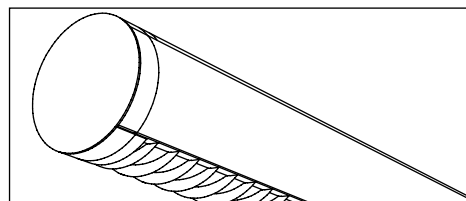
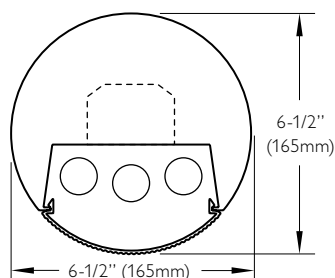


## Lighting Systems, T8, RT61T30AE

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## Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
<div>RT61</div>	<div>T30</div>	<div>A</div>	<div>E</div>				<div>E</div>	<div>W</div>
Direct			E = Solid Housing		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
	T30 = 3-Lamp	A = Curved Acrylic Lens		Enter the total run length in feet (4ft increments)				

\* 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:	

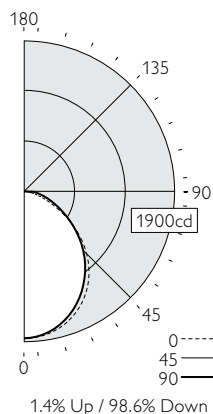
**PHILIPS**  
**LIGHTOLIER**

## Lighting Systems, T8, RT61T30AE

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## Photometry Optics AE Curved Acrylic Lens

## Candela Curve



Report # 2101091  
 Filename 8661T30AE.ies  
 Efficiency 52.5%  
 Peak Candela Value\* N/A  
 Peak to Zenith Ratio\* N/A : 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	1846	1846	1846	1846	1846	
5	1838	1833	1831	1828	1829	177
15	1768	1747	1734	1718	1719	489
25	1625	1589	1562	1534	1540	721
35	1409	1362	1329	1307	1317	837
45	1119	1078	1054	1038	1042	817
55	761	744	754	732	749	668
65	401	428	479	469	486	454
75	154	203	274	279	291	263
85	24	80	140	150	164	141
90	1	44	98	113	126	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	0

## Coefficients of Utilization (%)

Ceiling:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	10	0
0 RCR	62	62	62	62	60	60	60	58	58	58	52		
1	57	54	52	50	55	53	51	51	49	48	44		
2	52	48	44	41	50	47	43	45	42	40	37		
3	47	42	38	34	46	41	37	40	36	34	31		
4	43	37	33	29	42	37	32	35	32	29	27		
5	40	33	29	25	39	33	29	32	28	25	23		
6	37	30	26	22	36	30	25	29	25	22	21		
7	34	27	23	20	33	27	23	26	22	20	18		
8	32	25	21	18	31	25	21	24	20	18	16		
9	30	23	19	16	29	23	19	22	18	16	15		
10	28	21	17	14	27	21	17	20	17	14	13		

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	9914	7843	7190
65	7090	6141	5594
75	4446	4766	4346
85	2058	3974	3645

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

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

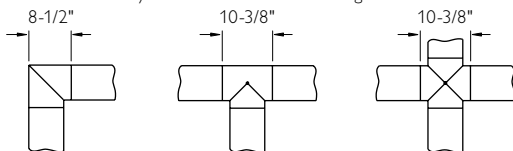
## Modules

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

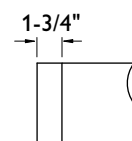
Consult separate mounting spec sheet for mount type options.



## Suspension Length

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

RT61T30AE March 27, 2011

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