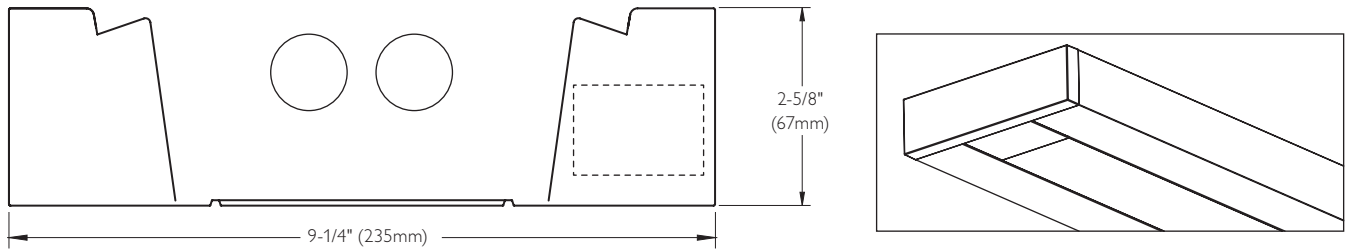


# LyteSpread 9 Inch

## Lighting Systems, T8, L916T02AN

Page 1 of 2



### Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
<b>L916</b>	<b>T02</b>	<b>A</b>	<b>N</b>				<b>E</b>	<b>W</b>
Semi-Indirect Suspended	T02 = 2-Lamp T8	A = Matte frosted acrylic lens	N = None	Enter the total run length in feet (4ft increments)	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	D = Dual 120v/277v 1 = 120v* 2 = 277v* 3 = 347v*	E = Standard Ballast	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**

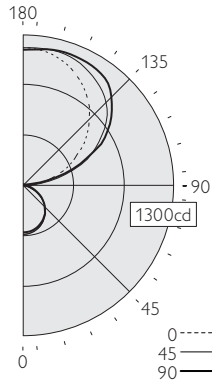
# LyteSpread 9 Inch

## Lighting Systems, T8, L916T02AN

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### Photometry Optics AN Matte frosted acrylic lens

#### Candela Curve



Report # 9902712  
 Filename L916T02AN.ies  
 Efficiency 89.9%  
 Lamps: (2) F32T8  
 Rated lamp lumens: 2950  
 Input watts: 56.6  
 Meets RP-1-04 recommendations for  
 VDT-Intensive spaces

#### Candela Distribution

Vertical Angle	0	22.5	45	67.5	90	Zonal Lumens
0	419	419	419	419	419	
5	416	418	417	418	418	40
15	399	401	401	403	402	113
25	369	371	369	373	370	171
35	321	327	325	329	327	204
45	265	271	266	270	266	207
55	198	203	197	200	198	178
65	120	125	120	122	115	119
75	51	54	50	53	50	56
85	8	9	8	9	8	11
90	0	0	0	0	0	
95	75	86	89	64	61	95
105	259	344	378	351	378	366
115	455	559	650	662	682	602
125	644	739	856	883	933	729
135	806	883	1009	1054	1098	753
145	952	1005	1098	1163	1194	680
155	1063	1100	1162	1200	1217	531
165	1142	1155	1192	1214	1220	335
175	1183	1185	1191	1195	1195	114
180	1188	1188	1188	1188	1188	

#### Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	90	90	90	90	80	80	80	60	60	60	19
1	82	78	75	72	73	70	67	53	51	49	16
2	75	68	63	59	66	61	56	46	43	41	13
3	68	60	54	49	60	53	48	41	37	34	11
4	62	53	46	41	55	47	42	36	32	29	10
5	57	47	40	35	50	42	36	32	28	25	8
6	52	42	35	30	46	38	32	29	25	22	7
7	48	38	31	26	43	34	28	26	22	19	7
8	45	34	28	23	39	31	25	24	20	17	6
9	41	31	25	20	37	28	22	22	18	15	5
10	39	28	22	18	34	25	20	20	16	13	5

Based on a floor reflectance of 0.2

#### Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle	0	45	90
5		4052	4057	4064
15		4004	4028	4037
25		3943	3946	3961
35		3799	3842	3869
45		3631	3644	3653
55		3354	3335	3349
65		2751	2760	2645
75		1907	1854	1877
85		934	857	857

#### Upgrades & Accessories

Please indicate with check mark

☐ Lamps Included ☐ Lamp Guard 

☐ Lamps Included and Installed

☐ Daylight Harvesting System

#### Mounting Hardware

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

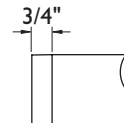
Consult separate mounting spec sheet for mount type options. Enter distance from ceiling to top of fixture in inches.

#### Modules

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

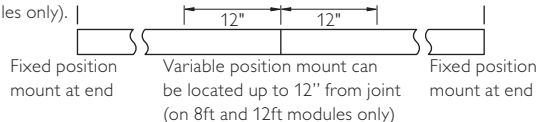
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

#### 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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L916T02AN April 23, 2012

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