

Day-Brite CFI

by  Signify

Healthcare

RelaxView LED Ambient
Recessed Downlight

3500K or 4200K



Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Day-Brite / CFI RelaxView LED Ambient Recessed Downlights are the perfect compliment to the RelaxView LED Ambient Ceiling Illuminators. They are ideal for the Healthcare imaging environment where non-ferrous construction and EMI control are imperative. A relaxing environment is provided by clean aesthetics and soft uniform light appearance, helping patients feel more comfortable, calm, and at ease during imaging experiences.

Ordering guide

example: RVAD6G-42-SWH

Model Number	LED Color Temp.	Finish
—	—	—
RVAD6G 6" Downlight Grid	35 3500K	SWH Soft white
RVAD6F 6" Downlight Flange	42 4200K	CC¹ Custom color

Footnotes:

¹ Customer to provide color chip to match.



RVAD Relaxview Ambient Recessed Downlight

3500K or 4200K

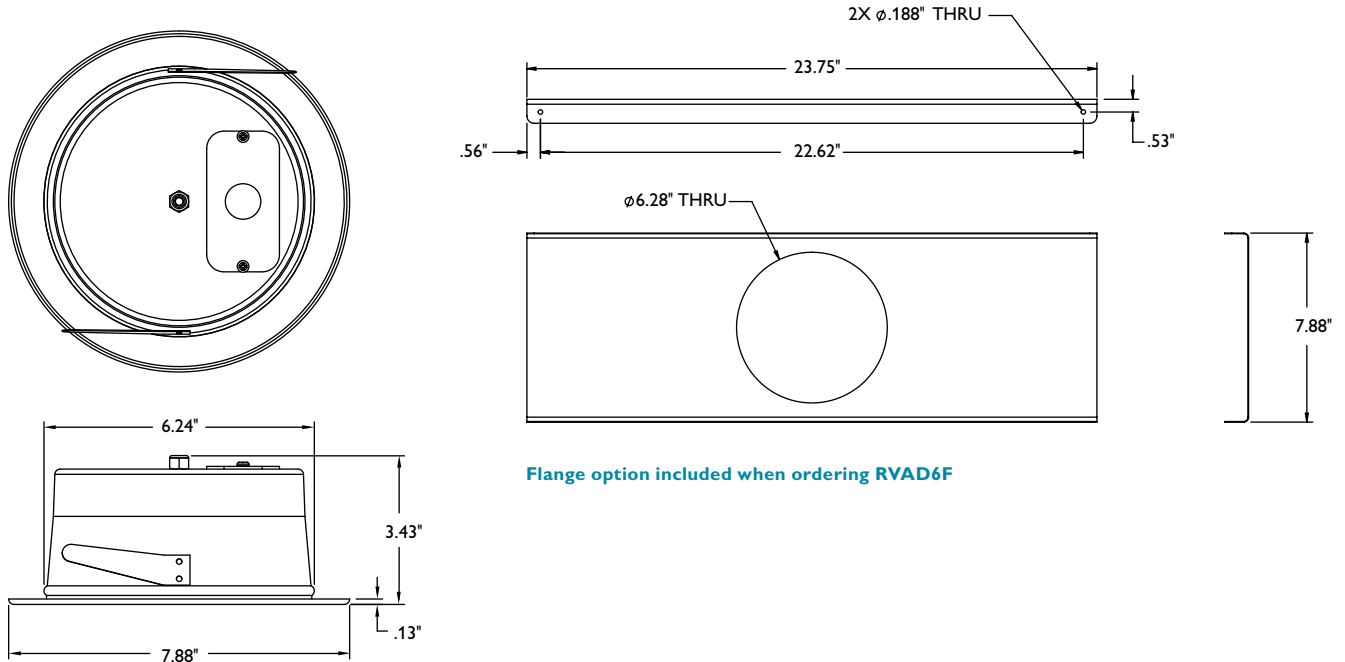
Features

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

Specifications

- **Construction:** Non-ferrous construction. Spun aluminum housing with a 1/8" translucent white PMMA acrylic lens and aluminum trim ring.
- **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 option included when ordering RVAD6F

Electrical Data

Model	RVAD6
Power (Watts)	10.6

RVAD Relaxview Ambient Recessed Downlight

3500K or 4200K

Photometrics

RelaxView RVAD 6" Downlight

LER – 52

Catalog No.	RVAD6-42	Candlepower			Light Distribution			Average Luminance					
Test No.	32124	Angle	Mean CP	Lumens	Degrees	Lumens	% Luminaire	Angle	Mean CD/SQ M				
S/MH	1.3	0	230		0-30	623	28.8	45	787796				
Lamp Type	LED	5	229	22	0-40	1014	46.9	55	737679				
Lumens/Lamp	2160	10	226		0-60	1764	81.6	65	653287				
Input Watts	10.6	15	221	62	0-90	2161	100.00	75	481878				
		20	214					85	152593				
		25	205	94									
		30	193	113									
		35	180										
		40	166	116									
		45	150										
		50	134	103									
		55	116										
		60	97	76									
		65	77										
		70	57	39									
		75	37										
		80	19	8									
		85	6										
		90	0										
Comparative yearly lighting energy cost per 1000 lumens – \$4.62 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.													
					Coefficients of Utilization (%)								
					EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)								
					80		70		50				
					pcc	70	50	30	70	50	30		
					pw	70	50	30	70	50	30		
					RCR	70	50	30	70	50	30		
					0	119	119	119	116	116	116	111	111
					1	109	105	101	107	103	99	98	95
					2	100	92	85	97	90	84	86	81
					3	91	81	73	89	79	72	76	70
					4	83	72	63	81	70	62	68	61
					5	77	64	55	75	63	55	61	54
					6	71	58	49	69	57	49	55	48
					7	66	52	44	64	52	43	50	43
					8	61	48	39	60	47	39	46	39
					9	57	44	36	56	43	36	42	35
					10	54	41	33	52	40	33	39	32

