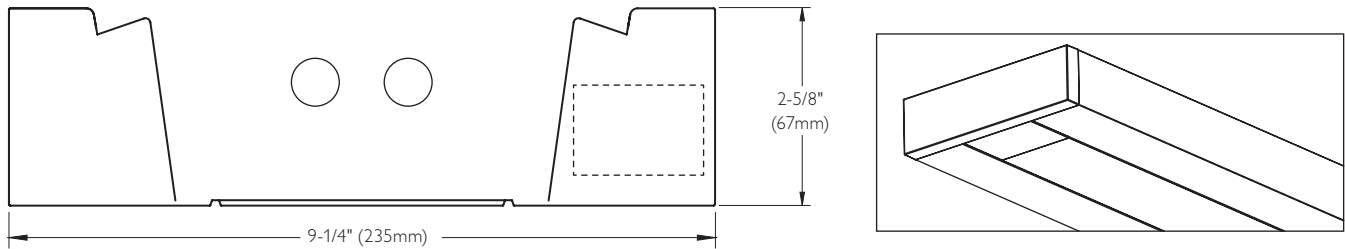


# LyteSpread 9 Inch

## Lighting Systems, T5HO, L916H02AN

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### Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
<b>L916</b> Semi-Indirect Suspended	<b>H02</b> H02 = 2-Lamp T5HO	<b>A</b> A = Matte frosted acrylic lens	<b>N</b> N = None	<input type="text"/> Enter the total run length in feet (4ft increments)	<input type="text"/> 1 = 1 circuit 2 = 2 circuit 3 = 1 circuit w/ Emergency circuit 4 = 2 circuit w/ Emergency circuit 5 = 1 circuit w/ Battery Pack 6 = 2 circuit w/ Battery Pack 7 = 1 circuit Dimming	<input type="text"/> D = Dual 120v/277v 1 = 120v* 2 = 277v* 3 = 347v*	<input type="text"/> E = Standard Ballast	<input type="text"/> W = High Reflective White

\* Dimming and Battery Pack fixtures must be voltage specific.

### Housing

6063 T5 extruded aluminum. Fixture weighs 3.0 lb/ft. Aluminum die-cast endcaps, baked powder coat finish for color. Self-aligning joining system.

### Optical System

Matte frosted acrylic lens, with an with integrated opal acrylic diffuser. This optical design provides a consistent look to the lens, free of lamp images.

### 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 is electronic.

### Approvals

Certified to UL and CSA standards.

### Finish

High-quality powder coat. Available in white textured matte finish and a selection of other factory and customer specified colors. Consult factory for details.

Job Information	Type:
Job Name:	
Cat. No.:	
Notes:	

**PHILIPS**  
**LIGHTOLIER**

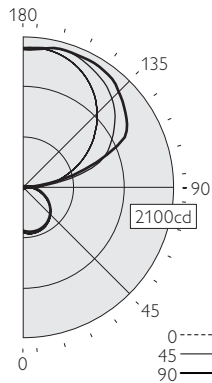
# LyteSpread 9 Inch

## Lighting Systems, T5HO, L916H02AN

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### Photometry Optics AN Matte frosted acrylic lens

#### Candela Curve



Report # 9902705  
 Filename L916H02AN.ies  
 Efficiency 98.6%  
 Lamps: (2) F54T5HO  
 Rated lamp lumens: 4500  
 Input watts: 118.5  
 Meets RP-1-04 recommendations for  
 VDT-Intensive spaces

#### Candela Distribution

Vertical Angle	0	22.5	45	67.5	90	Zonal Lumens
0	650	650	650	650	650	
5	644	647	645	646	646	61
15	618	622	621	626	623	176
25	568	574	573	579	578	265
35	502	507	502	511	505	316
45	412	420	412	422	414	321
55	302	313	304	314	309	276
65	185	197	182	190	184	186
75	79	84	75	82	73	85
85	14	14	12	14	12	17
90	0	0	0	0	0	
95	108	119	99	63	73	130
105	432	615	747	617	659	660
115	754	909	1213	1335	1388	1108
125	1063	1212	1451	1602	1698	1263
135	1349	1455	1668	1779	1845	1254
145	1591	1668	1818	1915	1966	1124
155	1776	1837	1917	1979	2009	880
165	1903	1925	1993	2013	2025	558
175	1966	1969	1981	1991	1990	189
180	1972	1972	1972	1972	1972	

#### Coefficients of Utilization (%)

Ceiling:	80				70				50				0
Wall:	70	50	30	10	70	50	30	10	50	30	10	0	0
0 RCR	98	98	98	98	87	87	87	87	65	65	65	19	0
1	90	86	82	79	79	76	73	73	57	55	54	16	0
2	82	75	69	64	72	66	62	62	50	47	44	14	0
3	74	66	59	54	65	58	53	53	44	40	37	12	0
4	68	58	51	45	60	51	45	45	39	35	32	10	0
5	62	51	44	38	55	46	39	39	35	30	27	9	0
6	57	46	38	33	50	41	34	34	31	27	23	8	0
7	53	41	34	29	46	37	30	30	28	24	20	7	0
8	49	37	30	25	43	33	27	27	26	21	18	6	0
9	45	34	27	22	40	30	24	24	23	19	16	5	0
10	42	31	24	20	37	28	22	22	21	17	14	5	0

Based on a floor reflectance of 0.2

#### Avg. Luminance (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angle		
	0	45	90
5	6272	6280	6285
15	6207	6231	6251
25	6080	6126	6188
35	5944	5946	5982
45	5655	5655	5671
55	5105	5134	5216
65	4242	4175	4221
75	2941	2813	2735
85	1546	1368	1357

#### Upgrades & Accessories

Please indicate with check mark

☐ Lamps Included ☐ Lamp Guard 

☐ Lamps Included and Installed

☐ Daylight Harvesting System

#### Mounting Hardware

**Mount Type** **Suspension Length**

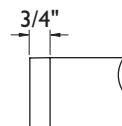
Consult separate mounting spec sheet for mount type options. Enter distance from ceiling to top of fixture in inches.

#### Modules

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

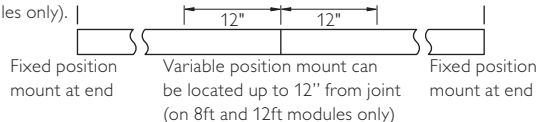
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

#### 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).



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 w: www.lightolier.com

L916H02AN April 23, 2012

Specifications are subject to change without notice.  
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**Job Information** **Type:**