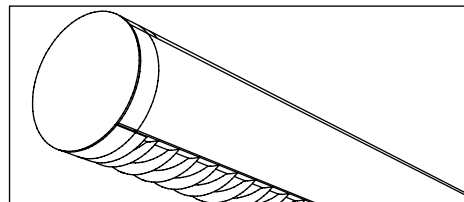
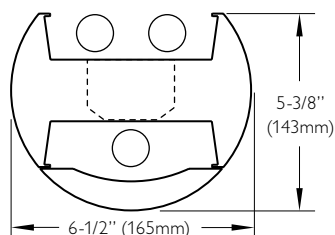


Lighting Systems, T8, RT65T12CN

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Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
RT65	T12	C	N				E	W
Direct/Indirect								
	T12 = 3-Lamp	C = Curved Baffle	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 4.4 lb/ft. Aluminum die-cast endcaps, baked powder coat finish for color. Self-aligning joining system.

Optical System

Constructed of highly reflective 24 gauge metal. Reflectors are highly-specular aluminum. Curved baffles are 13/16" deep and 2" on center.

Mounting

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. Wall mount brackets are available.

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:	

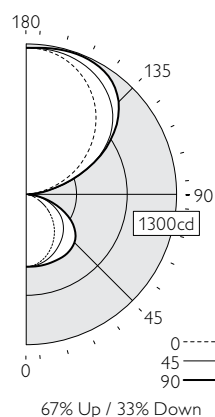
PHILIPS
LIGHTOLIER

Lighting Systems, T8, RT65T12CN

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Photometry Optics CN Curved Baffle

Candela Curve



Report # 866512CN
 Filename 8665T12CN.ies
 Efficiency 71.2%
 Peak Candela Value* 1283 @ 160°
 Peak to Zenith Ratio* 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	622	622	622	622	622	
5	617	615	620	622	623	60
15	575	576	599	616	626	169
25	508	517	560	600	624	259
35	423	443	511	579	619	322
45	328	354	453	536	589	347
55	225	266	380	454	509	327
65	123	174	278	324	368	252
75	56	83	163	176	195	145
85	14	29	64	52	39	53
90	1	20	48	33	18	
95	40	62	86	59	88	87
105	226	316	346	292	332	327
115	452	568	645	607	648	584
125	660	764	888	889	926	744
135	850	923	1050	1098	1130	783
145	1010	1055	1153	1213	1240	711
155	1131	1157	1217	1260	1278	558
165	1215	1224	1251	1271	1280	353
175	1255	1255	1259	1262	1264	122
180	1259	1259	1259	1259	1259	

Coefficients of Utilization (%)

Ceiling: Wall:	80				70			50			0
	70	50	30	10	70	50	30	50	30	10	0
0 RCR	73	73	73	73	65	65	65	51	51	51	22
1	66	63	60	58	59	57	54	45	43	42	18
2	60	55	50	47	54	49	46	39	36	34	15
3	55	48	43	39	49	43	39	34	31	28	12
4	50	42	37	32	44	38	33	30	27	24	10
5	45	37	32	27	41	34	29	27	23	20	9
6	42	33	28	24	37	30	25	24	20	18	8
7	38	30	24	20	34	27	22	21	18	15	7
8	36	27	22	18	32	24	20	19	16	13	6
9	33	24	19	16	29	22	18	18	14	12	5
10	31	22	17	14	27	20	16	16	13	10	5

Based on a floor reflectance of 0.2

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle	0	45	90
55		2931	3289	3869
65		2175	2796	3140
75		1617	2029	1964
85		1200	1088	498

Upgrades & Accessories Please indicate with check mark

- ☐ Lamps Included ☐ Wall Mount Bracket
- ☐ Lamps Included and Installed
- ☐ Intersections

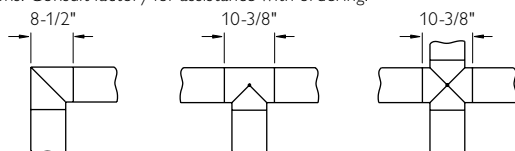
Modules

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"

Intersections

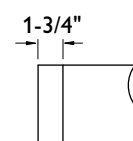
Optional mitered aluminum extrusion intersections available in L, T or X configurations. Consult factory for assistance with ordering.



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.

Endcap



Wall Mount Bracket

- Optional wall mount bracket available.
- Mounts variable within 6" of end or joint.
- Minimum one mount per fixture end or joint. (Note: Mount is not continuous, and therefore fixture is not flush with wall.)
- Side-mounted 4" x 2-1/2" utility box (supplied by others).



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 t: (508) 679-8131
 w: www.lightolier.com

RT65T12CN March 27, 2011

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Job Information Type: