



MIZAR R909

Integrated LED Lighting Fixture
Adjustable Square Hyperbolic Trim

Product Description

R909 offers a square trim with an hyperbolic rim. The unique design is suitable for contemporary style interiors, adding a distinguishably modern appeal to the ceiling. The combination M2 high power light engine 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: R909-9-25T-VN-B-E-43HC

Model R909	Power	COB	Beam Angle
Integrated Recessed LED Engine Fixture	9 - 9W 12 - 12W	25T - 2500K, CRI>95 27T - 2700K, CRI>95 30T - 3000K, CRI>95 30C - 3000K, CRI>90 35C - 3500K, 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	Dimming	Accessories	
B - Black W - White	E - ELV/Triac Dimming V - 0-10V Dimming	43HC - 43mm. honeycomb louvre RP - Rough-in Plate	

* 9° is available only in 9W

Project Name :
Location :
Quantity :
Date :
Note :



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: ±15°

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: 3¾ inch

Outer Diameter: 4.3 inch

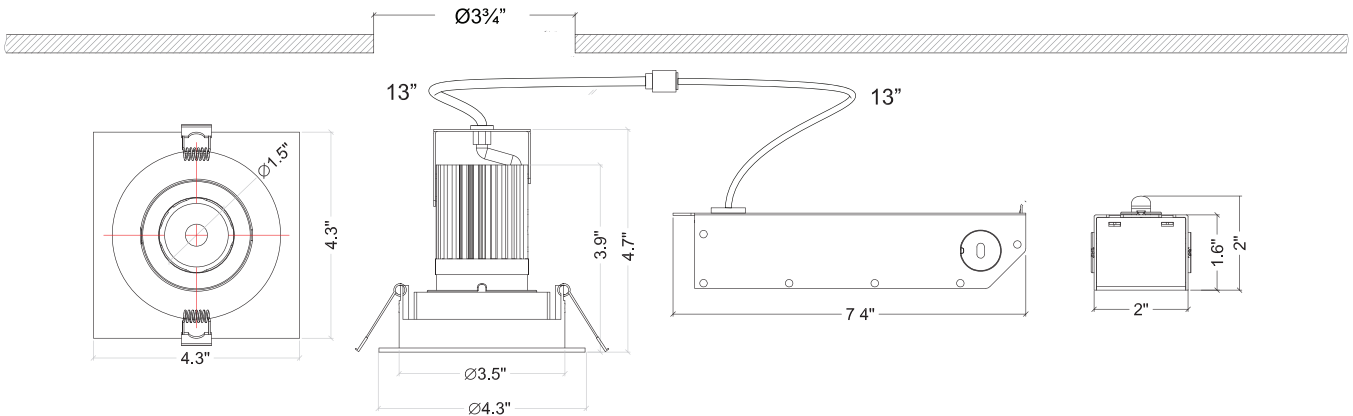
Ceiling Clearance Required: 4.7 inch



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

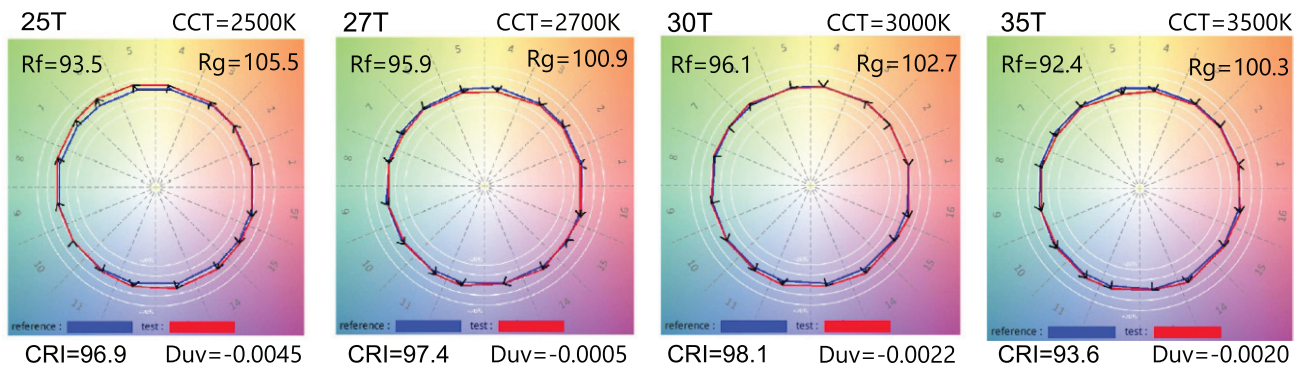
R909 Integrated LED Recessed Light

Dimensions

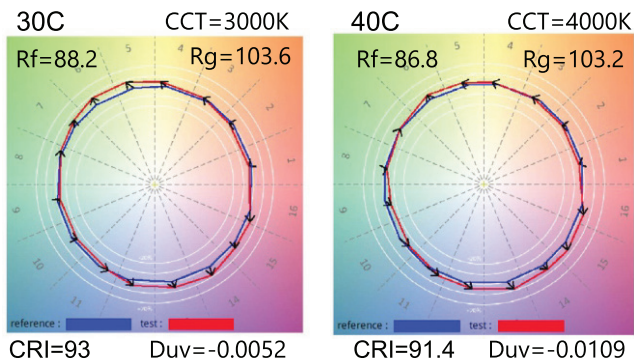


Colorimetric Data (TM30-15)

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

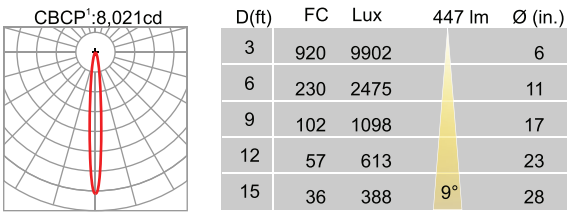


R909 Integrated LED Recessed Light

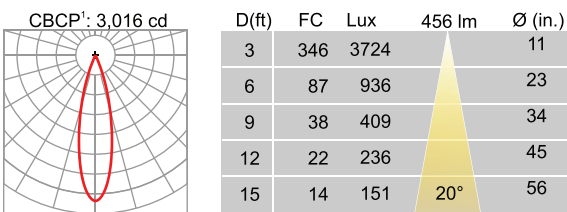
Photometric Data

9W

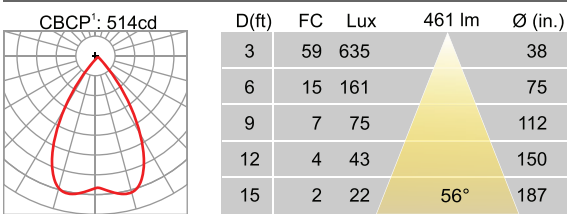
9W VN-Very Narrow Spot, FWHM²=9°



9W SP-Spot, FWHM²=20°

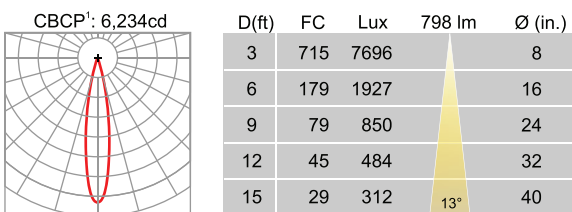


9W WF-Wide Flood, FWHM²=56°

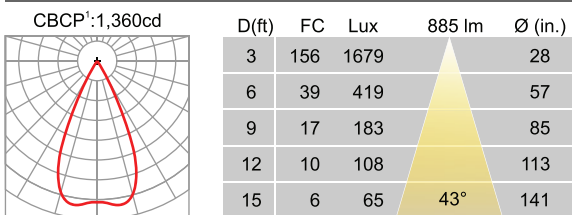


12W

12W NS- Narrow Spot, FWHM²=13°



12W FD-Flood, FWHM²=43°



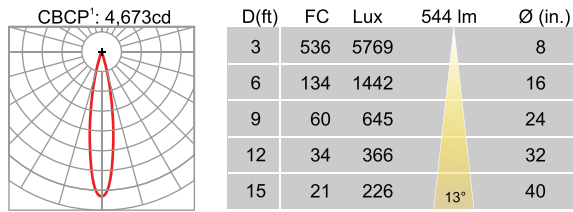
¹ CBCP: Centre Beam Candlepower

² FWHM: Full Width Half Maxium Angle

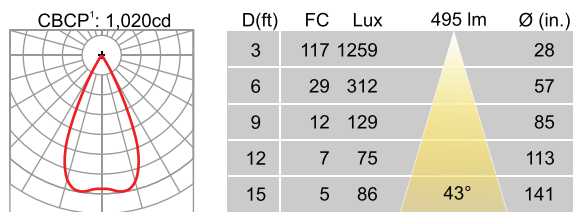
Data shown is measured for 30C light source. Multiply CBCP, FC and Lux by the following adjustment factors for other light sources

Light Source	25C	27T	30T	35T	30C	40C
Adjustment factors	0.88	0.92	0.98	1.02	1.00	1.05

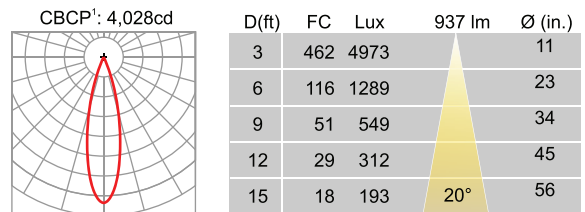
9W NS-Narrow Spot, FWHM²=13°



9W FD-Flood, FWHM²=43°



12W SP- Spot, FWHM²=20°



12W WF-Wide Flood, FWHM²=56°

