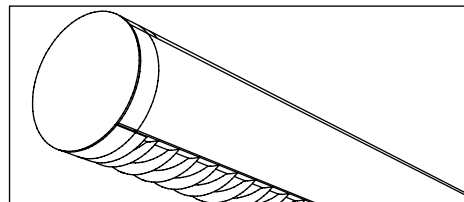
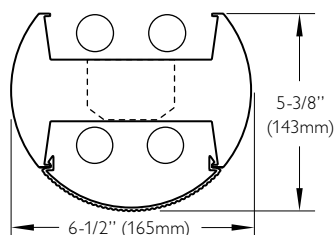


## Lighting Systems, T8, RT65T22AN

Page 1 of 2



## Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
<b>RT65</b>	<b>T22</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>T22</b> = 4-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:	

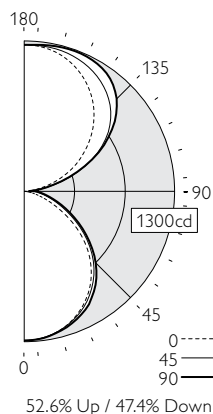
**PHILIPS**  
**LIGHTOLIER**

## Lighting Systems, T8, RT65T22AN

Page 2 of 2

## Photometry Optics AN Curved Acrylic Lens (Down)

## Candela Curve



Report # 866522AN  
 Filename 8665T22AN.ies  
 Efficiency 67.3%  
 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	Horizontal Angle				Zonal Lumens
	0	22.5	45	67.5	90
0	1282	1282	1282	1282	1282
5	1276	1274	1276	1276	1278
15	1230	1225	1230	1230	1238
25	1134	1127	1146	1153	1168
35	993	985	1017	1035	1051
45	800	795	845	858	874
55	557	562	628	639	655
65	298	332	406	418	437
75	115	161	235	247	260
85	17	63	119	132	144
90	1	39	91	99	120
95	40	62	86	59	88
105	226	316	346	292	332
115	452	568	645	607	648
125	660	764	888	889	926
135	850	923	1050	1098	1130
145	1010	1055	1153	1213	1240
155	1131	1157	1217	1260	1278
165	1215	1224	1251	1271	1280
175	1255	1255	1259	1262	1264
180	1259	1259	1259	1259	1259

## Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	10	0
0 RCR	71	71	71	71	65	65	65	54	54	54	30	30	0
1	64	62	59	56	59	56	54	47	45	44	25	25	0
2	59	54	49	46	54	49	46	41	38	36	21	21	0
3	53	47	42	38	49	43	39	36	33	30	18	18	0
4	49	42	36	32	45	38	34	32	29	26	15	15	0
5	45	37	32	27	41	34	29	29	25	22	13	13	0
6	41	33	28	24	38	31	26	26	22	19	11	11	0
7	38	30	24	21	35	27	23	23	19	17	10	10	0
8	35	27	22	18	32	25	20	21	17	15	9	9	0
9	33	25	20	16	30	23	18	19	16	13	8	8	0
10	30	22	18	14	28	21	16	18	14	12	7	7	0

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	7256	5436	4978
65	5269	4083	3729
75	3320	2925	2619
85	1457	2024	1839

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

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

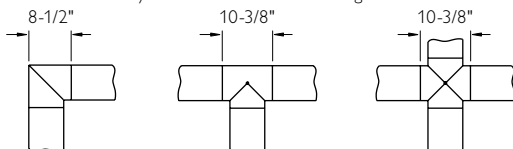
## Modules

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

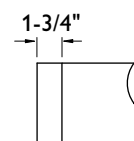
Optional mitered aluminum extrusion intersections available in L, T or X configurations. Consult factory for assistance with ordering.



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

RT65T22AN March 27, 2011

Specifications are subject to change without notice.  
 © Koninklijke Philips Electronics N.V., 2011. All rights reserved.

Job Information Type: