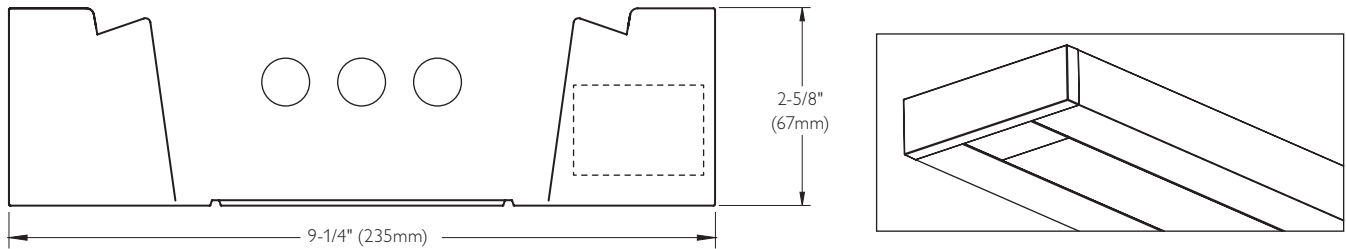


# LyteSpread 9 Inch

## Lighting Systems, T5HO, L916H03AN

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### Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
<b>L916</b> Direct-Indirect	<b>H03</b> H03 = 3-Lamp	<b>A</b> A = Matte frosted acrylic lens	<b>N</b> N = None	 Enter the total run length in feet (4ft increments)	<b>1</b> = 1 circuit <b>2</b> = 2 circuit <b>3</b> = 1 circuit w/ Emergency circuit <b>4</b> = 2 circuit w/ Emergency circuit <b>5</b> = 1 circuit w/ Battery Pack <b>6</b> = 2 circuit w/ Battery Pack <b>7</b> = 1 circuit Dimming	<b>D</b> = Dual 120v/277v <b>1</b> = 120v* <b>2</b> = 277v* <b>3</b> = 347v*	<b>E</b> = Standard Ballast	<b>W</b> = 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**

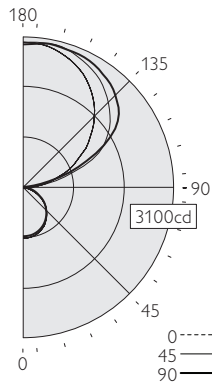
# LyteSpread 9 Inch

## Lighting Systems, T5HO, L916H03AN

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### Photometry Optics AN Matte frosted acrylic lens

#### Candela Curve



Report # 9902709  
 Filename L916H03AN.ies  
 Efficiency 96.9%  
 Lamps: (3) F54T5HO  
 Rated lamp lumens: 4500  
 Input watts: 178.3  
 Meets RP-1-04 recommendations for  
 VDT-Intensive spaces

#### Candela Distribution

Vertical Angle	Horizontal Angle				Zonal Lumens
	0	22.5	45	67.5	90
0	1043	1043	1043	1043	1043
5	1036	1038	1036	1039	1037
15	996	1001	993	1005	998
25	917	927	916	928	919
35	797	813	802	819	804
45	653	672	662	681	658
55	487	505	489	499	489
65	299	310	294	304	291
75	122	135	120	130	119
85	19	25	20	24	21
90	0	0	0	0	0
95	162	138	141	83	100
105	630	861	868	712	775
115	1144	1370	1706	1570	1678
125	1627	1805	2160	2305	2417
135	2057	2186	2471	2640	2728
145	2429	2515	2731	2851	2900
155	2709	2777	2893	2983	3015
165	2893	2934	3019	3039	3045
175	2996	3005	3020	3031	3030
180	3007	3007	3007	3007	3007

#### Coefficients of Utilization (%)

Ceiling:		80				70				50				0
Wall:		70	50	30	10	70	50	30	10	50	30	10	0	0
0 RCR		97	97	97	97	86	86	86	65	65	65	20		
1		89	85	81	78	78	75	72	57	55	53	17		
2		81	74	68	64	71	66	61	50	47	44	15		
3		74	65	58	53	65	58	52	44	40	37	12		
4		67	57	50	45	59	51	45	39	35	32	11		
5		61	51	43	38	54	45	39	35	30	27	9		
6		56	45	38	33	50	41	34	31	27	23	8		
7		52	41	33	28	46	36	30	28	24	20	7		
8		48	37	30	25	43	33	27	26	21	18	6		
9		45	33	27	22	40	30	24	23	19	16	6		
10		42	31	24	19	37	27	22	21	17	14	5		

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
5	10084	10079	10091
15	10001	9965	10015
25	9804	9801	9831
35	9434	9494	9516
45	8947	9070	9018
55	8224	8257	8267
65	6848	6745	6664
75	4570	4495	4458
85	2114	2236	2336

#### 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.

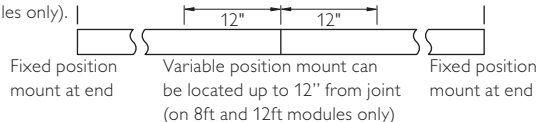
#### Modules

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

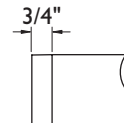
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

#### 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).



#### Endcap



Philips Lightolier  
 e: lol.webmaster@philips.com  
 t: (508) 679-8131  
 w: www.lightolier.com

L916H03AN April 23, 2012

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