

V2AR-L

LED Recessed Basket

1'x4', 2'x2', 2'x4'

Project: _____
 Type: _____
 Catalogue #: _____
 Drawn by: _____
 Date: _____

Low profile construction dedicated to LED is ideal for shallow plenum spaces. Specification grade. The luminaire provides smooth and uniform ambient lighting for all commercial and industrial buildings with recessed configurations. Reflected light from matte surfaces provide a softened "sky light" appearance to the modern office environment.

FEATURES AND SPECIFICATIONS

CONSTRUCTION

Housing & finishing

Housing is die-formed and embossed. Luminaire body finish is high reflectance baked white enamel with matte white reflector. Wiring knockouts are provided on the back of housing.

Mounting

Recessed inverted T-Bar ceilings. Grid mount. Comes complete with integrated earthquake clips.

Lens

Opal linear lens diffuser.

ELECTRICAL

- 120-277V or 347V electronic driver with 0-10V dimming is standard. Long-life LEDs that provide 80+ CRI are available in 3000K, 3500K, 4000K and 5000K
- Emergency back up available contact factory

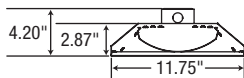
COMPLIANCES

- DLC
- CSA Standard C22.2 No.250.0-08 UL Standard 1598

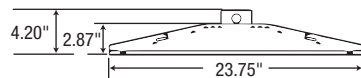


DIMENSIONS

1' x 4'



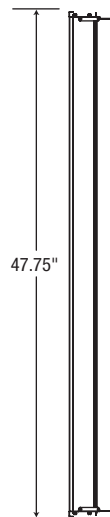
2' x 2' & 2' x 4'



2' x 2'



1' x 4' & 2' x 4'



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

OVERVIEW

Light source	LED
Wattage	26W - 67W
Lumens	3153lm - 7408lm
lm/W	103lm/W - 125lm/W
Colour temperature	3000K, 3500K, 4000K, 5000K
CRI	80 +

ORDERING GUIDE

Series	Size	Lamp type	Lumen package delivered*	Voltage	Colour temperature	Options
V2AR	1 - 1' x 4'	L - LED	A1 - 3255 lumens (26W) A2 - 4043 lumens (36W)	4 - 120V 8 - 347V	30K - 3000K 35K - 3500K	DIM2 - Line voltage dimming, driver 120V** DALI - Digital addressable lighting interface driver
	2 - 2' x 2'		A1 - 3153 lumens (26W) A2 - 3706 lumens (36W)	2 - 120-277V	40K - 4000K 50K - 5000K	
	4 - 2' x 4'		A1 - 4121 lumens (35W) A2 - 4801 lumens (42W) A3 - 5752 lumens (47W) A4 - 7408 lumens (67W)			

* Approximate lumens at 3000K. Please consult IES files for details.

** Not available for the A4 version.

ACCESSORIES (order separately)

PF-DWK-1X4	Dry wall kit for 1' x 4'
PF-DWK-2X2	Dry wall kit for 2' x 2'
PF-DWK-2X4	Dry wall kit for 2' x 4'

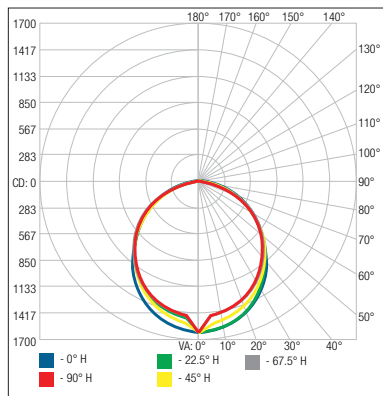
TM21 TABLE

Time (t) at which to estimate lumen maintenance (hours)	201,000
Lumen maintenance at time (t) (%)	70.02%
Calculated L70 (hours)	201,000
Reported L70 (hours)	>60,000

PHOTOMETRIC DATA

V2AR-1LA2-XX-40K • 4246.0lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1184.9	27.9%
0-40	1926.6	45.4%
0-60	3352.2	78.9%
60-90	892.4	21%
70-100	391	9.2%
90-120	1.4	0%
0-90	4244.6	100%
90-180	1.4	0%
0-180	4246.0	100%

Illuminance at a distance

Center beam fc	Beam width
1.7' = 563 fc	4.5' 4.3'
3.3' = 149 fc	8.7' 8.3'
5.0' = 65.1 fc	13.2' 12.6'
6.7' = 36.3 fc	17.7' 16.9'
8.3' = 23.6 fc	22.0' 20.9'
10.0' = 16.3 fc	26.5' 25.2'

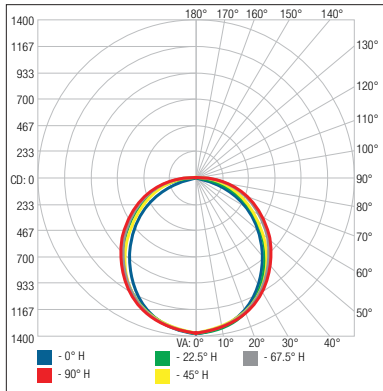
Vert. spread: 105.9°
Horiz. spread: 103.2°

Comments

PHOTOMETRIC DATA (cont'd)

V2AR-2LA2-XX-40K • 3930.8lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1060.5	27%
0-40	1725.5	43.9%
0-60	3016.3	76.7%
60-90	914.5	23.3%
70-100	433.3	11%
90-120	0	0%
0-90	3930.8	100%
90-180	0	0%
0-180	3930.8	100%

Illuminance at a distance

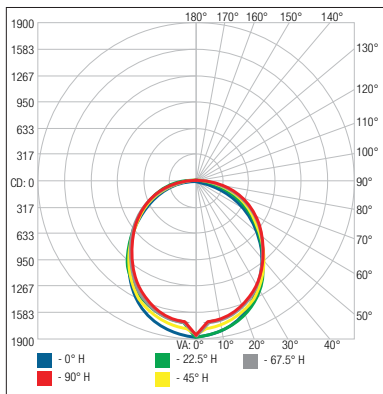
Center beam fc	Beam width
1.7'	478 fc
3.3'	127 fc
5.0'	55.3 fc
6.7'	30.8 fc
8.3'	20.1 fc
10.0'	13.8 fc

Beam width	Beam width
4.1'	5.6'
8.1'	10.8'
12.2'	16.4'
16.4'	22.0'
20.3'	27.3'
24.4'	32.8'

■ Vert. spread: 103.3°
■ Horiz. spread: 117.3°

V2AR-4LA2-XX-40K • 5111.0lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1379.2	27%
0-40	2247.4	44%
0-60	3927.3	76.8%
60-90	1182.5	23.1%
70-100	559.4	10.9%
90-120	1.1	0%
0-90	5109.9	100%
90-180	1.1	0%
0-180	5111.0	100%

Illuminance at a distance

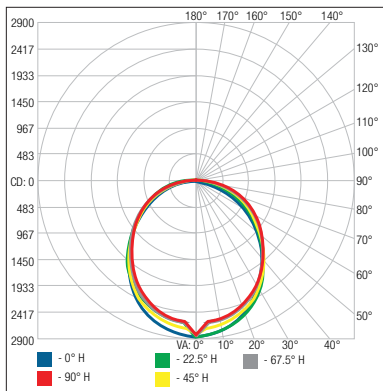
Center beam fc	Beam width
1.7'	645 fc
3.3'	171 fc
5.0'	74.5 fc
6.7'	41.5 fc
8.3'	27.0 fc
10.0'	18.6 fc

Beam width	Beam width
4.3'	4.8'
8.3'	9.3'
12.6'	14.1'
16.9'	18.9'
21.0'	23.4'
25.3'	28.2'

■ Vert. spread: 103.3°
■ Horiz. spread: 109.3°

V2AR-4LA4-XX-40K • 7896.8lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2131.0	27%
0-40	3472.4	44%
0-60	6068.0	76.8%
60-90	1827.1	23.1%
70-100	864.3	10.9%
90-120	1.7	0%
0-90	7895.1	100%
90-180	1.7	0%
0-180	7896.8	100%

Illuminance at a distance

Center beam fc	Beam width
1.7'	996 fc
3.3'	264 fc
5.0'	115 fc
6.7'	64.1 fc
8.3'	41.8 fc
10.0'	28.8 fc

Beam width	Beam width
4.3'	4.8'
8.3'	9.3'
12.6'	14.1'
16.9'	18.9'
21.0'	23.4'
25.3'	28.2'

■ Vert. spread: 103.3°
■ Horiz. spread: 109.3°

All products are subject to change or may be discontinued any time without notice.