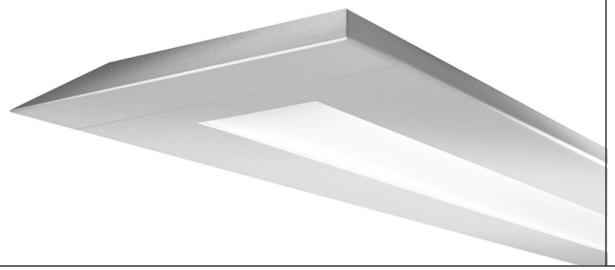
Verge Fluorescent

Suspended

Direct/Indirect

2 T5

mesoOptics RESPONSE airwave



Project Name

Spec Type

Notes

Order Guide

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

7606	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

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

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

Consult website for complete list of available wiring options

Voltage
1 120V
2 277V

E = Standard Ballast
See reverse for details.

Finish
W White
T Titanium Silver
B Black
C Custom Color

Controls
DS Daylight Response Sensor

For details visit ledalite.com/response

Mounting Hardware

Mount Type	Suspension Length
Consult separate mounting spec sheet for mount type options	Enter distance from ceiling to top of fixture in inches

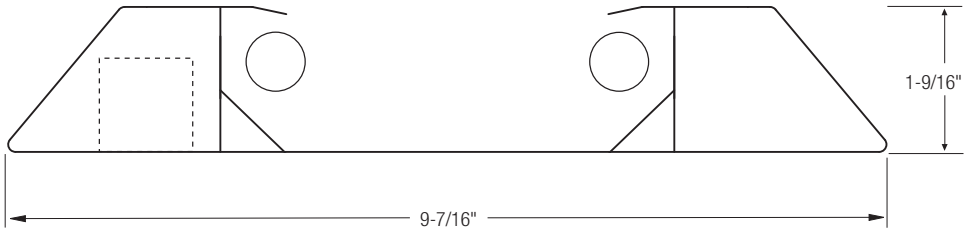
Upgrades & Accessories

Please indicate with check mark.

☐ Lamps Included

☐ Dust Cover

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



PHILIPS LEDALITE

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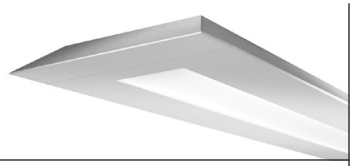
Verge Fluorescent

Suspended
Direct/Indirect
2 T5



Photometry

MesoOptics Lens with 80% Down Kit

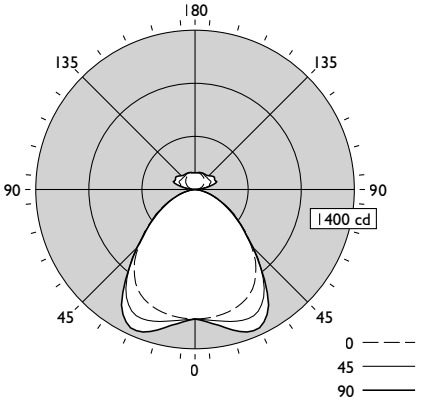
Report No.	9901152	**Input Watts**	64.0 W
Efficiency	0.73%	**Ballast Factor**	1
Efficacy	59.4 lm/W	**Peak/Zenith Ratio***	N/A:1
Total Lumens	3799 lm	**Peak Candela Value***	N/A @ N/A
Rated Lamp Lumens	2600 lm	**# of Lamps**	2

Meets RP-1-04 recommendations for VDT-Normal spaces

* Between 90-180° vertical angle

Candela Distribution

Vertical Angle	Horizontal Angle 0	22.5	45	67.5	90	Zonal Lumens
0	1138	1138	1138	1138	1138	
5	1136	1141	1151	1156	1167	110
15	1116	1143	1201	1251	1279	340
25	1062	1118	1224	1314	1341	557
35	927	992	1060	1126	1107	651
45	697	732	728	743	718	562
55	454	465	435	462	447	409
65	261	262	248	266	250	257
75	111	114	106	117	107	121
85	14	18	17	19	15	23
90	0	0	0	0	0	
95	14	23	37	36	42	37
105	48	83	132	150	165	120
115	76	101	155	178	193	141
125	99	117	150	188	198	134
135	115	127	148	170	172	114
145	130	138	150	164	160	93
155	140	144	155	163	159	71
165	148	149	153	157	155	43
175	149	150	149	149	148	14
180	148	148	148	148	148	



20% Up / 80% Down

Spacing Criteria

1.30 @ 0°
1.45 @ 90°
N/A @ 180°

Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	83	83	83	83	80	80	80	73	73	73	58
1	77	74	71	69	74	71	69	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

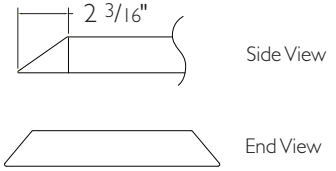
Modules

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

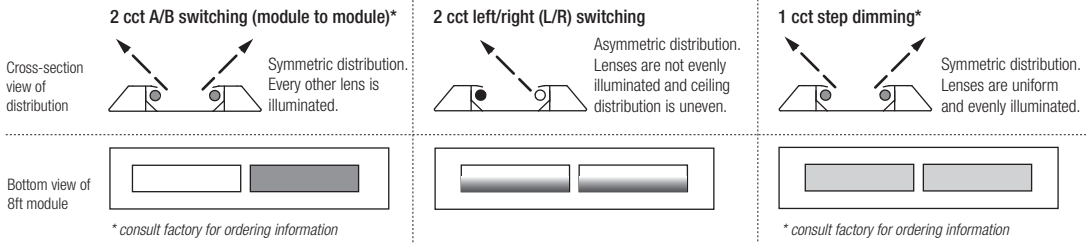


Upper Optics

G 80% Down Kit

J 100% Down Kit

Switching Options



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.