Specification Sheet



MIZAR R511

Integrated LED Lighting Fixture

Fixed Square Hyperbolic Trim

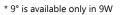
Product Description

R511 thin flange trim recessed LED lighting fixture blends unobtrusively into the ceiling and minimizes glare. It offers the mud-in look without the mud-in installation cost. 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 applications.

Order Information

Example: R511-9-25T-VN-B-E-43HC

Model R511	Power		СОВ	Beam Angle	
Integrated Recessed LED Engine Fixture	9 - 9W 12 - 12W	25T - 2500K, CRI>95 27T - 2700K, CRI>95 30T - 3000K, CRI>95 35T - 3500K, CRI>95 30C - 3000K, CRI>90 40C - 4000K, CRI>90 DW - Dim to Warm 2200K-3000K		VN - Very Narrow Spot NS - Narrow Spot SP - Spot FD - Flood WF - Wide Flood	
Trim Color	Dimmin	g	Accessories		
B - Black W - White	E - ELV/Triac D V - 0-10V Dimi		43HC - 43m RP - Rough	nm. honeycomb louvre -in Plate	



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: None, Fixed 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

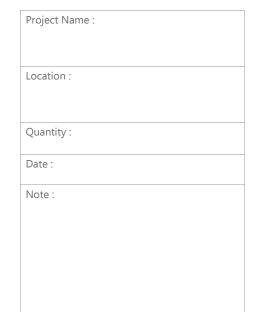
Dimensions

Cut Out: 3 inch Outer Diameter: 2.7 inch Ceiling Clearance Required: 4.6 inch

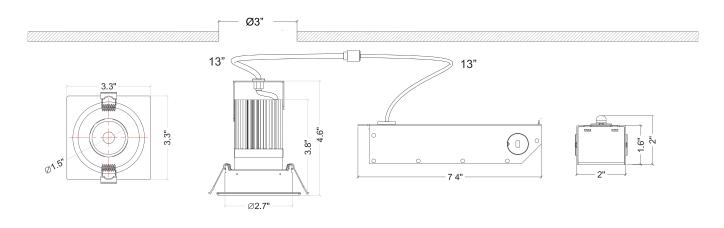




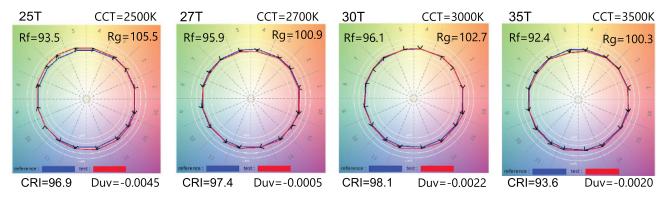
Consult website for detail: www.vyvydlighting.ca/warranty



Dimensions

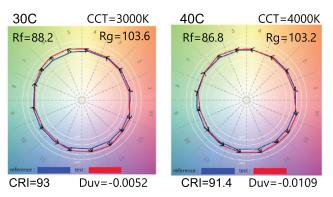


Colorimetric Data (TM30-15)



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

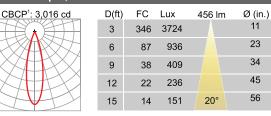


Photometric Data

9W

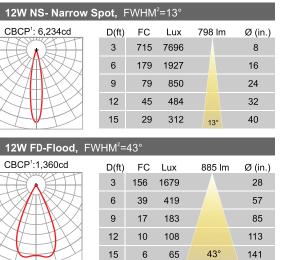
9W VN-Very Narrow Spot, FWHM ² = 9°								
CBCP ¹ :8,021cd	D(ft)	FC	Lux	447 lm	Ø (in.)			
	3	920	9902		6			
	6	230	2475		11			
	9	102	1098		17			
	12	57	613		23			
	15	36	388	9°	28			

9W SP-Spot, FWHM²=20°



9W WF-Wide Floor	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



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	25C	27T	30T	35T	30C	40C
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 In	n 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	/	150			

15

3

32

56°

187

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