

### APPLICATIONS

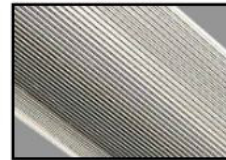
Low profile dual basket RDI is ideal for shallow plenum spaces. Specification grade, direct/indirect dual diffuser luminaire provides smooth and uniform ambient lighting for all commercial and industrial buildings with recessed configurations. Reflected light from matte surfaces provide a softened "sky light" appearance to the modern office environment.

### FEATURES & BENEFITS

- ◆ Direct/indirect mimics "sky light" appearance
- ◆ Matte white reflective surfaces for soft, uniform light distribution
- ◆ Over 80% efficiency when used with optional ribbed acrylic diffuser
- ◆ Recessed dual perforated diffuser with acrylic overlay
- ◆ For use in recessed inverted T-Bar or grid ceilings
- ◆ 2 lamp positions. 4 lamp option for T5
- ◆ T5 or T8 options
- ◆ Call for IES files
- ◆ Every fixture is individually tested
- ◆ **UL** listed for damp location

### SPECIFICATIONS

Housing is die-formed and embossed code 20 gauge steel. Luminaire body finish is high reflectance baked white enamel, with matte white reflectors. Wiring knockouts are provided on the back of housing. Diffusers are perforated to maintain even brightness, and provided with an internal, acrylic overlay to obscure lamps. Listed by and bears **UL** label.



Choice of perforated basket (PF) or linear ribbed acrylic diffuser (RL) shown. Will linear ribbed diffuser, fixtures are over 80% efficient.

### ORDERING DATA

### EXAMPLE: RDISD24-232PFMVB1

RDISD		Lamp Type		Diffuser		Ballast Type		Options	
Series	Size								
<b>RDISD</b>	<b>22</b> 2x2 <b>24</b> 2x4	<b>14</b> 22" T5 <b>17</b> 24" T8 <b>24</b> 22" T5HO <b>28</b> 46" T5 <b>32</b> 48" T8 <b>40BX</b> Biax TT5 <b>54</b> 46" T5HO	<b>PF</b> Perforated Basket <b>RL</b> Ribbed Lens <b>FR</b> Frosted Lens *PF is standard	<b>MV</b> Electronic 120V to 277V <b>120V</b> Electronic 120V <b>277V</b> Electronic 277V <b>R120</b> Residential Electronic 120V <b>PMV</b> Program Start Multivolt	<b>B1</b> T8/T5 1L 500 Lumens Battery Backup (B11) <b>B2</b> T8/T5 1L/2L 700 Lumens Battery Backup (B48) <b>B3</b> T8/T5 1L/2L 1400 Lumens Battery Backup (B223) <b>B51</b> T5HO 1L 500 Lumens Battery Backup (B625) <b>B52</b> T5HO 1L 800 Lumens Battery Backup (B585) <b>B53</b> T5HO 1L 1300 Lumens Battery Backup (B626) <b>11</b> Dual Ballasts 1 Lamp + 1 Lamp <b>21</b> Dual Ballasts 2 Lamp + 1 Lamp <b>22</b> Dual Ballasts 2 Lamp + 2 Lamp <b>31</b> Dual Ballasts 3 Lamp + 1 Lamp <b>L41</b> 741K Lamps Installed <b>L35</b> 735K Lamps Installed <b>L841</b> 841K Lamps Installed <b>L835</b> 835K Lamps Installed <b>RIF</b> Radio Interference Filter <b>WP</b> Whip 6Ft. 3 Wire <b>WP4</b> Whip 6Ft. 4 Wire				
<b>Lamp Position</b> <b>2</b> 2 Lamp (Lamps not included) *Consult factory for 4 lamp (T5 only)									

Brands		Performance Levels			
Code No.	Description	Ballast			
A	Advance	Manufacturer	Standard - Leave blank if no preference	High Efficiency Instant Start	High Efficiency Program Start
G	GE Ballast	Advance (A)	Centium ICN (A)	Optanium (AL, AN, AH)	Optanium PS (APL, APN ???)
L	Lutron	GE (G)	Proline GE (G)	UltraMax (GL, GN, GH)	UltraStart (GPL, GPH, GPH)
S	Sylvania Ballast	Osram/Sylvania (S)	Quicktronic Pro (S)	Quicktronic QHE (SL, SN, SH)	ProStart (SPL, SPN, SPH)
U	Universal	Universal (U)	ULT STD Electronic (U)	HP Electronic (UL, UN, UH)	AccuStart (UPI, UPN, UPH)

Battery Backup (#) if ordering separately.  
\*Call factory for additional options.

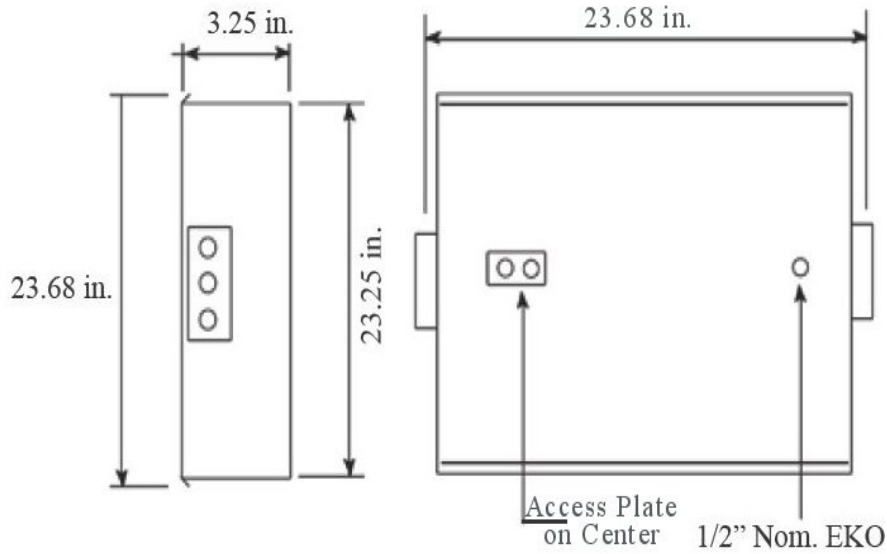
Dimensions and specifications subject to change without notice.



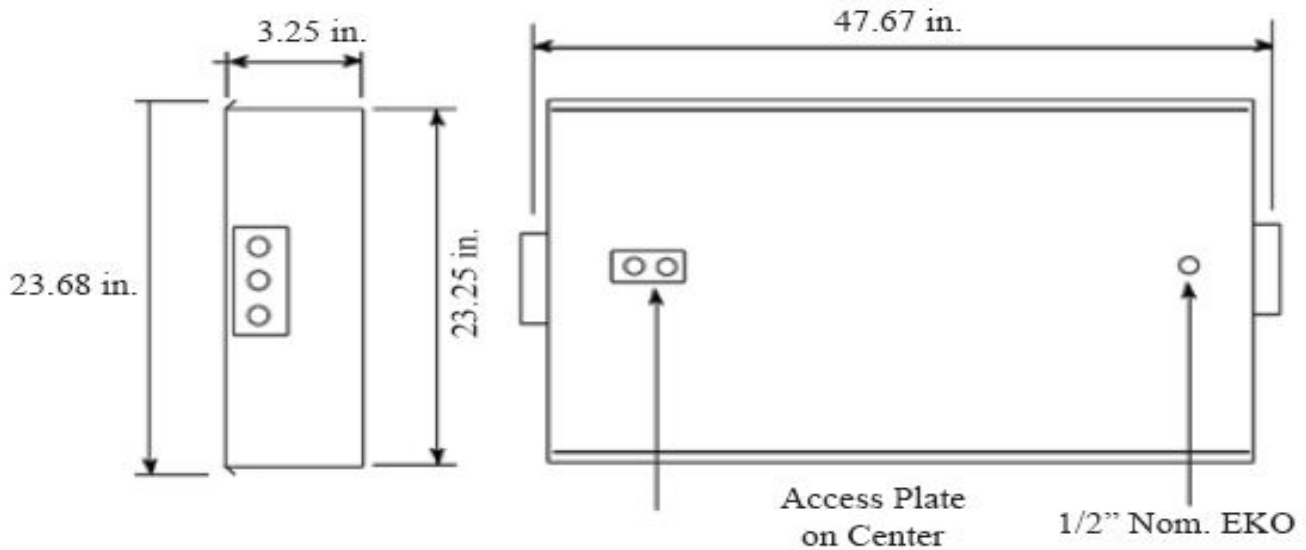
CAT#	
JOB NAME	
TYPE	

**DIMENSIONS**

**TOP VIEW 2x2**



**TOP VIEW 2x4**



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### PHOTOMETRICS

#### LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	184.2	3.8%	90-100	0	0%
10-20	516.5	10.8%	100-110	0	0%
20-30	753.9	15.7%	110-120	0	0%
30-40	868.5	18.1%	120-130	0	0%
40-50	861.8	17.9%	130-140	0	0%
50-60	753.5	15.7%	140-150	0	0%
60-70	558.0	11.6%	150-160	0	0%

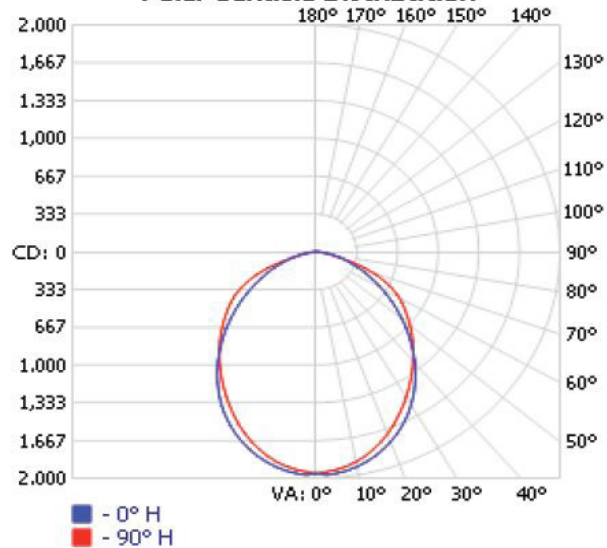
#### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1,454.6	26.6%	30.3%
0-40	2,323.1	42.5%	48.4%
0-60	3,938.3	72.1%	82%
60-90	864.0	15.8%	18%
0-90	4,802.3	88%	100%
90-180	0	0%	0%
0-180	4,802.3	88%	100%

#### AVERAGE LUMINANCE (CD/M2)

	0	22.5	45	67.5	90
0	3213	3213	3213	3213	3213
45	2524	2575	2621	2610	2596
55	2139	2296	2471	2528	2536
65	1719	1983	2321	2414	2414
75	1286	1648	1882	1496	1255
85	772	809	376	320	301

#### Polar Candela Distribution



#### COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.05	1.05	1.05	1.05	1.02	1.02	1.02	.88	.98	.98	.98	.94	.94	.94	.90	.90	.90	.88
1	.96	.92	.89	.86	.94	.90	.87	.76	.87	.84	.82	.83	.81	.79	.80	.78	.77	.75
2	.88	.81	.75	.71	.86	.79	.74	.64	.76	.72	.68	.73	.70	.67	.71	.68	.65	.63
3	.80	.71	.65	.59	.78	.70	.64	.55	.68	.62	.58	.65	.60	.57	.63	.59	.56	.54
4	.74	.64	.56	.50	.72	.62	.55	.48	.60	.54	.49	.58	.53	.49	.56	.52	.48	.46
5	.68	.57	.49	.44	.66	.56	.49	.42	.54	.48	.43	.52	.47	.42	.51	.46	.42	.40
6	.63	.51	.44	.38	.61	.51	.43	.37	.49	.43	.38	.48	.42	.37	.46	.41	.37	.35
7	.58	.47	.39	.34	.57	.46	.39	.33	.45	.38	.34	.43	.38	.33	.42	.37	.33	.31
8	.54	.43	.35	.30	.53	.42	.35	.30	.41	.35	.30	.40	.34	.30	.39	.34	.30	.28
9	.51	.39	.32	.27	.50	.39	.32	.27	.38	.32	.27	.37	.31	.27	.36	.31	.27	.25
10	.48	.36	.29	.25	.47	.36	.29	.24	.35	.29	.25	.34	.29	.25	.33	.28	.25	.23

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