



Alkco's LED ambient ceiling illuminators make an ideal lighting solution for any healthcare imaging space. This fixture best suits spaces with non-ferrous construction and EMI control requirements. This offering supports a relaxing environment through its clean aesthetic and uniform light ppearance ultimately providing patients with comfort, calmness and ease during imaging experiences.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

example: RVAC22G-42-SWH

Model Number	LED Color Temp.	Finish
—	—	
RVAC11G 1x1 Grid Model	35 3500K	SWH Soft white
RVAC11FS 1x1 Flange Model (Surface Mounted)	42 4200K	CC ¹ Custom color
RVAC11FF 1x1 Flange Model (Flush Mounted)		
RVAC14G 1x4 Grid Model		
RVAC14FS 1x4 Flange Model (Surface Mounted)		
RVAC14FF 1x4 Flange Model (Flush Mounted)		
RVAC22G 2x2 Grid Model		
RVAC22FS 2x2 Flange Model (Surface Mounted)		
RVAC22FF 2x2 Flange Model (Flush Mounted)		
RVAC24G 2x4 Grid Model		
RVAC24FS 2x4 Flange Model (Surface Mounted)		
RVAC24FF 2x4 Flange Model (Flush Mounted)		

Footnotes:

¹ Customer to provide color chip to match.



RVAC RelaxView ambient ceiling illuminator

3000K or 4200K white

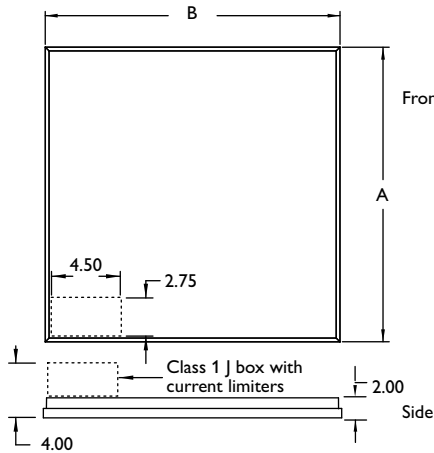
Features

- Easy installation and requires minimal maintenance.
- Long life LED source.
- Available in neutral white (3500K or 4200K).
- Available for grid or flange ceiling installations. Flange options provides either flush ceiling mount or surface ceiling mount.
- Agion® antimicrobial finish.
- Class 1 low voltage installation.
- Dimming option available on RelaxView Power Distribution Module PDM.
- On/Off and 5 level dimming control available with addition of RelaxView Intelligent Wall Dimmer IWD.

Specifications

- **Construction:** Non-ferrous construction. Extruded aluminum housing with a 1/8" translucent white PMMA acrylic diffuser.
- **Finish:** The housing has a polyester powder-coat paint finish with an Agion® antimicrobial finish.
- **Light Source:** LED source for lower power consumption and uniformity, attached to heat-sink for maximum performance and reliability. The LED source is available in 3500K or 4200K white.
- **Electrical:** RelaxView is powered by remote Class 1 low voltage power distribution module(s) (sold separately). Dimming is available. The RelaxView panels do not include a DC power supply. Remote modular Power Distribution Module PDM needed with or without dimmer.
- **Installation:** Easy installation into standard grid or hard ceilings.
- **Listing:** Components are CE or ETL listed and RoHS compliant.
- **Warranty:** Fixture warranted against defects for 5 years from original date of purchase.

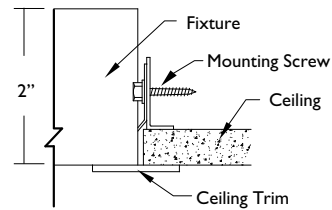
Dimensions



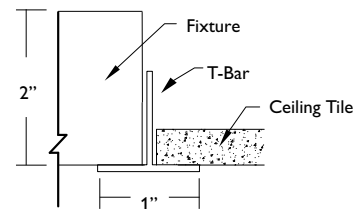
		FLANGE CEILING OPENING			
		A	B	L	W
1 x 1	Front	11.75	11.75	12.25	12.25
1 x 4		11.75	47.81	12.25	48.25
2 x 2		23.75	23.75	24.25	24.25
2 x 4		23.75	47.81	24.25	48.25

All measurements shown in Inches

Flange Flush Mount



Grid



Electrical Data

Model	RVAC11	RVAC14	RVAC22	RVAC24
Power (Watts)	11.50	46.1	46.1	92.2

RVAC RelaxView ambient ceiling illuminator

3000K or 4200K white

Photometrics

RelaxView RVAC 1x1

LER - 54

Catalog No.	RVAC11-42	Candlepower				Light Distribution			Average Luminance						
		Angle	End	45	Cross	Degrees	Lumens	% Linaire	Angle	End	45°	Cross			
Test No.	32126	0	240	240	240	0-30	187	27.5	45	2743	2760	2706			
S/MH	1.2	5	243	238	237	0-40	306	45.0	55	2625	2644	2608			
Lamp Type	LED	10	239	237	234	0-60	540	79.5	65	2433	2453	2424			
Lumens/Lamp	679	15	233	232	226	0-90	680	100.0	75	2029	2043	2033			
Input Watts	12.5	20	226	226	218				85	1076	1076	1146			
		25	216	216	208	Coefficients of Utilization									
		30	204	205	197	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
		35	190	191	185	pcc	80			70			50		
		40	175	176	172	pw	70	50	30	70	50	30	50	30	
		45	159	160	157	RCR									
		50	143	143	141	0	118	118	118	115	115	115	111	111	
		55	124	125	123	1	109	104	100	106	102	97	97	93	
		60	105	106	104	2	98	91	83	95	89	82	84	80	
		65	84	85	84	3	90	80	71	88	78	70	75	68	
		70	64	64	63	4	82	70	61	80	68	60	67	59	
		75	43	43	43	5	76	63	54	73	61	53	59	52	
		80	23	24	24	6	69	56	47	68	56	46	54	46	
		85	8	8	8	7	65	51	42	63	51	41	48	41	
						8	59	46	38	58	46	38	45	36	
						9	56	42	34	55	41	34	40	34	
						10	53	40	32	52	39	32	38	30	

Comparative yearly lighting energy cost per 1000 lumens - **\$4.44** based on 3000 hrs. and **\$.08** pwr KWH.

The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Photometric values based on test performed in compliance with LM-79.

RelaxView RVAC 1x4

LER - 61

Catalog No.	RVAC14-42	Candlepower				Light Distribution			Average Luminance						
		Angle	End	45	Cross	Degrees	Lumens	% Linaire	Angle	End	45°	Cross			
Test No.	32125	0	1028	1028	1028	0-30	798	27.4	45	2825	2833	2821			
S/MH	1.3	5	1019	1023	1026	0-40	1307	44.9	55	2723	2717	2705			
Lamp Type	LED	10	1006	1009	1013	0-60	2312	79.4	65	2529	2517	2499			
Lumens/Lamp	2911	15	984	987	987	0-90	2911	100.0	75	2120	2095	2078			
Input Watts	48	20	953	956	955				85	1086	1076	1146			
		25	913	917	916	Coefficients of Utilization									
		30	867	870	867	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
		35	812	814	812	pcc	80			70			50		
		40	751	751	751	pw	70	50	30	70	50	30	50	30	
		45	684	686	683	RCR									
		50	611	612	611	0	118	118	118	115	115	115	111	111	
		55	535	534	531	1	109	104	100	106	102	97	97	93	
		60	452	451	449	2	98	91	83	95	89	82	84	80	
		65	366	364	362	3	90	80	70	88	78	69	75	68	
		70	277	275	272	4	82	70	61	80	68	60	67	59	
		75	188	186	184	5	76	63	54	73	61	53	59	52	
		80	102	101	101	6	69	56	47	68	56	46	54	46	
		85	32	32	34	7	65	51	42	63	51	41	48	40	
						8	59	46	38	58	46	38	45	36	
						9	56	42	34	55	41	34	40	34	
						10	53	40	32	52	39	32	38	30	

Comparative yearly lighting energy cost per 1000 lumens - **\$3.93** based on 3000 hrs. and **\$.08** pwr KWH.

The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Photometric values based on test performed in compliance with LM-79.

RelaxView RVAC 2x2

LER - 61

Catalog No.	RVAC22-42	Candlepower				Light Distribution			Average Luminance						
		Angle	End	45	Cross	Degrees	Lumens	% Linaire	Angle	End	45°	Cross			
Test No.	32122	0	1135	1135	1135	0-30	880	27.5	45	3107	3108	3122			
S/MH	1.3	5	1131	1130	1130	0-40	1441	45.0	55	2977	2977	2992			
Lamp Type	LED	10	1116	1114	1114	0-60	2545	79.4	65	2760	2762	2775			
Lumens/Lamp	3205	15	1090	1089	1090	0-90	3203	100.0	75	2308	2310	2330			
Input Watts	52.5	20	1055	1053	1055				85	1206	1206	1276			
		25	1011	1011	1012	Coefficients of Utilization									
		30	957	956	959	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
		35	894	894	898	pcc	80			70			50		
		40	826	827	831	pw	70	50	30	70	50	30	50	30	
		45	753	753	756	RCR									
		50	672	673	676	0	118	118	118	115	115	115	111	111	
		55	585	585	588	1	109	104	100	106	102	97	97	93	
		60	494	494	497	2	98	91	83	95	89	82	84	80	
		65	400	400	402	3	90	80	71	88	78	70	75	68	
		70	302	302	303	4	82	70	61	80	68	60	67	59	
		75	205	205	207	5	76	63	54	73	61	53	59	52	
		80	111	112	114	6	69	56	47	68	56	46	54	46	
		85	36	36	38	7	65	51	42	63	51	41	48	41	
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RVAC RelaxView ambient ceiling illuminator

3000K or 4200K white

RelaxView RVAC 2x4

LER - 63

Catalog No. RVAC24-42 Test No. 32123 S/MH 1.3 Lamp Type LED Lumens/Lamp 6152 Input Watts 97.3		Candlepower <table border="1"> <thead> <tr> <th>Angle</th> <th>End</th> <th>45</th> <th>Cross</th> </tr> </thead> <tbody> <tr><td>0</td><td>2157</td><td>2157</td><td>2157</td></tr> <tr><td>5</td><td>2159</td><td>2145</td><td>2148</td></tr> <tr><td>10</td><td>2132</td><td>2116</td><td>2118</td></tr> <tr><td>15</td><td>2088</td><td>2070</td><td>2067</td></tr> <tr><td>20</td><td>2024</td><td>2006</td><td>2001</td></tr> <tr><td>25</td><td>1943</td><td>1924</td><td>1917</td></tr> <tr><td>30</td><td>1848</td><td>1826</td><td>1818</td></tr> <tr><td>35</td><td>1734</td><td>1712</td><td>1702</td></tr> <tr><td>40</td><td>1608</td><td>1586</td><td>1575</td></tr> <tr><td>45</td><td>1465</td><td>1446</td><td>1436</td></tr> <tr><td>50</td><td>1313</td><td>1293</td><td>1283</td></tr> <tr><td>55</td><td>1148</td><td>1129</td><td>1118</td></tr> <tr><td>60</td><td>973</td><td>955</td><td>945</td></tr> <tr><td>65</td><td>789</td><td>774</td><td>763</td></tr> <tr><td>70</td><td>598</td><td>585</td><td>576</td></tr> <tr><td>75</td><td>406</td><td>397</td><td>392</td></tr> <tr><td>80</td><td>221</td><td>217</td><td>216</td></tr> <tr><td>85</td><td>72</td><td>70</td><td>75</td></tr> </tbody> </table>				Angle	End	45	Cross	0	2157	2157	2157	5	2159	2145	2148	10	2132	2116	2118	15	2088	2070	2067	20	2024	2006	2001	25	1943	1924	1917	30	1848	1826	1818	35	1734	1712	1702	40	1608	1586	1575	45	1465	1446	1436	50	1313	1293	1283	55	1148	1129	1118	60	973	955	945	65	789	774	763	70	598	585	576	75	406	397	392	80	221	217	216	85	72	70	75	Light Distribution <table border="1"> <thead> <tr> <th>Degrees</th> <th>Lumens</th> <th>% Luminaire</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>1676</td><td>27.2</td></tr> <tr><td>0-40</td><td>2748</td><td>44.7</td></tr> <tr><td>0-60</td><td>4873</td><td>79.2</td></tr> <tr><td>0-90</td><td>6150</td><td>100.0</td></tr> </tbody> </table>			Degrees	Lumens	% Luminaire	0-30	1676	27.2	0-40	2748	44.7	0-60	4873	79.2	0-90	6150	100.0	Average Luminance <table border="1"> <thead> <tr> <th>Angle</th> <th>End</th> <th>45°</th> <th>Cross</th> </tr> </thead> <tbody> <tr><td>45</td><td>2963</td><td>2924</td><td>2904</td></tr> <tr><td>55</td><td>2863</td><td>2816</td><td>2788</td></tr> <tr><td>65</td><td>2669</td><td>2619</td><td>2582</td></tr> <tr><td>75</td><td>2245</td><td>2191</td><td>2165</td></tr> <tr><td>85</td><td>1181</td><td>1152</td><td>1224</td></tr> </tbody> </table>				Angle	End	45°	Cross	45	2963	2924	2904	55	2863	2816	2788	65	2669	2619	2582	75	2245	2191	2165	85	1181	1152	1224									
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Buy American Act of 1933 (BAA):

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit www.signify.com/baa to view a current list of BAA-compliant products to confirm this product's current compliance.



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