



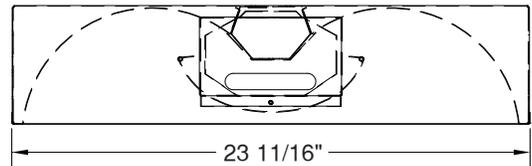
## RDI Recessed 2x2 Deep Direct/Indirect



### GENERAL DESCRIPTION

An attractive center basket 2 x 2 direct / indirect fluorescent fixture housing. The 2 x 2 RDI provides soft, balanced illumination for a contemporary appearance an comfortable low glare light environment.

The housing and lamp compartment are fully recessed above the ceiling plane, minimizing lamp exposure. The perforated baffle and curved reflector produce a combination of direct and indirect light, fully illuminating the fixture housing.



End View: 2 x 2 Recessed Deep Direct/Indirect

### SPECIFICATIONS

**Housing:** Heavy-gauge cold rolled steel.

**Perforated Basket:** White perforated metal basket with white opal acrylic diffuser inlay.

**Lamps:** 2 or 3 Biax, Dulux L or PL-L lamps with 2G11 bases or 2 or 3 T8 or T5 lamps.

**Finish:** Low gloss, high reflectivity powder coat finish.

**Mounting:** Standard troffer mounting for easy installation in T-bar ceilings with earthquake feature.

Catalog No.	Lamps	Length
RDI24022BX	2 BIAX	24"
RDI34022BX	3 BIAX	24"
ROI21722T8	2 T8	24"
RDI31722T8	3 T8	24"
RDI22422T5	2 T5	24"
RDI32422T5	3 T5	24"

### NOTES

Dimensions subject to change without notice.  
Material: 20 gauge steel - NYC approved.  
Fixture options can include: emergency ballast, dimming ballast or dual circuit switching.

**2 x 2 RDI with 2 Lamps**

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

**TESTING CONDUCTED BY:**  
Building Acoustics and Lighting Laboratories, Inc.  
DATE: 9/14/01  
REPORT NUMBER: 11211.0

**Zonal Cavity Coefficients of Utilization**

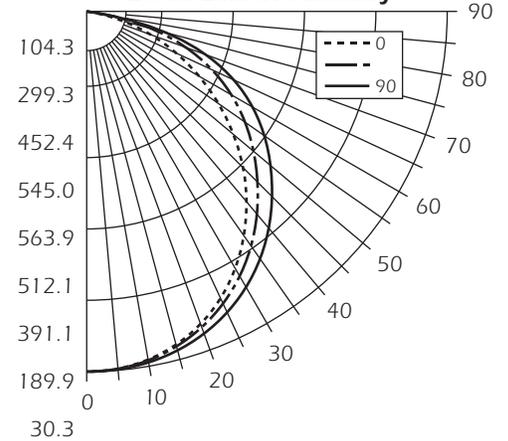
Ceiling	.80				.70				.50			.30			.10			.0
Wall	.70	.50	.30	.10	.70	.50	.30	.10	.50	.30	.10	.50	.30	.10	.50	.30	.10	.00
0	.58	.58	.58	.58	.57	.57	.57	.57	.54	.54	.54	.52	.52	.52	.50	.50	.50	.00
1	.54	.52	.50	.48	.53	.51	.49	.47	.49	.47	.46	.47	.46	.45	.45	.43	.43	.42
2	.49	.46	.43	.40	.48	.45	.42	.39	.43	.41	.39	.41	.39	.38	.40	.38	.37	.36
3	.45	.41	.37	.34	.44	.40	.36	.33	.38	.35	.33	.37	.34	.32	.36	.34	.32	.31
4	.42	.36	.32	.29	.40	.35	.32	.29	.34	.31	.28	.33	.30	.28	.32	.29	.27	.26
5	.38	.32	.27	.24	.37	.31	.27	.24	.30	.27	.24	.29	.26	.24	.28	.26	.23	.22
6	.35	.28	.24	.21	.34	.28	.24	.21	.27	.23	.21	.26	.23	.21	.25	.23	.20	.19
7	.32	.25	.21	.18	.31	.25	.21	.18	.24	.21	.18	.24	.20	.18	.23	.20	.18	.17
8	.29	.23	.19	.16	.29	.22	.19	.16	.22	.18	.16	.21	.18	.16	.21	.18	.15	.15
9	.27	.20	.16	.14	.26	.20	.16	.14	.20	.16	.14	.19	.16	.13	.19	.16	.13	.12
10	.25	.19	.15	.12	.25	.18	.15	.12	.18	.14	.12	.17	.14	.12	.17	.14	.12	.11

RCP

**Lumen Summary**

Zone	Lumens	% Lamp	% Fixt
0-30	856	13.6	27.7
0-40	1401	22.2	45.4
0-60	2477	39.3	80.2
0-90	3088	49.0	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	3088	49.0	100.0

**Zonal Lumen Summary**



**IES Spacing Criteria**

End = 1.2	Diagonal = 1.3	Cross = 1.3
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**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**

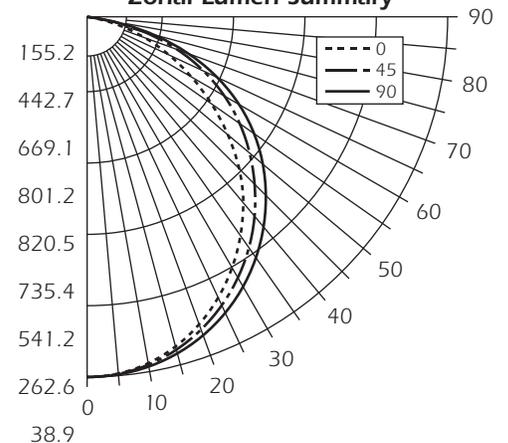
Ceiling	.80				.70				.50			.30			.10			.0
Wall	.70	.50	.30	.10	.70	.50	.30	.10	.50	.30	.10	.50	.30	.10	.50	.30	.10	.00
0	.56	.56	.56	.56	.55	.55	.55	.55	.53	.53	.53	.50	.50	.50	.48	.48	.48	.47
1	.52	.50	.48	.47	.51	.49	.47	.46	.47	.46	.44	.45	.44	.43	.43	.43	.42	.41
2	.48	.44	.41	.39	.47	.43	.41	.38	.42	.39	.37	.40	.38	.37	.39	.37	.36	.35
3	.44	.39	.36	.33	.43	.39	.35	.33	.37	.34	.32	.36	.33	.31	.35	.33	.31	.30
4	.40	.35	.31	.28	.39	.34	.31	.28	.33	.30	.27	.32	.29	.27	.31	.29	.27	.26
5	.37	.31	.27	.24	.36	.30	.26	.24	.29	.26	.23	.28	.25	.23	.28	.25	.23	.22
6	.34	.28	.24	.21	.33	.27	.23	.20	.26	.23	.20	.26	.22	.20	.25	.22	.20	.19
7	.31	.25	.21	.18	.30	.24	.21	.18	.24	.20	.18	.23	.20	.18	.22	.20	.17	.17
8	.29	.22	.18	.16	.28	.22	.18	.15	.21	.18	.15	.21	.18	.15	.20	.17	.15	.14
9	.26	.20	.16	.13	.26	.20	.16	.13	.19	.16	.13	.19	.15	.13	.18	.15	.13	.12
10	.24	.18	.14	.12	.24	.18	.14	.12	.17	.14	.12	.17	.14	.12	.16	.14	.12	.11

RCP

**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

**Zonal Lumen Summary**



**IES Spacing Criteria**

End = 1.2	Diagonal = 1.2	Cross = 1.3
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