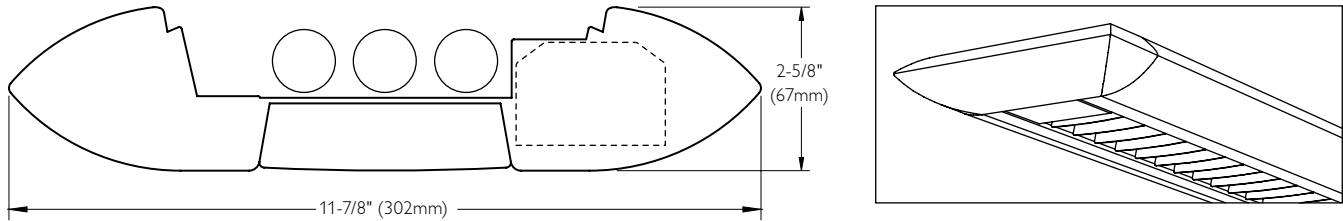


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Lighting Systems, T8, LE16T03RN

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Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
LE16	T03	R					E	W
Direct-Indirect								
	T03 = 3-Lamp	R = Specular VDT Louver (30*)	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. Specular VDT louver blades are spaced 1.5" apart and are 1" deep (30 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

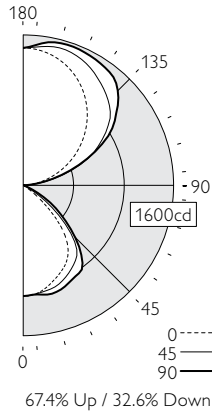
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Lighting Systems, T8, LE16T03RN

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Photometry Optics RN Specular VDT Louver

Candela Curve



Report # 2101271
Filename 7216T03RN.ies
Efficiency 85.3%
Peak Candela Value* 1560 @ 160°
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	1172	1172	1172	1172	1172	
5	1163	1160	1163	1162	1162	113
15	1087	1088	1135	1176	1187	320
25	985	1007	1070	1120	1141	491
35	834	875	970	1041	1087	594
45	489	535	716	730	784	498
55	84	110	286	361	425	232
65	7	11	24	79	113	52
75	6	10	10	10	10	11
85	7	7	8	9	9	8
90	5	7	8	8	8	
95	68	78	92	59	73	98
105	274	412	449	404	421	426
115	512	697	831	828	844	746
125	746	907	1104	1155	1190	924
135	960	1096	1277	1387	1422	954
145	1144	1257	1382	1480	1520	853
155	1291	1376	1470	1526	1550	669
165	1392	1435	1505	1542	1556	421
175	1446	1452	1468	1485	1488	143
180	1454	1454	1454	1454	1454	

Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	87	87	87	87	78	78	78	62	62	62	26
1	80	77	74	71	72	69	67	55	53	52	23
2	73	68	63	59	66	61	57	49	46	44	21
3	67	60	55	50	60	54	50	44	40	38	18
4	62	54	47	43	56	49	43	39	35	33	16
5	57	48	42	37	51	43	38	35	31	28	14
6	52	43	37	32	47	39	34	32	28	25	13
7	48	39	32	28	44	35	30	29	25	22	11
8	45	35	29	25	40	32	27	26	22	19	10
9	42	32	26	22	38	29	24	24	20	17	9
10	39	29	23	20	35	27	22	22	18	16	8

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	0	45	90
55	703	2395	3559
65	80	273	1284
75	111	186	186
85	386	441	496

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

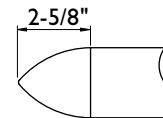
<input type="checkbox"/>	<input type="checkbox"/>
Mount Type	Suspension Length
Consult separate mounting spec sheet for mount type options.	Enter distance from ceiling to top of fixture in inches.

Modules

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

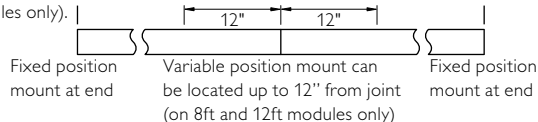
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

Endcap

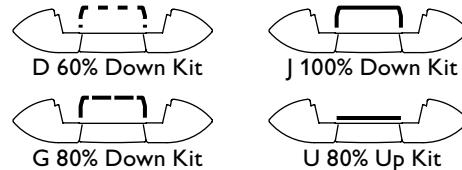


Mounting in Runs

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

LE16T03RN June 9, 2011

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