



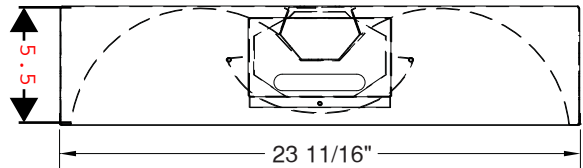
RDI Recessed **2x2 Deep Direct/Indirect**



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

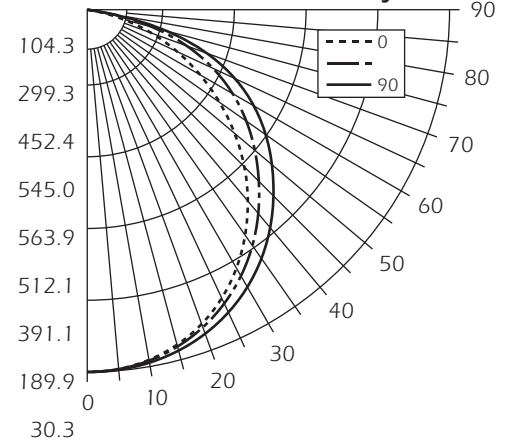
Ceiling	.80				.70				.50			.30			.10			.0
Wall	.70	.50	.30	.10	.70	.50	.30	.10	.50	.30	.10	.50	.30	.10	.50	.30	.10	.00
0	.58	.58	.58	.58	.57	.57	.57	.57	.54	.54	.54	.52	.52	.52	.50	.50	.50	.00
1	.54	.52	.50	.48	.53	.51	.49	.47	.49	.47	.46	.47	.46	.45	.45	.43	.43	.42
2	.49	.46	.43	.40	.48	.45	.42	.39	.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

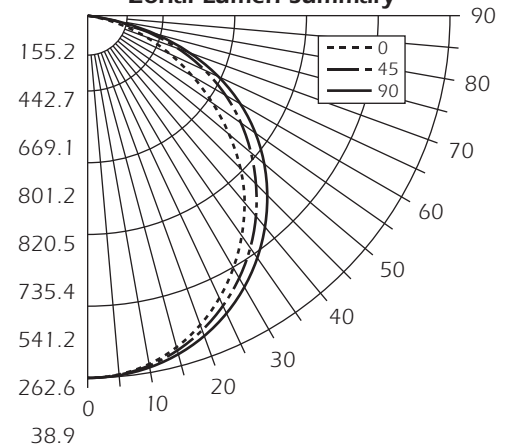
Ceiling	.80				.70				.50			.30			.10			.0
Wall	.70	.50	.30	.10	.70	.50	.30	.10	.50	.30	.10	.50	.30	.10	.50	.30	.10	.00
0	.56	.56	.56	.56	.55	.55	.55	.55	.53	.53	.53	.50	.50	.50	.48	.48	.48	.47
1	.52	.50	.48	.47	.51	.49	.47	.46	.47	.46	.44	.45	.44	.43	.43	.43	.42	.41
2	.48	.44	.41	.39	.47	.43	.41	.38	.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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