

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Provides general illumination in residential and light commercial applications. Ideal for use with narrow ceiling areas such as in workshops, utility rooms and corridors. **If required for commercial application or operation more than eight (8) hours per day, consult factory for available options.**

**CONSTRUCTION** — Full wraparound with white finished steel end plates and acrylic, prismatic diffuser provides widespread illumination. Diffuser's lift and shift design provides for easy installation, lamp access, cleaning and superior retention. Available in 2 lamp configurations.

Uses a residential electronic ballast (120 volt, 60Hz) for instant on, ensures no flickering and quiet operation without interfering with other home electronics.

Utilizes (2) 32W or (2) 17W linear T8 fluorescent lamps (F32T8/735) for energy efficiency, superior color rendering and 10,000 hour average lamp life.

Series ballast operation and sleeved leads eliminate need for channel cover.

For use with non-dimmable switches only.

**LISTINGS** — UL listed to US and Canadian safety standards and suitable for damp locations.

**WARRANTY** — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number
Notes
Type

Indoor General Purpose



**Wraparound  
Narrow End Utility**

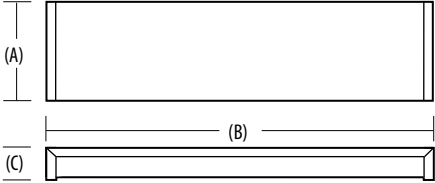
Linear T8 Fluorescent



**TITLE 24**



DIMENSIONS						
Nominal size	Lamp configuration	Model number	Number of lamps	(A) Width inches (cm)	(B) Length inches (cm)	(C) Depth inches (cm)*
(2) Lamp		3324 2L17W	(2) 17W linear T8	5-1/8" (33.0)	24-7/8" (160.4)	2-1/2" (16.1)
(2) Lamp		3348 2L32W	(2) 32W linear T8	5-1/8" (33.0)	48-7/8" (315.3)	2-1/2" (16.1)
*Extension from ceiling. All dimensions are inches (centimeters) unless otherwise indicated.						



ORDERING INFORMATION		For shortest lead times, configure products using <b>bolded options</b> .	Example: 3348 2L32W
Series <sup>1,2</sup>		Ballast/voltage	
<b>3324 2L17W</b>	(2) 17W linear T8 fluorescent lamps required	<b>120 RE</b>	120 volt residential electronic ballast
<b>3348 2L32W</b>	(2) 32W linear T8 fluorescent lamps required		

Replacement parts: Order as separate catalog number.	
D3324/DRB2	2ft. diffuser
D3348/DRB4	4ft. diffuser

- Notes**
- 1 Lamps not included.
  - 2 Use with non-dimmable switches only.

PHOTOMETRICS

TEST NO: LTL16375

LUMINAIRE CATALOG NO.: MODEL 3348  
LUMINAIRE DESCRIPTION: RESIDENTIAL WRAP, 5" X 49", TWO (2) SERIES CONNECTED T8 LAMPS, NO CHANNEL COVER, BALLAST PAINTED WHITE. ACRYLIC PRISMATIC DROP DIFFUSER 1.25" DEEP, CHUANSHI RESIDENTIAL ELECTRONIC BALLAST.  
LAMP CATALOG NO.: F032/735/ECO  
LAMP DESCRIPTION: TWO 32-WATT T8 LINEAR FLUORESCENT, HORIZONTAL POSITION  
LUMENS PER LAMP: 2850

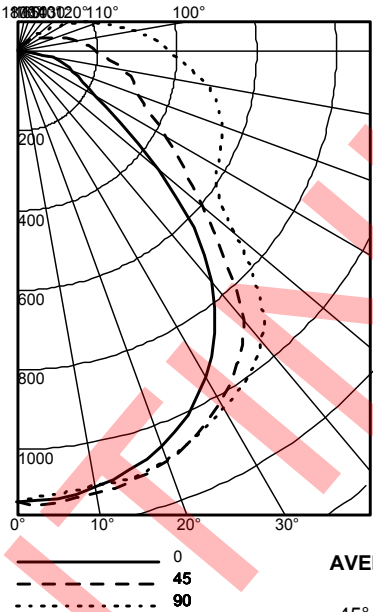
CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Ave	Lumens
0	1132	1132	1132	1132	1132	1132	
5	1127	1125	1136	1118	1116	1125	107
15	1089	1089	1116	1109	1110	1103	312
25	1009	1022	1062	1061	1065	1046	482
35	863	899	960	986	1004	945	589
45	624	665	735	801	856	735	565
55	314	394	507	601	611	491	446
65	179	259	368	544	562	385	383
75	122	174	301	476	519	318	335
85	36	83	229	388	426	233	257
90	2	50	195	347	381	196	
95	1	45	177	316	345	178	193
105	1	39	126	223	249	128	136
115	2	30	83	149	173	87	87
125	2	21	52	87	103	53	48
135	2	15	32	45	51	30	24
145	2	10	22	24	25	17	11
155	2	3	12	14	14	9	4
165	1	0	1	3	5	2	1
175	1	0	0	0	0	0	0
180	0	0	0	0	0	0	

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0° - 30°	900.3	15.8	22.6
0° - 40°	1489.3	26.1	37.4
0° - 60°	2501.1	43.9	62.8
0° - 90°	3476.0	61.0	87.3
90° - 120°	416.2	7.3	10.5
90° - 130°	464.5	8.1	11.7
90° - 150°	499.4	8.8	12.5
90° - 180°	504.4	8.8	12.7
0° - 180°	3980.4	69.8	100.0

SPACING CRITERIA(0-Deg): 1.2  
SPACING CRITERIA(90-Deg): 1.4



AVERAGE LUMINANCE (cd/m2)

	0°	45°	90°
45°	5401	5516	6162
55°	3316	4401	5017
65°	2522	3928	5567
75°	2704	4343	6735
85°	2014	5348	8383

Calculations based on IES File Luminous Area:  
5.16 in. W x 47.88 in. L x 1.2 in. H

COEFFICIENTS OF UTILIZATION

pf pc pw	80%										20%										10%										0%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	70%	50%	30%	10%	50%			30%			10%			50%			30%			10%			50%			30%			10%			0%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
0	81	81	81	81	81	73	73	73	68	68	68	63	63	63	61	61	61	57	57	57	53	53	53	50	50	50	48	48	48	44	44	44	41	41	41	39	39	39	37	37	37	35	35	35	33	33	33	31	31	31	29	29	29	27	27	27	25	25	25	23	23	23	21	21	21	19	19	19	17	17	17	15	15	15	13	13	13	11	11	11	9	9	9	7	7	7	5	5	5	3	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SINGLE LUMINAIRE PERFORMANCE

Task Height: 2.5ft.

Mounting Height	50% beam - 67.2°			10% beam - 107.1°		
	Initial FC Center Beam	Diameter	FC	Diameter	FC	FC
8.0	34.7	7.3	17.4	14.9	3.5	
10.0	19.3	10.0	9.6	20.3	1.9	
12.0	12.2	12.6	6.1	25.7	1.2	
14.0	8.4	15.3	4.2	31.2	0.8	
16.0	6.1	17.9	3.0	36.6	0.6	