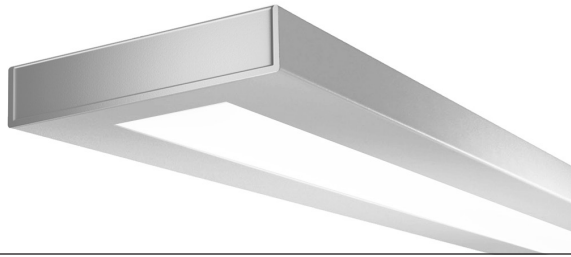
Sync Fluorescent

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

Consult website for complete list of available wiring options

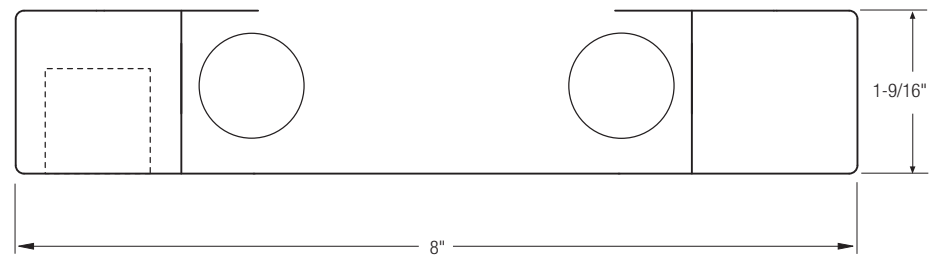
Upgrades & Accessories

Please indicate with check mark.

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

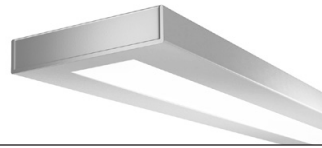



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Sync Fluorescent

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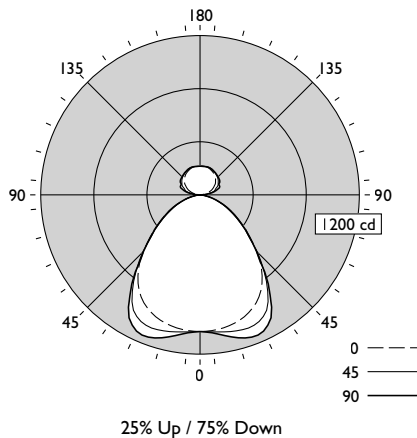
Photometry MesoOptics Lens with 80% Down Kit

Report No.	9901148	Input Watts	55 W
Efficiency	0.59%	Ballast Factor	1
Efficacy	63.2 lm/W	Peak/Zenith Ratio*	N/A:1
Total Lumens	3475 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	1030	1030	1030	1030	1030
5	1027	1030	1036	1039	1043
15	1001	1021	1061	1097	1115
25	939	983	1053	1117	1133
35	814	861	889	946	920
45	601	634	613	623	602
55	389	402	375	393	380
65	224	233	214	237	224
75	98	103	94	103	96
85	13	18	14	18	14
90	0	0	0	0	0
95	17	24	40	39	50
105	60	81	111	120	125
115	103	117	143	154	162
125	139	150	167	179	182
135	166	173	187	193	192
145	188	193	200	205	202
155	203	205	214	215	212
165	214	215	218	220	218
175	217	217	217	216	216
180	216	216	216	216	216



Spacing Criteria
1.27 @ 0°
1.39 @ 90°
N/A @ 180°

Coefficients of Utilization (%)

Ceiling:	80				70				50				0			
	70	50	30	10	70	50	30	10	50	30	10	0	50	30	10	0
0 RCR	67	67	67	67	63	63	63	63	57	57	57	44	57	57	57	44
1	61	59	57	55	58	56	54	51	51	50	48	38	51	50	48	38
2	56	52	49	46	54	50	47	45	43	41	33	33	43	41	33	33
3	52	46	42	39	49	44	40	40	37	35	28	28	37	35	28	28
4	48	41	37	33	45	40	35	36	33	30	25	25	36	33	30	25
5	44	37	32	29	42	36	31	33	29	26	22	22	33	29	26	22
6	41	33	29	25	39	32	28	30	26	23	19	19	30	26	23	19
7	38	30	26	22	36	29	25	27	23	21	17	17	27	23	21	17
8	35	28	23	20	33	27	22	25	21	19	15	15	25	21	19	15
9	33	25	21	18	31	25	20	23	19	17	14	14	23	19	17	14
10	31	23	19	16	29	23	19	21	18	15	13	13	21	18	15	13

*Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	6286	6071	6152
65	4921	4697	4912
75	3516	3376	3437
85	1405	1522	1437

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

Additional Information

Modules

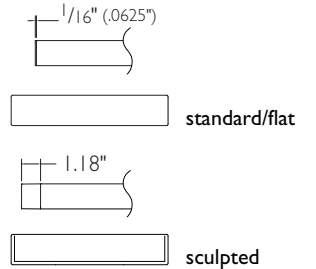
Module length excludes endcaps.
Nominal mount spacing for individually mounted modules.

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: [Diagram showing alternating illuminated and non-illuminated lenses]

* consult factory for ordering information

2 cct left/right (L/R) switching

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

Bottom view of 8ft module: [Diagram showing uneven illumination]

* consult factory for ordering information

1 cct step dimming*

Symmetric distribution. Lenses are uniform and evenly illuminated.

Bottom view of 8ft module: [Diagram showing uniform illumination]

* 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.