

**Ceiling Cutout: 5 1/16" (129 mm) Dia.**

Frame-In Kit	Compatible Reflector Trims	Vetro Accessory
<b>D4132VU</b> Electronic 120V-277V 26 or 32W Triple Tube 4-Pin (Amalgam)	Downlights <b>8011CL</b> Open, Vertical Lamping	*Only for use with Vetro Accessory D4A01, D4A02, D4A03, D4A04, D4A13, D4A14

## Features

- 1. Socket Cup:** Snaps onto reflector neck to assure consistently correct optical alignment without tools.
- 2. Mounting Frame:** Galvanized stamped steel for dry or plaster ceilings.
- 3. Retaining Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.
- 4. Mounting Brackets:** Galvanized steel. Adjust from inside of fixture. Use 3/4" or 1 1/2" lathing channel, 1/2" EMT, or optional mounting bars.
- 5. Ballast/J-Box:** Electronic 120V - 277V. UL listed for through branch circuit wiring with max of (8) No. 12 AWG, 90°C supply conductors. Outboard mounted to reduce heat transfer and maintain lamp efficacy and life. Service from below without tools.

**Note:** For ballast electrical data and latest lamp/ballast compatibility refer to "Ballast" specification sheet for complete electrical data.

**Note:** Only for use with Decorative downlight accessory D4A01, D4A02, D4A03, D4A13, D4A014, D4A14

## Options & Accessories

**Chicago Plenum Option:**  
**D4132VULC**

**Mounting Bars:** **1950** - 18" Set of (2)  
**1951** - 27" Set of (2)

**T-Bar Anchor Clips:** **1956** - Set of (4), for use with above

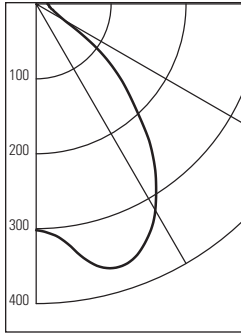
## Labels

UL listed for damp locations.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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### D4A01 - 32W Triple Tube



Report No. 3968FR  
SC = 1.3

#### Candlepower Summary

Angle	Mean CP	LMS
0	302	
5	311	30
10	341	
15	365	102
20	366	
25	348	160
30	318	
35	278	174
40	232	
45	180	141
50	137	
55	88	80
60	43	
65	30	31
70	24	
75	20	21
80	18	
85	17	18
90	15	

#### Zonal Lumens and Percentages

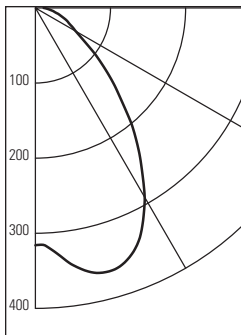
Zone	Lumens	% Lamp	%Luminaire
0-30	291	12.16	38.54
0-40	465	19.4	61.48
0-60	686	28.61	90.67
0-90	757	31.55	100
40-90	291	12.15	38.52
60-90	70	2.94	9.33
90-180	0	0	0
0-180	757	31.55	100

\*\* Efficiency = 31.60% \*\*

#### Coefficients of Utilization

Ceiling	80				70		50		30		0
	70	50	30	10	50	10	50	10	50	10	
Wall	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%										
0	.38	.38	.38	.38	.37	.37	.35	.35	.34	.34	.32
1	.35	.34	.33	.32	.33	.31	.32	.3	.31	.3	.28
2	.33	.31	.29	.28	.3	.28	.29	.27	.28	.26	.25
3	.31	.28	.26	.25	.28	.24	.27	.24	.26	.24	.23
4	.29	.26	.24	.22	.25	.22	.25	.22	.24	.21	.2
5	.27	.24	.21	.2	.23	.19	.23	.19	.22	.19	.18
6	.25	.22	.19	.18	.21	.17	.21	.17	.2	.17	.16
7	.23	.2	.17	.16	.19	.15	.19	.15	.18	.15	.15
8	.22	.18	.16	.14	.18	.14	.17	.14	.17	.14	.13
9	.2	.16	.14	.12	.16	.12	.16	.12	.16	.12	.12
10	.19	.15	.13	.11	.15	.11	.14	.11	.14	.11	.1

### D4A02 - 32W Triple Tube



Report No. 3969FR  
SC = 1.2

#### Candlepower Summary

Angle	Mean CP	LMS
0	316	
5	328	32
10	353	
15	364	102
20	357	
25	332	152
30	291	
35	243	153
40	197	
45	152	119
50	115	
55	83	77
60	62	
65	50	51
70	41	
75	32	34
80	24	
85	17	19
90	11	

#### Zonal Lumens and Percentages

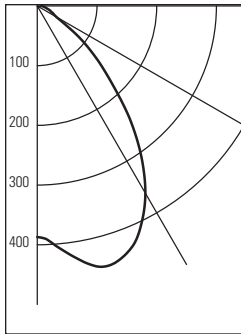
Zone	Lumens	% Lamp	%Luminaire
0-30	285	11.89	38.71
0-40	438	18.26	59.45
0-60	634	26.42	86.01
0-90	737	30.72	100
40-90	298	12.46	40.55
60-90	103	4.3	13.99
90-180	0	0	0
0-180	737	30.72	100

\*\* Efficiency = 30.70% \*\*

#### Coefficients of Utilization

Ceiling	80				70		50		30		0
	70	50	30	10	50	10	50	10	50	10	
Wall	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%										
0	.37	.37	.37	.37	.36	.36	.34	.34	.33	.33	.31
1	.34	.33	.32	.31	.32	.3	.31	.29	.3	.28	.27
2	.32	.3	.28	.27	.29	.26	.28	.26	.27	.25	.24
3	.29	.27	.25	.23	.26	.23	.26	.23	.25	.22	.21
4	.28	.25	.22	.21	.24	.21	.23	.2	.23	.2	.19
5	.26	.22	.2	.18	.22	.18	.21	.18	.21	.18	.17
6	.24	.21	.18	.17	.2	.16	.2	.16	.19	.16	.16
7	.22	.19	.16	.15	.18	.15	.18	.15	.18	.14	.14
8	.21	.17	.15	.13	.17	.13	.17	.13	.16	.13	.13
9	.19	.16	.14	.12	.16	.12	.15	.12	.15	.12	.11
10	.18	.15	.12	.11	.14	.11	.14	.11	.14	.11	.1

### D4A03 - 32W Triple Tube



Report No. 3970FR  
SC = 1.3

#### Candlepower Summary

Angle	Mean CP	LMS
0	387	
5	406	39
10	434	
15	451	126
20	440	
25	409	188
30	362	
35	302	189
40	235	
45	168	133
50	117	
55	69	65
60	37	
65	29	29
70	23	
75	17	19
80	13	
85	10	10
90	6	

#### Zonal Lumens and Percentages

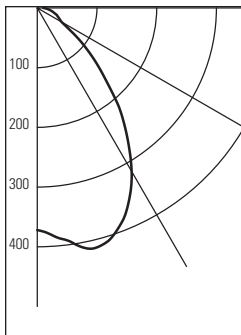
Zone	Lumens	% Lamp	%Luminaire
0-30	352	14.68	44.16
0-40	540	22.54	67.82
0-60	739	30.81	92.7
0-90	797	33.24	100
40-90	256	10.7	32.18
60-90	58	2.42	7.3
90-180	0	0	0
0-180	797	33.24	100

\*\* Efficiency = 33.20% \*\*

#### Coefficients of Utilization

Ceiling	80				70		50		30		0
	70	50	30	10	50	10	50	10	50	10	
Wall	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%										
0	.4	.4	.4	.4	.39	.39	.37	.37	.35	.35	.33
1	.37	.36	.35	.34	.35	.34	.34	.33	.33	.32	.3
2	.35	.33	.32	.3	.33	.3	.31	.29	.3	.29	.27
3	.33	.3	.28	.27	.3	.27	.29	.26	.28	.26	.25
4	.31	.28	.26	.24	.28	.24	.27	.24	.26	.24	.23
5	.29	.26	.23	.22	.25	.22	.25	.22	.24	.21	.21
6	.27	.24	.21	.2	.23	.2	.23	.2	.22	.19	.19
7	.25	.22	.19	.18	.22	.18	.21	.18	.21	.17	.17
8	.24	.2	.18	.16	.2	.16	.19	.16	.19	.16	.15
9	.22	.19	.16	.15	.18	.15	.18	.14	.18	.14	.14
10	.21	.17	.15	.13	.17	.13	.17	.13	.16	.13	.13

### D4A04 - 32W Triple Tube



Report No. 3971FR  
SC = 1.2

#### Candlepower Summary

Angle	Mean CP	LMS
0	372	
5	386	37
10	405	
15	412	115
20	394	
25	361	166
30	316	
35	262	165
40	209	
45	153	121
50	110	
55	72	67
60	47	
65	40	40
70	35	
75	28	30
80	22	
85	16	17
90	10	

#### Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	317	13.24	41.9
0-40	482	20.11	63.64
0-60	671	27.96	88.48
0-90	758	31.6	100
40-90	275	11.49	36.36
60-90	87	3.64	11.52
90-180	0	0	0
0-180	758	31.6	100

\*\* Efficiency = 31.60% \*\*

#### Coefficients of Utilization

Ceiling	80				70		50		30		0
	70	50	30	10	50	10	50	10	50	10	
Wall	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%										
0	.38	.38	.38	.38	.37	.37	.35	.35	.34	.34	.32
1	.35	.34	.33	.32	.33	.31	.32	.31	.31	.3	.28
2	.33	.31	.29	.28	.3	.28	.29	.27	.28	.26	.25
3	.31	.28	.26	.25	.28	.24	.27	.24	.26	.24	.23
4	.29	.26	.24	.22	.26	.22	.25	.22	.24	.21	.21
5	.27	.24	.21	.2	.23	.2	.23	.2	.22	.19	.19
6	.25	.22	.2	.18	.22	.18	.21	.18	.21	.18	.17
7	.24	.2	.18	.16	.2	.16	.19	.16	.19	.16	.15
8	.22	.18	.16	.15	.18	.15	.18	.14	.18	.14	.14
9	.21	.17	.15	.13	.17	.13	.16	.13	.16	.13	.12
10	.19	.16	.13	.12	.16	.12	.15	.12	.15	.12	.11

## Job Information Type:

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