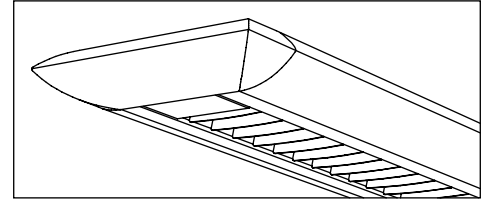
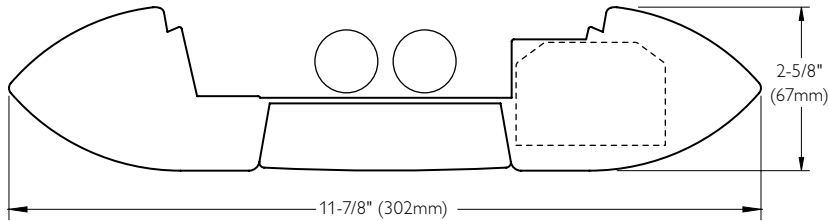


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Lighting Systems, T8, LE16T02SN

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Ordering Information

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

* 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 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

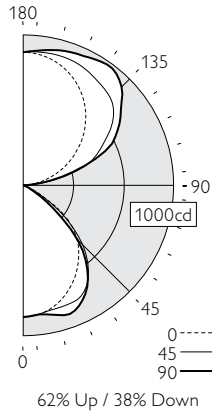
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Lighting Systems, T8, LE16T02SN

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Photometry Optics SN Specular Louver

Candela Curve



Report # 9900167
 Filename 7216T02SN.ies
 Efficiency 90.1%
 Peak Candela Value* 974 @ 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	870	870	870	870	870	
5	865	866	864	865	862	84
15	822	823	844	876	888	241
25	741	758	839	881	879	378
35	636	691	754	763	750	451
45	506	584	563	543	513	418
55	316	357	289	219	190	250
65	78	87	63	44	44	70
75	5	3	2	2	1	6
85	1	0	0	0	0	0
90	0	0	0	0	0	
95	35	79	74	56	54	82
105	167	293	370	349	342	334
115	314	459	566	630	652	526
125	457	569	725	768	790	601
135	586	668	819	905	924	605
145	697	755	850	943	974	531
155	784	821	881	928	944	404
165	844	862	891	915	924	252
175	875	880	886	891	892	86
180	880	880	880	880	880	

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	84	84	84	68	68	68	32
1	86	82	79	76	77	75	72	60	59	57	28
2	79	73	68	63	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	Horizontal Angle	0	45	90
55		2646	2420	1591
65		887	716	500
75		93	37	19
85		55	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"/>
Mount Type	Suspension Length
Consult separate mounting spec sheet for mount type options.	Enter distance from ceiling to top of fixture in inches.

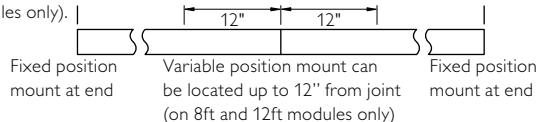
Modules

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

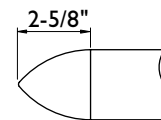
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Mounting in Runs

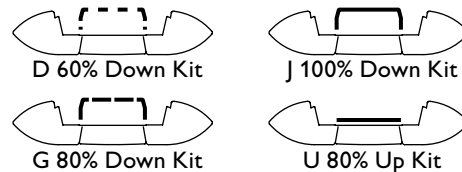
Fixed position mounts supplied standard at ends. Variable position mounts supplied standard at joints. Variable position mounts cannot be located on 4ft modules. Optional variable position mounts at ends available upon request (8ft and 12ft modules only).



Endcap



Upper Optics



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

LE16T02SN June 9, 2011

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