



# Achieva®

Suspended  
Direct/Indirect  
3 T5HO



## Photometry Optics WY White Louver w/ 2 Down / 1 Up Kit

### Report Summary

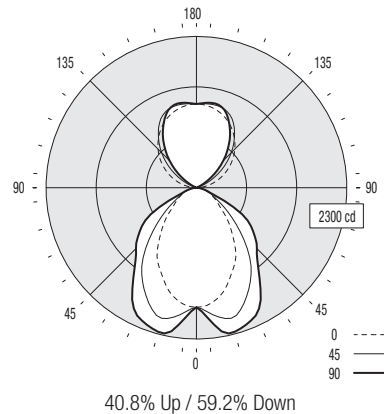
Report # 2101350  
Filename 8816H03WY.ies  
Efficiency 50.6%

Peak Candela Value\* 1313 @ 168°  
Peak to Zenith Ratio\* 1 : 1

\* Between 90-180° vertical angle

### Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1819	1819	1819	1819	1819	188
5	1798	1831	1894	1972	1988	558
15	1626	1781	2056	2192	2268	819
25	1343	1579	1819	1994	2146	864
35	1007	1184	1458	1557	1684	725
45	658	723	948	1106	1308	529
55	393	385	517	759	1019	306
65	246	236	273	343	467	139
75	128	121	138	126	146	37
85	34	23	37	27	33	17
90	4	4	5	5	5	72
95	63	7	7	5	6	211
105	256	88	17	11	11	409
115	453	339	186	58	43	562
125	648	603	462	309	276	610
135	830	855	753	615	580	539
145	992	1044	1017	918	887	359
155	1125	1171	1217	1174	1153	125
165	1217	1243	1286	1303	1306	
175	1267	1271	1281	1291	1292	
180	1273	1273	1273	1273	1273	



### Coefficients of Utilization (%)

Ceiling:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0 RCR	55	55	55	55	51	51	51	44	44	44	29		
1	51	49	47	45	47	45	44	40	38	37	26		
2	46	43	40	38	43	40	38	35	33	32	22		
3	43	38	35	32	40	36	33	31	29	27	19		
4	39	34	30	27	37	32	29	28	25	23	17		
5	36	30	27	24	34	29	25	25	23	20	15		
6	33	27	24	21	31	26	22	23	20	18	13		
7	31	25	21	18	29	24	20	21	18	16	12		
8	29	23	19	16	27	21	18	19	16	14	11		
9	27	21	17	15	25	20	16	18	15	13	10		
10	25	19	16	13	24	18	15	16	14	12	9		

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	5585	7347	14482
65	4745	5266	9008
75	4031	4346	4598
85	3180	3461	3086

IES files for this and other photometric options can be downloaded online at [www.ledalite.com](http://www.ledalite.com)

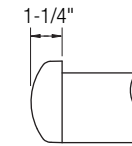
## Additional Information

### Modules

Module length excludes endcaps.  
Nominal mount spacing for individually mounted modules with fixed position mounts.

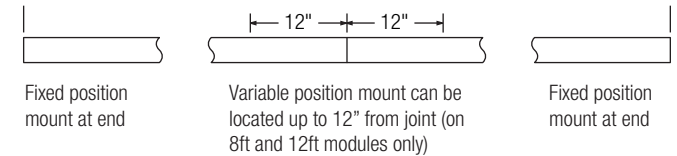
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

### Endcap



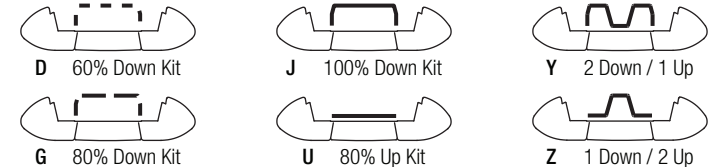
### Mounting in Runs

Fixed position mounts supplied standard at ends.  
Variable position mounts supplied standard at joints.  
Variable position mounts cannot be located on 4ft modules. Optional variable position mounts at ends available upon request (8ft and 12ft modules only).



### Upper Optics

Downlight kits and lamp separators are not recommended with white louvers (lower optics option W), due to potential for excessive louver brightness or shadowing.



## Specifications

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

### Housing

6063 T5 extruded aluminum.

### Weight

2.7 lb/ft.

### Optical System

Constructed of 96% reflective white steel to produce a direct/indirect distribution. Louvers are available in white blades and aluminum specular or semi-specular blades. White louver blades are spaced 1.3" apart and are 1.1" deep (34 cells per 4ft section). Standard specular and semi-specular louver blades are spaced 3" apart and are 1" deep (15 cells per 4ft section). Specular VDT and semi-specular VDT louver blades are spaced 1.5" apart and are 1" deep (30 cells per 4ft section). Optional field-installable Variable Optics kits provide additional up or downlight as required.

### Endcaps

Aluminum die-cast endcaps, baked powder coat finish for color.

### Joints

Self-aligning joining system.

### Mounting

Fixed position mounts supplied standard at ends. Variable position mounts supplied standard at joints. Variable position mounts can be located on 8ft or 12ft modules within 12" of joint or end. 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.

### 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.