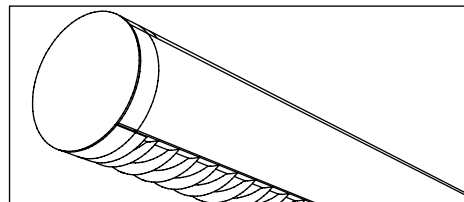
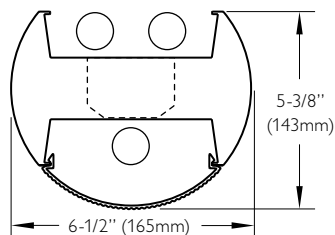


## Lighting Systems, T8, RT65T12AN

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## Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
<b>RT65</b>	<b>T12</b>	<b>A</b>	<b>N</b>				<b>E</b>	<b>W</b>
Direct/Indirect								
		<b>A</b> = Curved Acrylic Lens	<b>N</b> = None					
	<b>T12</b> = 3-Lamp							
				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

\* 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 lens is constructed of acrylic.

## 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:	

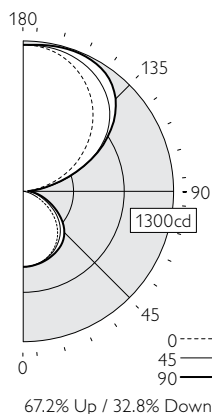
**PHILIPS**  
**LIGHTOLIER**

## Lighting Systems, T8, RT65T12AN

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## Photometry Optics AN Curved Acrylic Lens (Down)

## Candela Curve



Report # 866512AN  
 Filename 8665T12AN.ies  
 Efficiency 71%  
 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	649	649	649	649	649	
5	646	645	645	646	647	62
15	625	621	625	629	632	177
25	579	574	587	597	605	271
35	508	506	530	554	568	333
45	411	413	453	482	502	347
55	287	297	351	375	397	305
65	157	177	233	251	275	219
75	61	87	138	151	167	131
85	8	36	72	76	84	66
90	1	24	59	59	74	
95	40	62	86	59	88	89
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:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	72	72	72	72	65	65	65	51	51	51	21
1	66	63	60	58	59	56	54	44	43	41	18
2	60	55	50	47	53	49	45	39	36	34	15
3	54	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	28	41	34	29	27	23	21	9
6	42	33	28	24	37	30	25	24	20	18	8
7	38	30	24	21	34	27	22	22	18	15	7
8	36	27	22	18	32	24	20	20	16	14	6
9	33	25	19	16	30	22	18	18	14	12	5
10	31	22	17	14	27	20	16	16	13	11	5

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m<sup>2</sup>)

Vertical Angle	0	45	90
55	3739	3038	3017
65	2776	2343	2346
75	1761	1718	1682
85	686	1224	1072

## Upgrades &amp; Accessories Please indicate with check mark

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

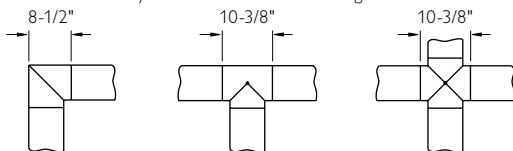
## Modules

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

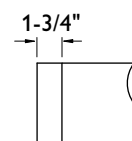
Optional mitered aluminum extrusion intersections available in L, T or X configurations. Consult factory for assistance with ordering.



## 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).



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

RT65T12AN March 27, 2011

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