Specification Sheet



MIZAR R1001

Integrated LED Lighting Fixture

Adjustable Asymmetrical Trim

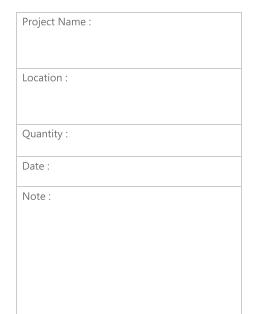
Product Description

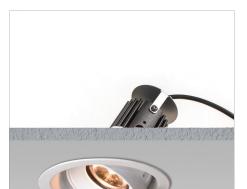
R1001 is specially designed to illuminate vertical surfaces, such as walls and shelves. The 4 step tilt and the alignment mechanisms ensure that the each fixture aims to the same direction and height, thus aligning the beam spots. The combination M2 high power light engine, the stylish die-cast trim and the reliable driver makes this recessed lighting fixture an ideal choice to meet all functional and aesthetic requirements of residential and commercial.

Order Information

Example: R1001-9-25T-VN-B-E-43OV

Model R1001	Power	C	OB	Beam Angle	
Integrated Recessed LED Engine Fixture	9 - 9W 12 - 12W	27T - 270 30T - 300 35T - 350 30C - 300 40C - 400 DW - Dir	00K, CRI>95 00K, CRI>95 00K, CRI>95 00K, CRI>90 00K, CRI>90 00K, CRI>90 m to Warm 200K-3000K	 VN - Very Narrow Spot NS - Narrow Spot SP - Spot FD - Flood WF - Wide Flood WW - Wall Wash OV - Oval Flood 	
Trim Color	Dimm	ning	Accessories		
B - Black W - White	E - ELV/Triac V - 0-10V Di		43WW - 43HC - 4	3mm. oval flood filter 43mm. wall wash filter 3mm. honey comb lovre gh-in Plate	





* 9° is available only in 9W

Features

LED Light Source:

Available in a wide range of colour temperatures with high color fidelity and gamut to bring out vivid colors.

Optics: TIR lens collimate light into precisely controlled beam shapes ranging from 13° narrow spot to 60° wide flood.

Driver:

Flicker free TRIAC or 0-10V silicon filled driver for maximum lifespan.

Heat Sink:

Cold forged engine grade pin fin aluminum heat sink provides optimal heat Management in a small package.

Specification

CCT: 2500K/2700K/3000K/3500K/4000K CRI: >90 / >95 Tilt: +30°/-20° Dimming: ELV/0-10V Dimming Total lumen output max: 1300 lm @ 12W Delivered lumen max: 937 lm @ 12W Power consumption: 9W / 12W Power factor: >0.9 Power Driver Type: Constant Current Input voltage: 120V, 60Hz Approved locations: IP20, Dry Lumen maintenance: 70% @ 60,000 Hrs THD <20% Certification: cETLus Warranty: 5 years limited warranty

Dimensions

Cut Out: 4 inch **Outer Diameter:** 4.5 inch **Ceiling Clearance Required:** 4.9 inch

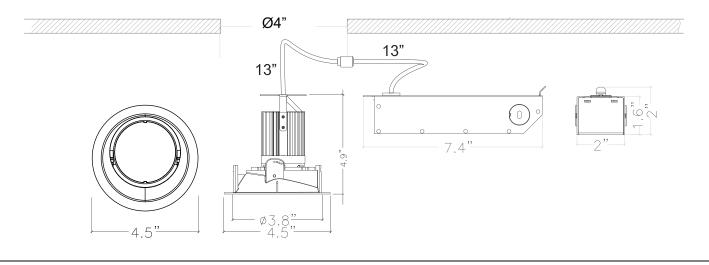




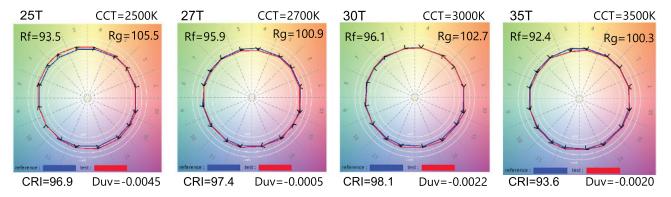
Consult website for detail: www.vyvydlighting.ca/warranty

Vyvyd Lighting Inc. | www.vyvydlighting.ca | info@vyvydlighting.ca | (905)669-3888 220 Viceroy Rd, Unit 14, Concord, Ontario, Canada, L4K 3C2

Dimensions

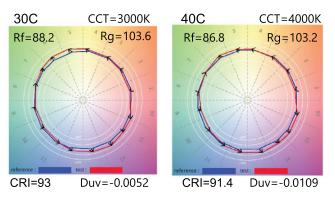


Colorimetric Data (TM30-15)



Realist Series: Full gamut light source that mimics the colour rendering property of halogen lamps.

Impressionist Series: Colour enhancing light source that renders over-saturated colours

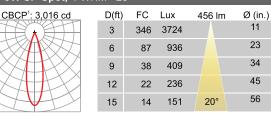


Photometric Data

9W

9W VN-Very Narrow Spot, FWHM ² = 9°								
CBCP ¹ :8,021cd	D(ft)	FC	Lux	447 lm	Ø (in.)			
	3	920	9902		6			
	6	230	2475		11			
	9	102	1098		17			
	12	57	613		23			
	15	36	388	9°	28			

9W SP-Spot, FWHM²=20°



9W WF-Wide Floo	d, FW	HM ² =	56°		
CBCP ¹ : 514cd	D(ft)	FC	Lux	461 lm	Ø (in.)
	3	59	635		38
	6	15	161		75
	9	7	75		112
	12	4	43		150
	15	2	22	56°	187

12W

12W NS- Narrow Spot, FWHM ² =13°								
CBCP ¹ : 6,234cd	D(ft)	FC	Lux	798 lm	Ø (in.)			
	3	715	7696		8			
	6	179	1927		16			
	9	79	850		24			
	12	45	484		32			
	15	29	312	13°	40			
12W FD-Flood, F	VHM ² =	43°						
CBCP ¹ :1,360cd	D(ft)	FC	Lux	885 lm	Ø (in.)			
	3	156	1679		28			
	6	39	419		57			
	9	17	183	7	85			
	12	10	108		113			

¹ CBCP: Centre Beam Candlepower

² FWHM: Full Width Half Maxium Angle

Data shown is measured for 30C light source. Multiply CBCP, FC and Lux by the following adjustment factors for other light sources

Light Source						
Adjustment factors	0.88	0.92	0.98	1.02	1.00	1.05

9W NS-Narrow Spot, FWHM ² =13°									
CBCP ¹ : 4,673cd	D(ft)	FC	Lux	544 lm	ı Ø (in.)				
	3	536	5769		8				
	6	134	1442		16				
	9	60	645		24				
	12	34	366		32				
	15	21	226	13°	40				

9W FD-Flood, FWHM²=43°

CBCP ¹ : 1,020cd	D(ft)	FC Lux	495 lm	Ø (in.)
	3	117 1259		28
	6	29 312		57
	9	12 129		85
	12	7 75		113
	15	5 86	43°	141

12W SP- Spot, FV	VHM ² =2	20°						
CBCP ¹ : 4,028cd	D(ft)	FC	Lux	937 lm	Ø (in.)			
	3	462	4973		11			
	6	116	1289		23			
	9	51	549		34			
	12	29	312		45			
	15	18	193	20°	56			
12W WF-Wide Flood, FWHM ² =56°								
CBCP ¹ : 680cd	D(ft)	FC	Lux	687 lm	Ø (in.)			
	3	78	840		38			
	6	20	215		75			
	9	9	97		112			
	12	5	54	7	150			

15

3

32

187

56°

Vyvyd Lighting Inc.

info@vyvydlighting.ca Concord, Ontario, (905)669-3888 Canada, L4K 3C2

www.vyvydlighting.ca 220 Viceroy Rd, Unit 14 Canada, L4K 3C2

@2023 Vyvyd Lighting Inc. All rights reserved. This document may be subject to change. No representation or warranty as to the accuracy or completeness of the information included herein is given any liability for any action in reliance thereon is disclaimed.

All trademarks are owned by Vyvyd Lighting Inc. and their respective owners.