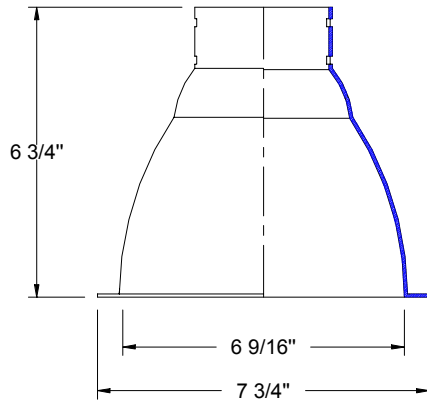


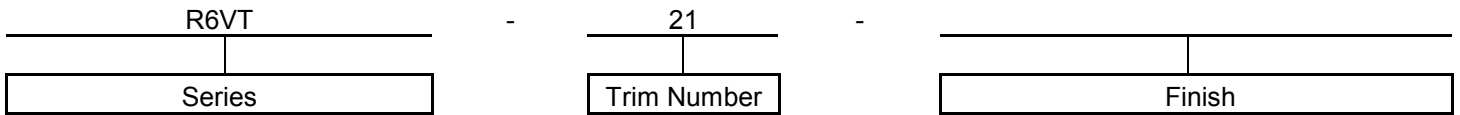
**SPECULAR REFLECTOR**

**MODEL R6VT-21**



**Recessed 6" Vertical Trim**

**Ordering information**



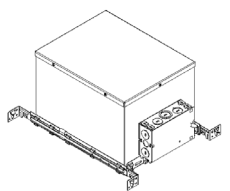
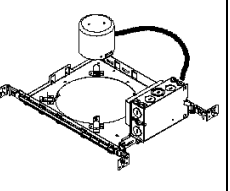
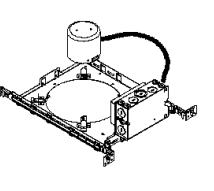
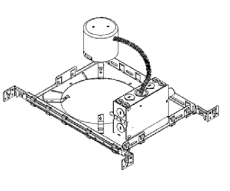
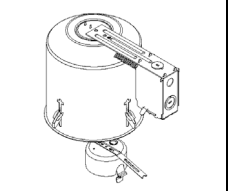
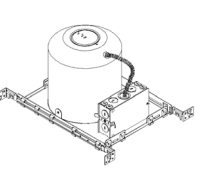
**R6VT**

Recessed 6 inch Vertical Trim

SG-Specular Gold

SC-Specular Clear

**Compatible Housings ( sold separately)**

<p><b>R6VI-B-ICA</b> Insulation Contact &amp; Air Tight New Construction Incandescent <b>Lamp:</b> A19 100W PAR38 100W</p>		<p><b>R6VF-113Q*</b> Non IC Frame-in Style New Construction Fluorescent <b>Lamp:</b> Quad 13W G24Q-1</p>		<p><b>R6VF126/32T*</b> Non IC Frame-in Style New Construction Fluorescent <b>Lamp:</b> Tri-Tube 26/32W GX24Q-3</p>	
<p><b>R6VI</b> Non IC Frame-in Style New Construction Incandescent <b>Lamp:</b> A21 150W BR30 85W</p>		<p><b>R6VI-R-ICA</b> Insulation Contact &amp; Air Tight Remodeling Incandescent <b>Lamp:</b> A19 100W PAR38 100W</p>		<p><b>R6VI-ICA</b> Insulation Contact &amp; Air Tight New Construction Incandescent <b>Lamp:</b> A19 100W PAR38 100W</p>	

\*Housing available in emergency version. Specify "EM" as suffix.

**Product Features**

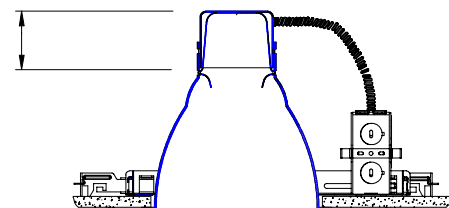
**Application:** Ceiling down light trim, 1-inch maximum ceiling thickness. Provides smooth broad area illumination without shadows. Used with incandescent or fluorescent lamp housings.

**Material:** One-piece spun aluminum construction. Integral trim ring is painted white, interior reflector is anodized aluminum. Trim is retained to socket via spring clips.

**Listing**

UL & CUL listed. Suitable for damp locations.

W.A.C. reserves the right to change details that do not affect overall function and performance.



Socket cup adds a maximum of 2 1/8" to the height of the trim when used with frame in kits.



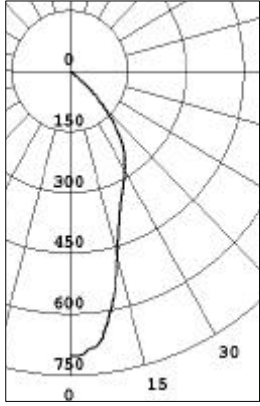
# R6VT-21

## WAC Lighting Recessed Downlighting

## 6" Aperture Open Specular Clear Reflector Trim

Type:

SPACING RATIO=0.65  
 CERTIFIED TEST REPORT NO:0309031  
 COMPUTED BY EVERFINE PROGRAM  
 RECESSED WAC LIGHTING DOWNLIGHT  
 6" DIA.APERTURE, OPEN SPECULAR CLEAR  
 ONE 13W PL-C 4PIN FLUORESCENT LAMP. LUMEN RATING=900LMS.  
 \*LOWER LAMP POSITION USED\*



CANDLEPOWER SUMMARY			
ANGLE	MEAN CP	LUMENS	
0	703		
5	684		
10	602	57	
15	477		
20	377	110	
25	323		
30	284	128	
35	246		
40	191	120	
45	126		
50	60	65	
55	15		
60	1	7	
65	0		
70	0	1	
75	0		
80	0	1	
85	0		
90	0	1	

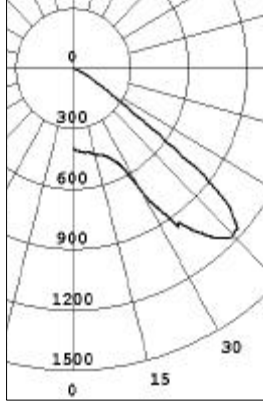
ZONAL LUMENS AND PERCENTAGES			
ZONAL	LUMENS	%LAMP	%LUMINAIRE
0-30	295	32.78	60.20
0-40	415	46.11	84.69
0-60	487	54.11	99.39
0-90	490	54.44	100.00
40-90	195	21.67	39.80
60-90	10	1.11	2.04
90-180	0	0.00	0.00
0-180	490	54.44	100.00

DATE:SEP.22.2003  
 PREPARED FOR:  
 WAC LIGHTING

\*\*EFFICIENCY=54.44%\*\*

TESTED ACCORDING TO IES PROCEDURES.TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

SPACING RATIO=1.95  
 CERTIFIED TEST REPORT NO:0309030  
 COMPUTED BY EVERFINE PROGRAM  
 RECESSED WAC LIGHTING DOWNLIGHT  
 6" DIA.APERTURE, OPEN SPECULAR CLEAR  
 ONE 150W A21 FROSTED LAMP. LUMEN RATING=2850LMS.  
 \*LOWER LAMP POSITION USED\*



CANDLEPOWER SUMMARY			
ANGLE	MEAN CP	LUMENS	
0	394		
5	414		
10	424	41	
15	443		
20	459	127	
25	505		
30	691	257	
35	945		
40	1088	584	
45	1171		
50	1022	697	
55	362		
60	51	241	
65	7		
70	1	34	
75	0		
80	0	1	
85	0		
90	0	0	

ZONAL LUMENS AND PERCENTAGES			
ZONAL	LUMENS	%LAMP	%LUMINAIRE
0-30	425	14.91	21.44
0-40	1009	35.40	50.91
0-60	1947	68.32	98.23
0-90	1982	69.54	100.00
40-90	1557	54.63	78.56
60-90	276	9.68	13.93
90-180	0	0.00	0.00
0-180	1982	69.54	100.00

DATE:SEP.22.2003  
 PREPARED FOR:  
 WAC LIGHTING

\*\*EFFICIENCY=69.54%\*\*

TESTED ACCORDING TO IES PROCEDURES.TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

Pcc	80%	70%	50%	30%	10%	0
Pw	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
Pfc	20%	20%	20%	20%	20%	0
RCR	Coefficients of Utilization					
0	.65 .65 .65	.63 .63 .63	.61 .61 .61	.58 .58 .58	.56 .56 .56	.54
1	.60 .59 .58	.59 .58 .57	.57 .56 .55	.55 .54 .53	.53 .52 .52	.50
2	.56 .53 .52	.55 .52 .52	.53 .51 .50	.51 .50 .49	.50 .48 .48	.47
3	.51 .49 .47	.51 .48 .47	.49 .48 .46	.48 .46 .48	.47 .45 .44	.43
4	.48 .45 .43	.47 .44 .43	.46 .43 .42	.45 .43 .42	.44 .42 .41	.40
5	.44 .41 .40	.44 .41 .40	.43 .40 .39	.42 .40 .39	.41 .39 .38	.37
6	.41 .38 .37	.41 .38 .36	.40 .37 .36	.39 .37 .36	.39 .36 .35	.34
7	.39 .35 .34	.38 .35 .34	.38 .35 .34	.37 .34 .33	.36 .34 .33	.31
8	.36 .33 .32	.36 .33 .32	.35 .32 .31	.35 .32 .31	.34 .32 .31	.29
9	.34 .31 .30	.34 .31 .29	.33 .30 .29	.33 .30 .29	.32 .30 .29	.27
10	.32 .29 .28	.32 .29 .28	.31 .29 .27	.31 .28 .27	.31 .28 .27	.26

Pcc	80%	70%	50%	30%	10%	0
Pw	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
Pfc	20%	20%	20%	20%	20%	0
RCR	Coefficients of Utilization					
0	.83 .83 .83	.81 .81 .81	.77 .77 .77	.74 .74 .74	.71 .71 .71	.70
1	.75 .73 .71	.73 .71 .70	.70 .69 .68	.68 .66 .66	.65 .64 .64	.62
2	.67 .63 .61	.66 .62 .60	.63 .60 .59	.61 .59 .57	.59 .57 .56	.54
3	.60 .55 .53	.58 .54 .52	.57 .53 .51	.55 .51 .50	.53 .50 .49	.47
4	.53 .48 .45	.52 .47 .45	.51 .46 .44	.49 .45 .44	.48 .44 .43	.40
5	.47 .42 .39	.47 .41 .39	.45 .40 .39	.44 .40 .38	.43 .39 .37	.35
6	.42 .37 .34	.42 .36 .34	.40 .36 .34	.39 .35 .33	.38 .34 .33	.30
7	.38 .32 .30	.38 .32 .30	.37 .32 .30	.36 .31 .29	.35 .31 .29	.26
8	.34 .29 .26	.34 .28 .26	.33 .28 .26	.32 .28 .26	.31 .27 .26	.23
9	.31 .26 .23	.31 .25 .23	.30 .25 .23	.29 .25 .23	.28 .24 .23	.20
10	.28 .23 .21	.28 .23 .21	.27 .22 .21	.27 .22 .20	.26 .22 .20	.18