Sona™

Suspended

Direct/Indirect (High Performance)

3 T8

RESPONSE® **airwave™**

LEDALITE

Order Guide

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

7707	T03			–		–		–		–		–	

Product Series & Type	Lamping	Lower Optics	Upper Optics	Run Length	Wiring	Voltage	Ballast	Color & Finish
Sona Direct/Indirect (High Performance)	3 T8	**P** Semi-Specular Louver **W** White Louver	**N** None	*Enter the total run length in feet (4ft increments)*	**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	**1** 120V **2** 277V **3** 347V	**E** Standard Ballast Consult website for ballast manufacturer information	**W** Standard White **C** Factory Color **X** Custom Color Consult website for color and finish options
		See details on reverse	See details on reverse	See details on reverse	Consult website for complete list of standard wiring options			

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

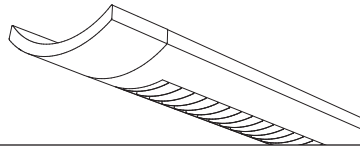Please indicate with check mark.

- ☐ Lamps Included
- ☐ Lamps Included and Installed
- ☐ Flat Endcap
  See details on reverse
- ☐ Dust Cover
  Only available with upper optics option N
- ☐ Response Daylight (Integrated Controls)
  For details visit www.ledalite.com/response

P Semi-Specular Louver

2-5/8"

9"
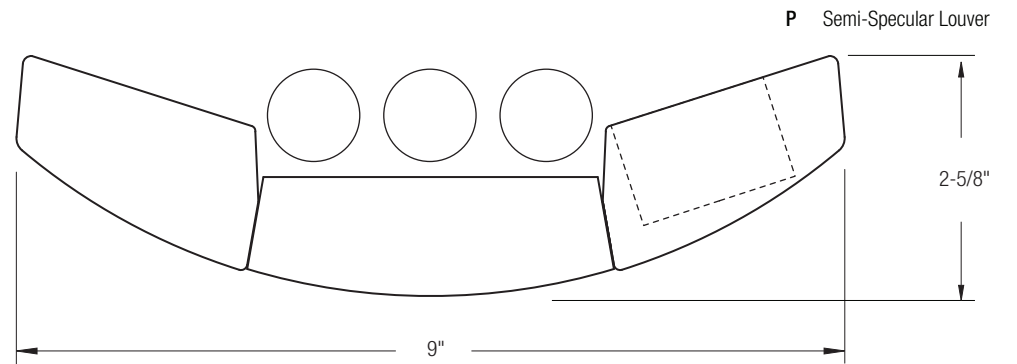
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Photometry   Optics PN   Semi-Specular Louver

Report Summary

Report #	9900839	**Peak Candela Value***	1445 @ 145°
Filename	7707T03PN.ies	**Peak to Zenith Ratio***	1.1 : 1
Efficiency	83.6%		* Between 90-180° vertical angle

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

Candela Distribution

Vertical Angle	0	22.5	45	67.5	90	Zonal Lumens
0	1227	1227	1227	1227	1227	
5	1211	1216	1221	1227	1230	118
15	1116	1136	1174	1214	1224	331
25	991	1027	1064	1140	1179	498
35	829	873	944	1062	1139	599
45	466	565	691	793	842	515
55	93	154	276	419	481	260
65	26	32	41	109	141	72
75	9	10	8	7	6	11
85	3	2	1	1	1	2
90	0	0	0	0	0	
95	65	93	113	96	107	118
105	258	410	468	445	459	444
115	480	649	834	825	853	734
125	698	816	1078	1169	1197	892
135	897	970	1208	1340	1381	899
145	1065	1112	1274	1401	1445	789
155	1197	1225	1329	1393	1419	607
165	1291	1293	1371	1396	1405	383
175	1339	1313	1367	1372	1374	132
180	1345	1345	1345	1345	1345	

Horizontal Angle columns: 0, 22.5, 45, 67.5, 90; **Zonal Lumens**

1500 cd

65.3% Up / 34.7% Down

0 - - - -
45 ——
90 ——
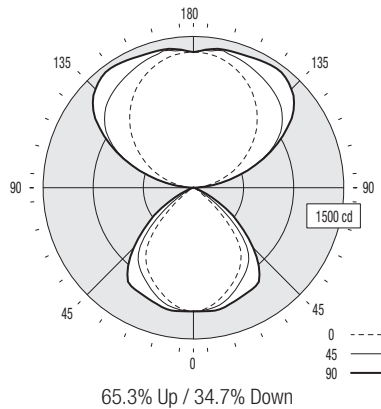
Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	86	86	86	86	77	77	77	61	61	61	27
1	79	76	73	70	71	68	66	55	53	52	24
2	72	67	62	58	65	61	57	49	46	44	21
3	66	59	54	49	60	54	49	43	40	38	19
4	61	53	47	42	55	48	43	39	35	32	17
5	56	47	41	36	50	43	38	35	31	28	15
6	52	42	36	32	47	39	33	32	28	25	13
7	48	38	32	28	43	35	30	29	25	22	12
8	44	35	29	24	40	32	26	26	22	19	11
9	41	32	26	22	37	29	24	24	20	17	10
10	38	29	23	19	35	26	21	22	18	15	9

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle 0	45	90
55	1322	3922	6836
65	501	791	2720
75	283	252	189
85	281	94	94

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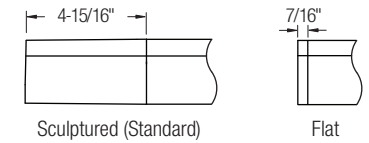
Additional Information

Modules

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

Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft*	12' 0"

*12ft not available with Direct/Indirect

Endcap

4-15/16"   7/16"

Sculptured (Standard)   Flat

Sling Mount Detail

Fixture uses 1/16" steel sling-mounted aircraft cable for horizontal leveling.

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

Housing
Die-formed 20 gauge cold-rolled steel.

Weight
3.4 lb/ft.

Optical System
Direct/Indirect: Constructed of 96% reflective white steel and specular aluminum to produce a direct/indirect distribution. Semi-specular louvers are aluminum and spaced 1-7/16" apart. White baffles are spaced 1-5/16" apart. Standard distribution is 70% up and 30% down. Optional field-installable Variable Optics kits provide additional downlight as required.

Semi-Indirect: Constructed of 96% reflective white steel with perforated housing and acrylic overlay to produce a semi-indirect distribution. Perforated housing available in round or slot perforation patterns.

High performance options use additional highly-specular aluminum reflectors.

Endcaps
Available with either die-cast sculptured endcaps (standard) or flat die-cast endcaps (option).

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

Mounting
Fixture uses 1/16" steel sling-mounted aircraft cable for horizontal leveling. Aircraft cable gripper provides continuous vertical adjustment capability. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements.

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

Ballast
Electronic.

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.