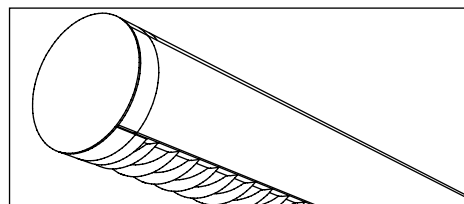
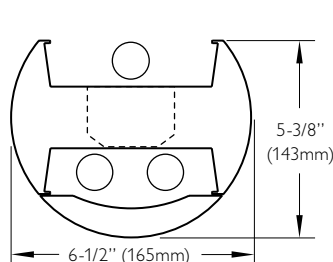


## Lighting Systems, T8, RT65T21CN

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## Ordering Information

Style	Lamps	Lower Optics	Upper Optics	Length	Wiring	Voltage	Ballast	Color & Finish
<div>RT65</div>	<div>T21</div>	<div>C</div>	<div>N</div>				<div>E</div>	<div>W</div>
Direct/Indirect	<div>T21 = 3-Lamp</div>	<div>C = Curved Baffle</div>	<div>N = None</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 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**

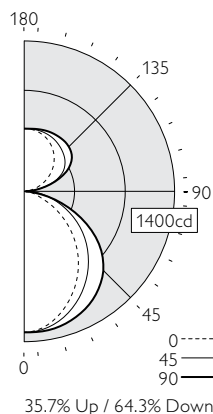
## Lighting Systems, T8, RT65T21CN

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## Photometry

## Optics CN Curved Baffle

## Candela Curve



Report # 866521CN  
 Filename 8665T21CN.ies  
 Efficiency 67.2%  
 Peak Candela Value\* 600 @ 150°  
 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	1305	1305	1305	1305	1305	
5	1292	1291	1299	1304	1307	126
15	1200	1205	1244	1273	1293	351
25	1052	1071	1140	1202	1245	526
35	878	908	1004	1099	1164	631
45	676	717	843	961	1042	652
55	458	510	664	775	850	581
65	245	306	465	537	584	427
75	108	143	274	282	299	241
85	32	55	115	86	52	88
90	1	32	81	59	11	
95	19	42	69	54	76	68
105	104	194	244	221	253	220
115	207	294	387	405	434	345
125	306	366	464	515	542	394
135	393	431	509	563	586	385
145	467	489	543	581	599	336
155	524	534	567	590	599	261
165	561	564	578	589	592	163
175	579	579	580	582	582	57
180	581	581	581	581	581	

## Coefficients of Utilization (%)

Ceiling:	80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	0
0 RCR	73	73	73	73	69	69	69	60	60	60	41		
1	67	64	61	59	63	60	58	52	51	49	34		
2	61	56	51	48	57	52	48	46	43	40	29		
3	55	49	44	40	52	46	41	40	37	34	24		
4	51	43	38	33	47	41	36	36	32	29	20		
5	46	38	33	29	43	36	31	32	28	25	18		
6	43	34	29	25	40	32	27	29	24	21	15		
7	39	31	25	22	37	29	24	26	22	19	13		
8	37	28	23	19	34	27	22	24	20	17	12		
9	34	26	20	17	32	24	20	22	18	15	11		
10	32	23	19	15	30	22	18	20	16	13	10		

Based on a floor reflectance of 0.2

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

Vertical Angle	Horizontal Angle		
	0	45	90
55	5967	5748	6460
65	4332	4676	4983
75	3118	3410	3012
85	2743	1956	664

## Upgrades &amp; Accessories

Please indicate with check mark

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

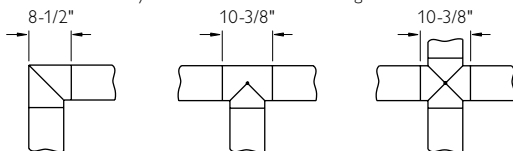
## Modules

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.

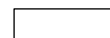


## Mounting Hardware



## Mount Type

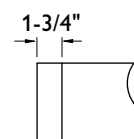
Consult separate mounting spec  
 sheet for mount type options.



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

RT65T21CN March 27, 2011

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