

RUYI Pro - Adjustable
RGBW
WL-ADJ

Fixture Type:

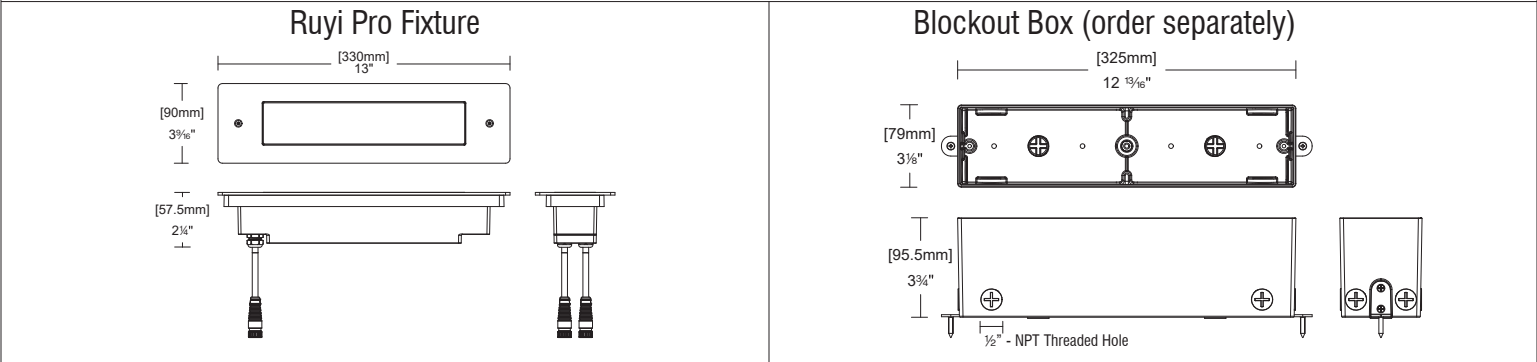
Project:

Catalog#:

Location:



LINE DRAWING



PRODUCT DESCRIPTION

The RUYI Pro is a compact architectural LED fixture designed to highlight building facades and window frames. Its durable die-cast aluminum housing with high-temperature powder coating and ratings of IP68 and IK09 ensures reliable performance in outdoor environments. The fixture features an adjustable beam angle, allowing precise illumination across bay windows or façade details. A high-transmittance lens delivers efficient, evenly distributed lighting for modern architectural applications.

SPECIFICATIONS

Construction:	Durable die-cast aluminum body
Mounting:	Outdoor installation
Light Source:	High output 3-step Mac Adam Ellipse Rated life of 50,000 hours at L70
Input:	24 VDC
Power:	19W
Dimming:	On/Off, 0-10V, DMX512-A
Maximum Delivered Intensity:	Up to 550 cd (13°, 3000K)
Maximum Delivered Output:	Up to 255 lm (13°, 3000K)
Operating Temperature:	-4°F to 122°F (-20°C to 50°C)
Standards:	UL & cUL Wet location listed, IP68, IK09
Warranty:	5 year WAC Lighting guaranteed warranty

Model	Beam	Lumens Ref Output*	CBCP	Efficacy (lm/W)	Color Temp
WL-ADJ	Adj 7-13°	255	550	13	830-3000K

*Lumens and CBCP are reference values for 3000K Color Temperature. Refer to Multiplier Table in Performance Data to determine other outputs.



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ORDERING INFORMATION

CONFIGURATION TABLE		
Model	Color Temperature & CRI	Housing Finish
WL-ADJ	RGBW830D - 3000K - 85	BK - BLACK WT - WHITE SS - STAINLESS

WL-ADJ-RGBW830D-____
Example: WL-ADJ-RGBW830D-BK

Power Supplies	Power	Dimming Range
DMX512-A and 0-10V PS-OD24-U100R-DL	96W	10 - 100%

ACCESSORIES	
WL-RBOX-BK	Window Light Block Out Box - Black
WL-LW01-BK	Window Light Lead In Cable - 1ft
WL-LW05-BK	Window Light Lead In Cable - 5ft
WL-LW10-BK	Window Light Lead In Cable - 10ft
WL-LW20-BK	Window Light Lead In Cable - 20ft
WL-LW25-BK	Window Light Lead In Cable - 25ft
WL-JC01-BK	Window Light Jumper Cable - 1ft
WL-JC05-BK	Window Light Jumper Cable - 5ft
WL-JC10-BK	Window Light Jumper Cable - 10ft
WL-JC20-BK	Window Light Jumper Cable - 20ft
WL-JC25-BK	Window Light Jumper Cable - 25ft
WL-JCY01-BK	Window Light 3 Way Jumper Cable - 1ft
WL-JCY05-BK	Window Light 3 Way Jumper Cable - 5ft
WL-JCY10-BK	Window Light 3 Way Jumper Cable - 10ft
WL-JCY20-BK	Window Light 3 Way Jumper Cable - 20ft
WL-JCY25-BK	Window Light 3 Way Jumper Cable - 25ft
WL-JC-ENDCAP-BK	Window Light Cable End Cap

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FEATURES

Optics: • High transmittance lens allows for powerful illumination of building facades, windows, and other outdoor applications	Construction: • Suitable for outdoor applications with ratings of IP68 and IK09 • Fixture body is die-cast aluminum • Trim cover plate is made of 316 stainless steel
LED: • High output LED with a 3-step Mac Adam ellipse • Rated operational life of 50,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 50,000 hours of use.)	Trim and Reflector: • Beam angle is adjustable from 7° to 13°
Electrical: • Input power is 24 VDC • Available in a 19W power level	Installation: • Able to be surface mounted or recessed depending on application
Dimming: • DMX512-A controls are integrated for full RGBW tuning	Warranty: • WAC Architectural limited warranty up to 5 years • Full warranty found at: waclighting.com/warranty
Notes: • The Black and White finish is electrostatically powder coated	

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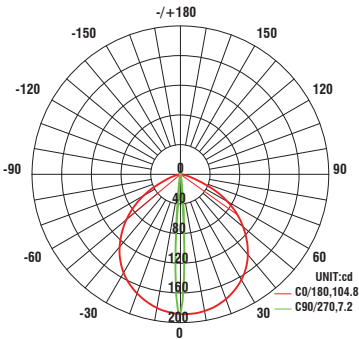
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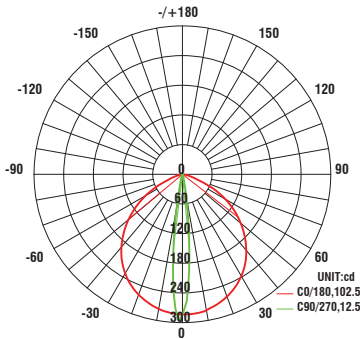
PERFORMANCE DATA

Polar Candela Distribution Charts
Samples shown from a fixture set to 3000K.

Adjustable Beam - Spot



Adjustable Beam - Narrow Flood



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PERFORMANCE DATA

Unified Glare Rating (UGR) Table

Samples shown from an Adjustable fixture set to 3000K.

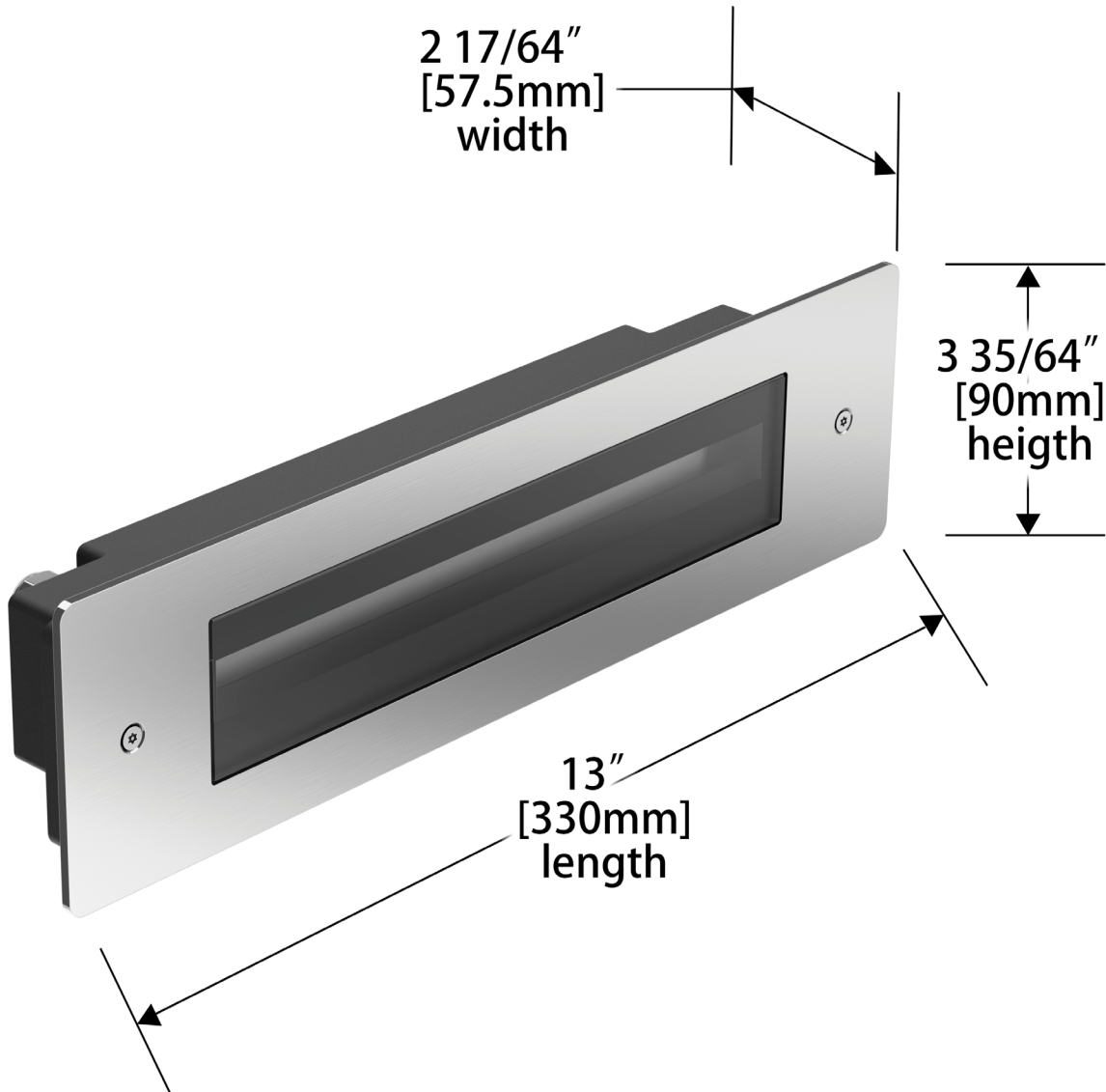
Fixture	Angle	UGR Range
Adjustable	7°	≤28
Adjustable	13°	≤29

Lumens and CBCP Multiplier Table

Use the below table to determine lumens and CBCP values for the combinations of power, color temperature, and CRI values.

Color Temperature				
2700K	3000K	3500K	4000K	5000K
0.96	1.00	1.02	1.07	1.12

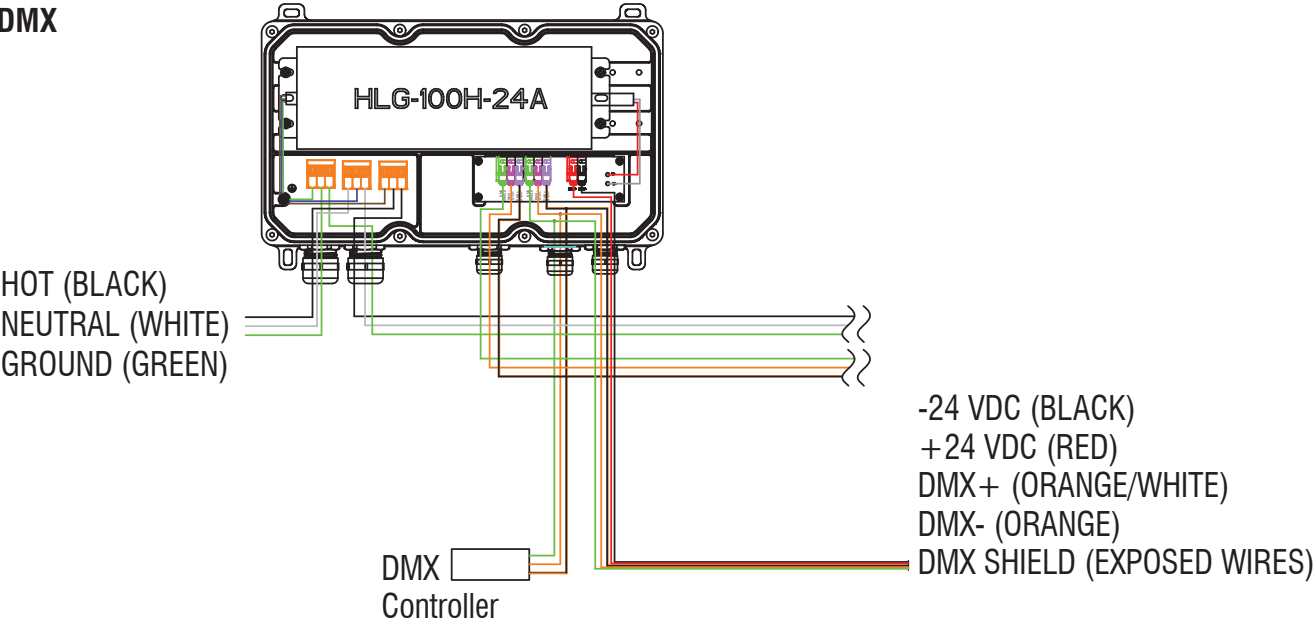
DIMENSIONAL DIAGRAMS



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WIRING DIAGRAMS

DIMMING: DMX



DIMMING: 0-10V

