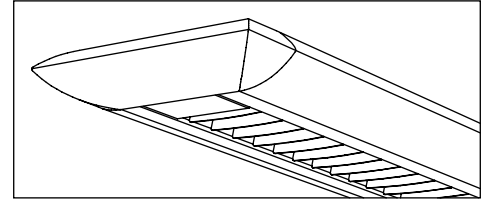
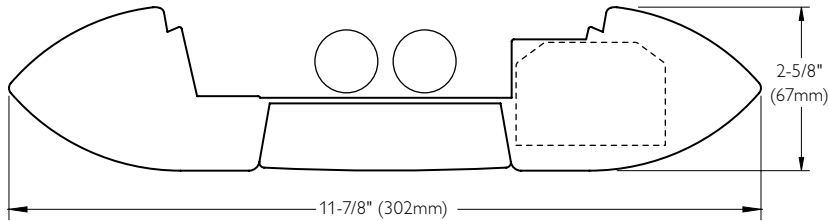


# LyteSpread Elliptical

## Lighting Systems, T8, LE16T02PN

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### Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
<b>LE16</b>	<b>T02</b>	<b>P</b>					<b>E</b>	<b>W</b>
Direct-Indirect								
	<b>T02</b> = 2-Lamp	<b>P</b> = Semi-Specular Louver (15°)	<b>N</b> = None <b>D</b> = 60% Down Kit <b>G</b> = 80% Down Kit <b>J</b> = 100% Down Kit <b>U</b> = 80% Up Kit	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

\* Number of louver cells per 4ft section

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

### Housing

6063 T5 extruded aluminum. Fixture weighs 3.8 lb/ft. Aluminum die-cast endcaps, baked powder coat finish for color. Self-aligning joining system.

### Optical System

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

### 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**

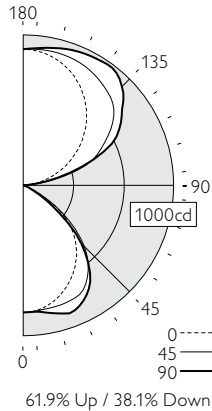
# LyteSpread Elliptical

## Lighting Systems, T8, LE16T02PN

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### Photometry Optics PN Semi-Specular Louver

#### Candela Curve



Report # 9900362  
 Filename 7216T02PN.ies  
 Efficiency 90.4%  
 Peak Candela Value\* 976 @ 143°  
 Peak to Zenith Ratio\* 1.1 : 1  
 \* Between 90-180° vertical angle  
 Meets RP-1-04 recommendations for  
 VDT-Intensive spaces

#### Candela Distribution

Vertical Angle	0	22.5	45	67.5	90	Zonal Lumens
0	840	840	840	840	840	
5	835	836	837	838	839	81
15	792	800	830	863	877	235
25	714	742	820	873	882	372
35	612	672	744	772	777	448
45	481	566	578	558	548	423
55	300	364	319	261	235	270
65	83	106	83	59	52	85
75	7	7	5	4	2	8
85	2	1	0	0	0	0
90	0	0	0	0	0	
95	35	63	53	28	29	66
105	166	295	358	319	322	320
115	316	458	571	630	651	524
125	462	576	727	772	800	606
135	595	679	822	906	927	609
145	708	765	864	945	976	535
155	798	832	894	943	961	410
165	861	877	905	929	938	256
175	895	898	904	908	909	88
180	900	900	900	900	900	

#### Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	93	93	93	93	85	85	85	68	68	68	32
1	86	83	79	77	78	75	72	61	59	57	29
2	79	73	68	64	71	66	62	54	51	48	25
3	72	64	58	54	65	59	54	48	44	41	22
4	66	57	51	46	60	52	47	43	39	36	19
5	61	51	44	39	55	47	41	38	34	31	17
6	56	46	39	34	51	42	36	35	30	27	15
7	52	41	35	30	47	38	32	31	27	24	13
8	48	37	31	26	43	34	29	29	24	21	12
9	45	34	28	23	40	31	26	26	22	19	11
10	42	31	25	21	38	29	23	24	20	17	10

Based on a floor reflectance of 0.2

#### Avg. Luminance (cd/m²)

Vertical Angle	0	45	90
55	4264	4534	3340
65	1601	1601	1003
75	220	157	63
85	187	0	0

#### Upgrades & Accessories

Please indicate with check mark

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamp Guard	
<input type="checkbox"/> Lamps Included and Installed	Not available with upper optics option U	
<input type="checkbox"/> Daylight Harvesting System	<input type="checkbox"/> Dust Cover	

#### Mounting Hardware

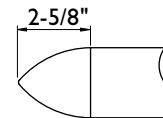
<input type="checkbox"/>	<input type="checkbox"/>
<b>Mount Type</b>	<b>Suspension Length</b>
Consult separate mounting spec sheet for mount type options.	Enter distance from ceiling to top of fixture in inches.

#### Modules

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

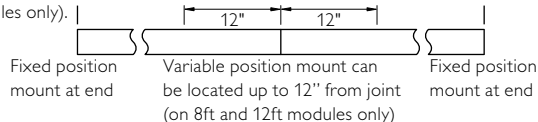
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

#### Endcap

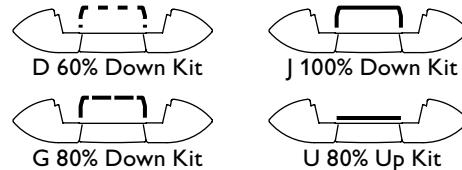


#### Mounting in Runs

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).



#### Upper Optics



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

LE16T02PN June 9, 2011

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