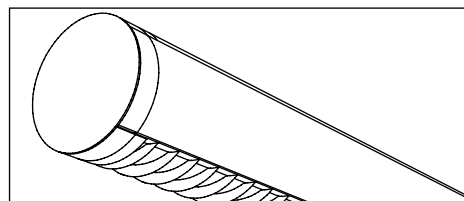
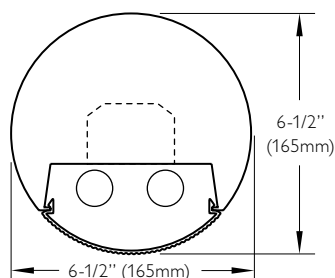


## Lighting Systems, T8, RT61T20AE

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## Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
<div>RT61</div>	<div>T20</div>	<div>A</div>	<div>E</div>				<div>E</div>	<div>W</div>
Direct	<div>T20 = 2-Lamp</div>	<div>A = Curved Acrylic Lens</div>	<div>E = Solid Housing</div>	<div>Enter the total run length in feet (4ft increments)</div>	<div>1 = 1 circuit</div> <div>2 = 2 circuit</div> <div>3 = 1 circuit w/ Emergency circuit</div> <div>4 = 2 circuit w/ Emergency circuit</div> <div>5 = 1 circuit w/ Battery Pack</div> <div>6 = 2 circuit w/ Battery Pack</div> <div>7 = 1 circuit Dimming</div>	<div>D = Dual 120v/277v</div> <div>1 = 120v*</div> <div>2 = 277v*</div> <div>3 = 347v*</div>	<div>E = Standard Ballast</div> <div>W = High Reflective White</div>	

\* 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:	

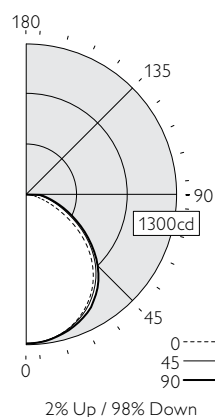
**PHILIPS**  
**LIGHTOLIER**

## Lighting Systems, T8, RT61T20AE

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## Photometry Optics AE Curved Acrylic Lens

## Candela Curve



Report # 2101084  
 Filename 8661T20AE.ies  
 Efficiency 61%  
 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	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	0	35	81	96	107
95	0	0	0	0	0
105	0	0	0	0	0
115	0	0	0	0	0
125	0	0	0	0	0
135	0	0	0	0	0
145	0	0	0	0	0
155	0	0	0	0	0
165	0	0	0	0	0
175	0	0	0	0	0
180	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	50	30	10	0
0 RCR	72	72	72	72	70	70	70	70	67	67	67	67	60	60	60	60
1	66	63	60	58	64	61	59	59	59	57	55	55	50	50	50	50
2	60	55	51	47	58	54	50	51	48	45	42	42	42	42	42	42
3	55	48	43	39	53	47	43	45	41	38	36	36	36	36	36	36
4	50	43	37	33	49	42	37	40	36	33	30	30	30	30	30	30
5	46	38	33	29	45	38	32	36	32	28	26	26	26	26	26	26
6	42	34	29	25	41	34	29	33	28	25	23	23	23	23	23	23
7	39	31	26	22	38	31	26	30	25	22	20	20	20	20	20	20
8	37	28	23	20	36	28	23	27	23	20	18	18	18	18	18	18
9	34	26	21	18	33	26	21	25	21	18	16	16	16	16	16	16
10	32	24	19	16	31	24	19	23	19	16	15	15	15	15	15	15

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	7256	6532	6288
65	5269	5205	5030
75	3320	4088	3883
85	1457	3378	3200

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

☐ Lamps Included ☐ Wall Mount Bracket

☐ Lamps Included and Installed

☐ Intersections

## Mounting Hardware

☐ Mount Type ☐ Suspension Length

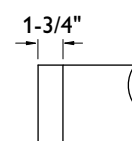
Consult separate mounting spec sheet for mount type options. Enter distance from ceiling to top of fixture in inches.

## Modules

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

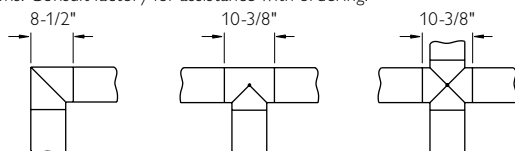
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

## Endcap



## Intersections

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



## 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

RT61T20AE March 27, 2011

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