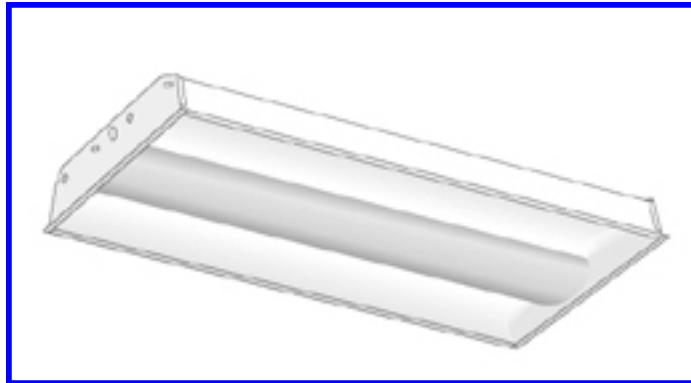


Recessed Direct/Indirect Fixtures



General Description: Attractive 2 x 4 and 2 x 2 direct/indirect fluorescent fixtures with extremely fine fit and finish. **RDI Series** fixtures provide soft, balanced illumination for a contemporary appearance and comfortable light environment. The housing and lamp compartment are fully recessed above the ceiling plane, and there is no visible light source or apparent glare. The perforated baffle and curved reflector produce a combination of direct and indirect light, fully illuminating the fixture.

Ballast Specifications: Standard T8 fixtures utilize instant start electronic ballasts. All ballasts carry a five year warranty. Universal voltage (120v - 277v) ballasts are standard on all T8 and T5 fixtures. T5 fixtures utilize rapid start universal voltage ballasts. All ballasts have a min. ballast factor $>.87$ as ANSI specified, and a min. power factor $>98\%$. All ballasts have input frequency 50/60Hz, low THD: $<10\%$, and minimum starting temperature of 0 F (-18 C). All ballasts are UL listed, and meet ANSI C82.11 specifications for electronic ballasts.

Commercial Lighting Company

4930 Leary Ave NW

Seattle, Wa. 98107

Ph (206) 682-6385 (800) 992-LITE

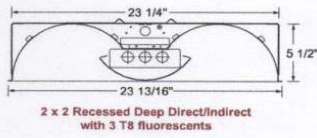
Fax (206) 624-6163

www.commerciallightingcompany.com



2 x 4 RDI with 3 Lamps
 2 x 4 Recessed Direct / Indirect
 Mount Luminaire with White
 Reflector Center Lamp Shield and
 Overlay, 3 32W T8 Lamps
 (F32T8/835/RS)

TESTING CONDUCTED BY:
 Building Acoustics and Lighting
 Laboratories, Inc.
 DATE: 4/10/02
 REPORT NUMBER: 11427.0



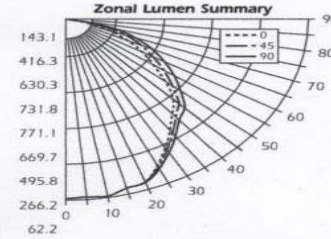
Zonal Cavity Coefficients of Utilization

Ceiling	80				70				50				30				10				0
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	.56	.56	.56	.56	.55	.55	.55	.55	.53	.53	.53	.50	.50	.50	.48	.48	.48	.47	.47	.47	.47
1	.52	.50	.48	.46	.51	.49	.47	.46	.47	.45	.44	.45	.44	.43	.43	.42	.42	.41	.41	.41	.41
2	.48	.44	.41	.38	.46	.43	.40	.38	.41	.39	.37	.40	.38	.36	.39	.37	.36	.35	.35	.35	.35
3	.44	.39	.35	.33	.43	.38	.35	.32	.37	.34	.32	.36	.33	.31	.35	.32	.31	.30	.30	.30	.30
4	.40	.35	.31	.28	.39	.34	.30	.28	.33	.30	.27	.32	.29	.27	.31	.29	.27	.26	.26	.26	.26
5	.37	.31	.27	.24	.36	.30	.26	.23	.29	.26	.23	.28	.25	.23	.27	.25	.23	.22	.22	.22	.22
6	.34	.28	.23	.20	.33	.27	.23	.20	.26	.23	.20	.25	.22	.20	.25	.22	.20	.19	.19	.19	.19
7	.31	.25	.21	.18	.30	.24	.21	.18	.24	.20	.18	.23	.20	.17	.22	.19	.17	.16	.16	.16	.16
8	.29	.22	.18	.15	.28	.22	.18	.15	.21	.18	.15	.21	.17	.15	.20	.17	.15	.14	.14	.14	.14
9	.26	.20	.16	.13	.26	.20	.16	.13	.19	.16	.13	.19	.15	.13	.18	.15	.13	.12	.12	.12	.12
10	.24	.18	.14	.12	.24	.18	.14	.12	.17	.14	.12	.17	.14	.12	.16	.14	.12	.11	.11	.11	.11

Lumen Summary

Zone	Lumens	% Lamp	% Fixt
0-30	1190	13.4	28.4
0-40	1922	21.7	45.9
0-60	3362	38.0	80.3
0-90	4187	47.3	100.0
90-120	0	0.0	0.0
90-130	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	4187	47.3	100.0

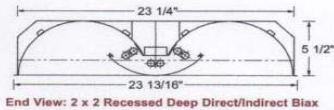
IES Spacing Criteria
 End = 1.2 Diagonal = 1.2 Cross = 1.3



2 x 2 RDI with 3 Lamps

2 x 2 Recessed Direct / Indirect
 Luminaire, 3 40W 2G11-based
 lamps (FT40W/2G11/RS)

TESTING CONDUCTED BY:
 Building Acoustics and Lighting
 Laboratories, Inc.
 DATE: 9/17/01
 REPORT NUMBER: 11212.0



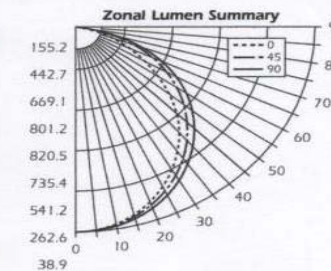
Zonal Cavity Coefficients of Utilization Effective Floor Cavity Reflectance

Ceiling	80				70				50				30				10				0
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	.56	.56	.56	.56	.55	.55	.55	.55	.53	.53	.53	.50	.50	.50	.48	.48	.48	.47	.47	.47	.47
1	.52	.50	.48	.47	.51	.49	.47	.46	.47	.46	.44	.45	.44	.43	.43	.43	.42	.41	.41	.41	.41
2	.48	.44	.41	.39	.47	.43	.41	.38	.42	.39	.37	.40	.38	.37	.39	.37	.36	.35	.35	.35	.35
3	.44	.39	.36	.33	.43	.39	.35	.33	.37	.34	.32	.36	.33	.31	.35	.33	.31	.30	.30	.30	.30
4	.40	.35	.31	.28	.39	.34	.31	.28	.33	.30	.27	.32	.29	.27	.31	.29	.27	.26	.26	.26	.26
5	.37	.31	.27	.24	.36	.30	.26	.24	.29	.26	.23	.28	.25	.23	.28	.25	.23	.22	.22	.22	.22
6	.34	.28	.24	.21	.33	.27	.23	.20	.26	.23	.20	.26	.22	.20	.25	.22	.20	.19	.19	.19	.19
7	.31	.25	.21	.18	.30	.24	.21	.18	.24	.20	.18	.23	.20	.18	.22	.20	.17	.17	.17	.17	.17
8	.29	.22	.18	.16	.28	.22	.18	.15	.21	.18	.15	.21	.18	.15	.20	.17	.15	.14	.14	.14	.14
9	.26	.20	.16	.13	.26	.20	.16	.13	.19	.16	.13	.19	.15	.13	.18	.15	.13	.12	.12	.12	.12
10	.24	.18	.14	.12	.24	.18	.14	.12	.17	.14	.12	.17	.14	.12	.16	.14	.12	.11	.11	.11	.11

Lumen Summary

Zone	Lumens	% Lamp	% Fixt
0-30	1267	13.4	28.4
0-40	2068	21.9	46.3
0-60	3624	38.4	81.1
0-90	4467	47.3	100.0
90-120	0	0.0	0.0
90-130	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	4467	47.3	100.0

IES Spacing Criteria
 End = 1.2 Diagonal = 1.2 Cross = 1.3



Ordering Information:

Part No.	Description
RDI22-217EBUNIV	2x2 RDI , 2L T8, Universal Ballast
RDI22-317EBUNIV	2x2 RDI , 3L T8, Universal Ballast
RDI22-214EBUNIV	2x2 RDI , 2L T5, Universal Ballast
RDI22-314EBUNIV	2x2 RDI , 3L T5, Universal Ballast
RDI24-232EBUNIV	2x4 RDI , 2L T8, Universal Ballast
RDI24-332EBUNIV	2x4 RDI , 3L T8, Universal Ballast
RDI24-228EBUNIV	2x4 RDI , 2L T5, Universal Ballast
RDI24-328EBUNIV	2x4 RDI , 3L T5, Universal Ballast

Also Available with Biax and Dulux L or PL-L lamps with 2G11 bases