



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 <sup>1</sup> 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:**

<sup>1</sup> Customer to provide color chip to match.



# RVAC RelaxView ambient ceiling illuminator

3000K or 4200K white

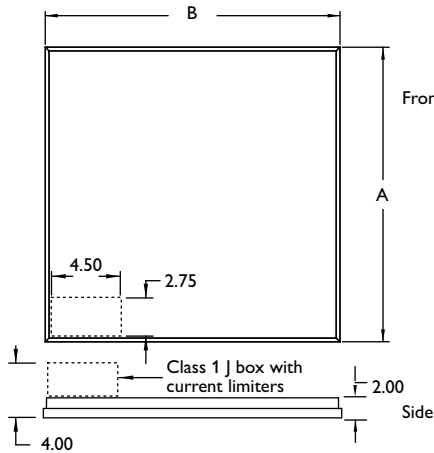
## Features

- 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.

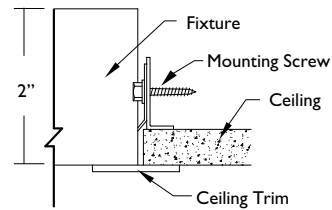
## Dimensions



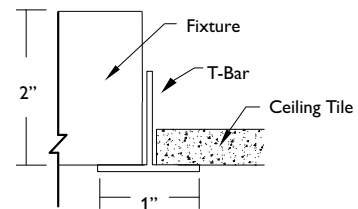
|       |       | FLANGE CEILING OPENING |       |       |       |
|-------|-------|------------------------|-------|-------|-------|
|       |       | A                      | B     | L     | W     |
| 1 x 1 | Front | 11.75                  | 11.75 | 12.25 | 12.25 |
| 1 x 4 |       | 11.75                  | 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

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|   |  |  |   |  |   |  |   |   |  |  |  |  |
|---|--|--|---|--|---|--|---|---|--|--|--|--|
| <b>Catalog No.</b> RVAC11-42<br><b>Test No.</b> 32126<br><b>S/MH</b> 1.2<br><b>Lamp Type</b> LED<br><b>Lumens/Lamp</b> 679<br><b>Input Watts</b> 12.5<br><br>Comparative yearly lighting energy cost per 1000 lumens - <b>\$4.44</b> based on 3000 hrs. and <b>\$.08</b> pwr KWH.<br><br>The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.<br><br>Photometric values based on test performed in compliance with LM-79. | <b>Candlepower</b>   |  |   |  | <b>Light Distribution</b>                                   | <b>Average Luminance</b>                       |   |   |  |  |  |  |
|   | <b>Angle</b><br>0<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85 | <b>End</b><br>240<br>243<br>239<br>233<br>226<br>216<br>204<br>190<br>175<br>159<br>143<br>124<br>105<br>84<br>64<br>43<br>23<br>8 | <b>45</b><br>240<br>238<br>237<br>232<br>226<br>216<br>205<br>191<br>176<br>160<br>143<br>125<br>106<br>85<br>64<br>43<br>24<br>8 | <b>Cross</b><br>240<br>237<br>234<br>226<br>218<br>208<br>197<br>185<br>172<br>157<br>141<br>123<br>104<br>84<br>63<br>43<br>24<br>8 |   | <b>Degrees</b><br>0-30<br>0-40<br>0-60<br>0-90 | <b>Lumens</b><br>187<br>306<br>540<br>680 | <b>% Linaire</b><br>27.5<br>45.0<br>79.5<br>100.0 | <b>Angle</b><br>45<br>55<br>65<br>75<br>85 | <b>End</b><br>2743<br>2625<br>2433<br>2029<br>1076 | <b>45°</b><br>2760<br>2644<br>2453<br>2043<br>1076 | <b>Cross</b><br>2706<br>2608<br>2424<br>2033<br>1146 |
| <b>Coefficients of Utilization</b>  |  |  |   |  | <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b> |  |   |   |  |  |  |  |
|   |  |  |   |  | <b>pcc</b>  |  | <b>pw</b>                                 |   | <b>RCR</b>                                 |  |  |  |
|   |  |  |   |  | 80  |  | 70  |   | 50   |  |  |  |
|   |  |  |   |  | 70 50 30  |  | 70 50 30                                  |   | 50 30                                      |  |  |  |
|   |  |  |   |  | 0   |  | 1   |   | 2  |  | 3  |  |
|   |  |  |   |  | 118 118 118   |  | 115 115 115                               |   | 111 111                                    |  |  |  |
|   |  |  |   |  | 109 104 100   |  | 106 102 97                                |   | 97 93                                      |  |  |  |
|   |  |  |   |  | 98 91 83  |  | 95 89 82                                  |   | 84 80                                      |  |  |  |
|   |  |  |   |  | 90 80 71  |  | 88 78 70                                  |   | 75 68                                      |  |  |  |
|   |  |  |   |  | 82 70 61  |  | 80 68 60                                  |   | 67 59                                      |  |  |  |
|   |  |  |   |  | 76 63 54  |  | 73 61 53                                  |   | 59 52                                      |  |  |  |
|   |  |  |   |  | 69 56 47  |  | 68 56 46                                  |   | 54 46                                      |  |  |  |
|   |  |  |   |  | 65 51 42  |  | 63 51 41                                  |   | 48 41                                      |  |  |  |
|   |  |  |   |  | 59 46 38  |  | 58 46 38                                  |   | 45 36                                      |  |  |  |
|   |  |  |   |  | 56 42 34  |  | 55 41 34                                  |   | 40 34                                      |  |  |  |
|   |  |  |   |  | 53 40 32  |  | 52 39 32                                  |   | 38 30                                      |  |  |  |

### RelaxView RVAC 1x4

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|  |  |  |   |  |   |  |  |   |  |  |  |  |
|--|--|--|---|--|---|--|--|---|--|--|--|--|
| <b>Catalog No.</b> RVAC14-42<br><b>Test No.</b> 32125<br><b>S/MH</b> 1.3<br><b>Lamp Type</b> LED<br><b>Lumens/Lamp</b> 2911<br><b>Input Watts</b> 48<br><br>Comparative yearly lighting energy cost per 1000 lumens - <b>\$3.93</b> based on 3000 hrs. and <b>\$.08</b> pwr KWH.<br><br>The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.<br><br>Photometric values based on test performed in compliance with LM-79. | <b>Candlepower</b>   |  |   |  | <b>Light Distribution</b>                                   | <b>Average Luminance</b>                       |  |   |  |  |  |  |
|  | <b>Angle</b><br>0<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85 | <b>End</b><br>1028<br>1019<br>1006<br>984<br>953<br>913<br>867<br>812<br>751<br>684<br>611<br>535<br>452<br>366<br>277<br>188<br>102<br>32 | <b>45</b><br>1028<br>1023<br>1009<br>987<br>956<br>917<br>870<br>814<br>751<br>686<br>612<br>534<br>451<br>364<br>275<br>186<br>101<br>32 | <b>Cross</b><br>1028<br>1026<br>1013<br>987<br>955<br>916<br>867<br>812<br>751<br>683<br>611<br>531<br>449<br>362<br>272<br>184<br>101<br>34 |   | <b>Degrees</b><br>0-30<br>0-40<br>0-60<br>0-90 | <b>Lumens</b><br>798<br>1307<br>2312<br>2911 | <b>% Linaire</b><br>27.4<br>44.9<br>79.4<br>100.0 | <b>Angle</b><br>45<br>55<br>65<br>75<br>85 | <b>End</b><br>2825<br>2723<br>2529<br>2120<br>1086 | <b>45°</b><br>2833<br>2717<br>2517<br>2095<br>1076 | <b>Cross</b><br>2821<br>2705<br>2499<br>2078<br>1146 |
| <b>Coefficients of Utilization</b>   |  |  |   |  | <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b> |  |  |   |  |  |  |  |
|  |  |  |   |  | <b>pcc</b>  |  | <b>pw</b>                                    |   | <b>RCR</b>                                 |  |  |  |
|  |  |  |   |  | 80  |  | 70   |   | 50   |  |  |  |
|  |  |  |   |  | 70 50 30  |  | 70 50 30                                     |   | 50 30                                      |  |  |  |
|  |  |  |   |  | 0   |  | 1  |   | 2  |  | 3  |  |
|  |  |  |   |  | 118 118 118   |  | 115 115 115                                  |   | 111 111                                    |  |  |  |
|  |  |  |   |  | 109 104 100   |  | 106 102 97                                   |   | 97 93                                      |  |  |  |
|  |  |  |   |  | 98 91 83  |  | 95 89 82                                     |   | 84 80                                      |  |  |  |
|  |  |  |   |  | 90 80 70  |  | 88 78 69                                     |   | 75 68                                      |  |  |  |
|  |  |  |   |  | 82 70 61  |  | 80 68 60                                     |   | 67 59                                      |  |  |  |
|  |  |  |   |  | 76 63 54  |  | 73 61 53                                     |   | 59 52                                      |  |  |  |
|  |  |  |   |  | 69 56 47  |  | 68 56 46                                     |   | 54 46                                      |  |  |  |
|  |  |  |   |  | 65 51 42  |  | 63 51 41                                     |   | 48 40                                      |  |  |  |
|  |  |  |   |  | 59 46 38  |  | 58 46 38                                     |   | 45 36                                      |  |  |  |
|  |  |  |   |  | 56 42 34  |  | 55 41 34                                     |   | 40 34                                      |  |  |  |
|  |  |  |   |  | 53 40 32  |  | 52 39 32                                     |   | 38 30                                      |  |  |  |

### RelaxView RVAC 2x2

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|  |  |   |  |   |   |  |  |   |  |  |  |  |
|--|--|---|--|---|---|--|--|---|--|--|--|--|
| <b>Catalog No.</b> RVAC22-42<br><b>Test No.</b> 32122<br><b>S/MH</b> 1.3<br><b>Lamp Type</b> LED<br><b>Lumens/Lamp</b> 3205<br><b>Input Watts</b> 52.5<br><br>Comparative yearly lighting energy cost per 1000 lumens - <b>\$3.93</b> based on 3000 hrs. and <b>\$.08</b> pwr KWH.<br><br>The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.<br><br>Photometric values based on test performed in compliance with LM-79. | <b>Candlepower</b>   |   |  |   | <b>Light Distribution</b>                                   | <b>Average Luminance</b>                       |  |   |  |  |  |  |
|  | <b>Angle</b><br>0<br>5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60<br>65<br>70<br>75<br>80<br>85 | <b>End</b><br>1135<br>1131<br>1116<br>1090<br>1055<br>1011<br>957<br>894<br>826<br>753<br>672<br>585<br>494<br>400<br>302<br>205<br>111<br>36 | <b>45</b><br>1135<br>1130<br>1114<br>1090<br>1055<br>1012<br>959<br>898<br>831<br>756<br>676<br>588<br>497<br>402<br>303<br>207<br>114<br>38 | <b>Cross</b><br>1135<br>1130<br>1114<br>1090<br>1055<br>1012<br>959<br>898<br>831<br>756<br>676<br>588<br>497<br>402<br>303<br>207<br>114<br>38 |   | <b>Degrees</b><br>0-30<br>0-40<br>0-60<br>0-90 | <b>Lumens</b><br>880<br>1441<br>2545<br>3203 | <b>% Linaire</b><br>27.5<br>45.0<br>79.4<br>100.0 | <b>Angle</b><br>45<br>55<br>65<br>75<br>85 | <b>End</b><br>3107<br>2977<br>2760<br>2308<br>1206 | <b>45°</b><br>3108<br>2977<br>2762<br>2310<br>1206 | <b>Cross</b><br>3122<br>2992<br>2775<br>2330<br>1276 |
| <b>Coefficients of Utilization</b>   |  |   |  |   | <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b> |  |  |   |  |  |  |  |
|  |  |   |  |   | <b>pcc</b>  |  | <b>pw</b>                                    |   | <b>RCR</b>                                 |  |  |  |
|  |  |   |  |   | 80  |  | 70   |   | 50   |  |  |  |
|  |  |   |  |   | 70 50 30  |  | 70 50 30                                     |   | 50 30                                      |  |  |  |
|  |  |   |  |   | 0   |  | 1  |   | 2  |  | 3  |  |
|  |  |   |  |   | 118 118 118   |  | 115 115 115                                  |   | 111 111                                    |  |  |  |
|  |  |   |  |   | 109 104 100   |  | 106 102 97                                   |   | 97 93                                      |  |  |  |
|  |  |   |  |   | 98 91 83  |  | 95 89 82                                     |   | 84 80                                      |  |  |  |
|  |  |   |  |   | 90 80 71  |  | 88 78 70                                     |   | 75 68                                      |  |  |  |
|  |  |   |  |   | 82 70 61  |  | 80 68 60                                     |   | 67 59                                      |  |  |  |
|  |  |   |  |   | 76 63 54  |  | 73 61 53                                     |   | 59 52                                      |  |  |  |
|  |  |   |  |   | 69 56 47  |  | 68 56 46                                     |   | 54 46                                      |  |  |  |
|  |  |   |  |   | 65 51 42  |  | 63 51 41                                     |   | 48 41                                      |  |  |  |
|  |  |   |  |   | 59 46 38  |  | 58 46 38                                     |   | 45 36                                      |  |  |  |
|  |  |   |  |   | 56 42 34  |  | 55 41 34                                     |   | 40 34                                      |  |  |  |
|  |  |   |  |   | 53 40 32  |  | 52 39 32                                     |   | 38 30                                      |  |  |  |

# RVAC RelaxView ambient ceiling illuminator

3000K or 4200K white

RelaxView RVAC 2x4

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| Catalog No. RVAC24-42 |       | Candlepower |      |      |       | Light Distribution |        |             | Average Luminance |      |      |       |
|-----------------------|-------|-------------|------|------|-------|--------------------|--------|-------------|-------------------|------|------|-------|
| Test No.              | 32123 | Angle       | End  | 45   | Cross | Degrees            | Lumens | % Luminaire | Angle             | End  | 45°  | Cross |
| S/MH                  | 1.3   | 0           | 2157 | 2157 | 2157  | 0-30               | 1676   | 27.2        | 45                | 2963 | 2924 | 2904  |
| Lamp Type             | LED   | 5           | 2159 | 2145 | 2148  | 0-40               | 2748   | 44.7        | 55                | 2863 | 2816 | 2788  |
| Lumens/Lamp           | 6152  | 10          | 2132 | 2116 | 2118  | 0-60               | 4873   | 79.2        | 65                | 2669 | 2619 | 2582  |
| Input Watts           | 97.3  | 15          | 2088 | 2070 | 2067  | 0-90               | 6150   | 100.0       | 75                | 2245 | 2191 | 2165  |
|                       |       | 20          | 2024 | 2006 | 2001  |                    |        |             | 85                | 1181 | 1152 | 1224  |
|                       |       | 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    |                    |        |             |                   |      |      |       |

| Coefficients of Utilization                          |     |     |     |     |     |     |     |     |  |  |  |  |
|--|-----|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|
| EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20) |     |     |     |     |     |     |     |     |  |  |  |  |
| pcc  | 80  |     |     | 70  |     |     | 50  |     |  |  |  |  |
| pw   | 70  | 50  | 30  | 70  | 50  | 30  | 50  | 30  |  |  |  |  |
| RCR  |     |     |     |     |     |     |     |     |  |  |  |  |
| 0  | 118 | 118 | 118 | 115 | 115 | 115 | 111 | 111 |  |  |  |  |
| 1  | 109 | 104 | 100 | 106 | 102 | 97  | 97  | 93  |  |  |  |  |
| 2  | 98  | 91  | 83  | 95  | 89  | 82  | 84  | 80  |  |  |  |  |
| 3  | 90  | 80  | 70  | 88  | 78  | 69  | 75  | 68  |  |  |  |  |
| 4  | 81  | 69  | 61  | 80  | 68  | 60  | 67  | 58  |  |  |  |  |
| 5  | 76  | 63  | 54  | 73  | 61  | 53  | 59  | 52  |  |  |  |  |
| 6  | 69  | 56  | 47  | 68  | 56  | 46  | 54  | 46  |  |  |  |  |
| 7  | 65  | 51  | 41  | 63  | 50  | 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  | 30  | 38  | 30  |  |  |  |  |

Comparative yearly lighting energy cost per 1000 lumens - **\$3.81** 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.

## 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](http://www.signify.com/baa) to view a current list of BAA-compliant products to confirm this product's current compliance.



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