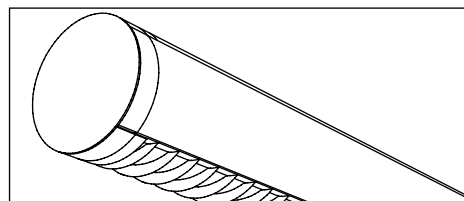
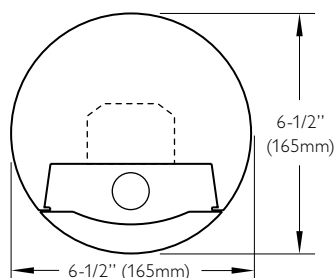


Lighting Systems, T8, RT61T10CE

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Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
RT61	T10	C	E				E	W
Direct			E = Solid Housing		1 = 1 circuit 3 = 1 circuit w/ Emergency circuit 5 = 1 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
	T10 = 1-Lamp	C = Curved Baffle		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 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:	

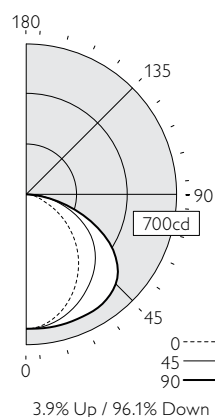
PHILIPS
LIGHTOLIER

Lighting Systems, T8, RT61T10CE

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Photometry Optics CE Curved Baffle

Candela Curve



Report # 2101118
 Filename 8661T10CE.ies
 Efficiency 66.7%
 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	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	55
90	0	17	38	30	5	0
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
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	79	79	79	79	77	77	77	74	74	74	66
1	72	68	65	63	70	67	64	64	62	60	55
2	65	59	54	50	63	58	54	56	52	49	45
3	59	52	46	42	57	51	45	49	44	40	37
4	54	46	39	35	52	45	39	43	38	34	32
5	49	40	34	30	48	40	34	38	33	29	27
6	45	36	30	26	44	36	30	34	29	25	24
7	42	33	27	23	41	32	27	31	26	22	21
8	39	30	24	20	38	29	24	28	23	20	18
9	36	27	22	18	35	27	21	26	21	18	16
10	34	25	20	16	33	25	20	24	19	16	15

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	3953	4886
65		2175	3564	4236
75		1617	2835	2912
85		1200	1817	867

Upgrades & Accessories Please indicate with check mark

☐ Lamps Included ☐ Wall Mount Bracket

☐ Lamps Included and Installed

☐ Intersections

Mounting Hardware

☐ Mount Type ☐ Suspension Length

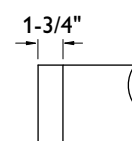
Consult separate mounting spec sheet for mount type options. Enter distance from ceiling to top of fixture in inches.

Modules

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

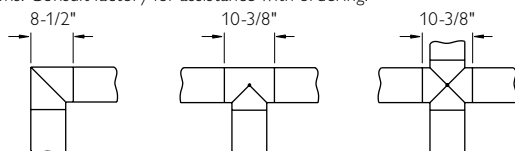
Module	Mount Spacing
4ft	4' 0"
8ft	8' 0"
12ft	12' 0"

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).



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 w: www.lightolier.com

RT61T10CE March 27, 2011

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Job Information Type: