

FQ Dim-To-Warm

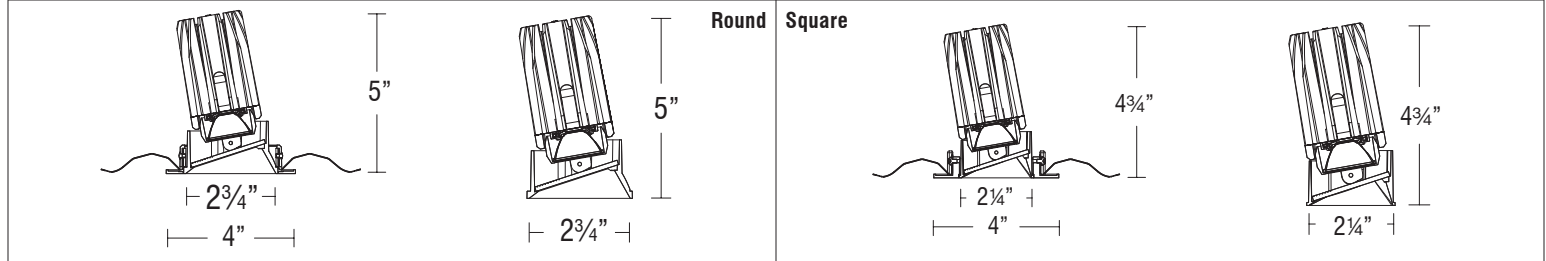
2" Wall Wash

R2FRWT | R2FRWL | R2FSWT | R2FSWL

Fixture Type: _____
 Project: _____
 Catalog#: _____
 Location: _____



LINE DRAWING



PRODUCT DESCRIPTION

The FQ Recessed series offers a complete line of high performance LED luminaires that provide outstanding functionality and quality. The FQ series features superlative glare control with 30° shielding, 35° vertical tilting, and uniform floor-to-ceiling wall washing. Multiple power level options and a full line of round and square, trimmed and trimless luminaires offer versatile solutions for various lighting applications. Easy to order, install, and service.

SPECIFICATIONS

Construction:	Durable die-cast aluminum construction
Mounting:	Heavy gauge retention clips support trim firmly Ceiling cut out (Round): Trim $\varnothing 3\frac{1}{2}"$ Trimless $\varnothing 3\frac{1}{2}"$ Ceiling cut out (Square): Trim $3\frac{1}{2}" \times 3\frac{1}{2}"$ Trimless $3\frac{1}{2}" \times 3\frac{1}{2}"$ Accommodates 1/2" - 1" ceiling thickness
Light Source:	High output 3-step Mac Adam Ellipse COB Rated life of 50,000 hours at L70
Input:	Universal 120-277V AC, 50/60 Hz
Dimming:	ELV, TRIAC, 0-10V: 100 - 1%
Maximum Delivered Output:	Up to 710 lm (Round Asymmetric)
Operating Temperature:	-4°F to 104°F (-20°C to 40°C)
Standards:	ETL & cETL Damp location listed, Title 24 JA8 Compliant
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



FINISHES



Model	Beam	Lumens	CBCP Ref Output*
R2FRWT Round Trim	A Asym	Round	710
R2FRWL Round Trimless			
R2FSWT Square Trim	Square	Square	675
R2FSWL Square Trimless			

*Lumens and CBCP are reference values for a trim fixture set to 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	Reflector Finish
R2FRWT	WD - 3000K-1800K - 90	BK - BLACK
R2FRWL		DB - DARK BRONZE
R2FSWT		HZ - HAZE
R2FSWL		HZWT - HAZE/WHITE
		WT - WHITE

R2F ___ -WD- ___

Example: R2FRWT-WD-WT

ORDERING NOTES

1. The "Haze/White" finish is only available on trimmed fixtures (R2FRWT, R2FSWT).
2. The "Haze" finish is only available on trimless fixtures (R2FRWL, R2FSWL).

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ORDERING INFORMATION

HOUSINGS				
	Model	Power		Emergency Backup
New Construction Airtight - Round & Square Trim	R2FBNT	1	15W IC	EM <i>Optional</i>
New Construction Frame-In - Round & Square Trim	R2FBFT	1	15W Non-IC	EM <i>Optional</i>
Remodel - Round & Square Trim	R2FBRT	1	15W Non-IC	N/A
New Construction IC Airtight - Round Trimless	R2FRNL	1	15W IC	N/A
New Construction IC Airtight - Square Trimless	R2FSNL	1	15W IC	N/A
Remodel - Round Trimless	R2FRRL	1	15W Non-IC	N/A
Remodel - Square Trimless	R2FSRL	1	15W Non-IC	N/A
Remodel - Round & Square Trim	R2FBR2T	1	15W IC	N/A

R2F__-__
 Example: R2FBNT-1

Millwork Housings	Size	Power	
New Construction R2FRNM	A 0.8"	1	15W IC
	B 1.5"		
New Construction R2FSNM	A 0.8"	1	15W IC
	B 1.5"		

R2F__-__-1
 Example: R2FRNM-A-1

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FEATURES

<p>Optics:</p> <ul style="list-style-type: none"> • High lumen output across the full Dim-to-Warm range • Powerful glare control due to the fixtures 30° shielding angle, 35° vertical tilting, and 360° horizontal rotation 	<p>Construction:</p> <ul style="list-style-type: none"> • Two piece die-cast aluminum constructed body and trim
<p>LED:</p> <ul style="list-style-type: none"> • High output COB 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.) 	<p>Trim and Reflector:</p> <ul style="list-style-type: none"> • Available in a wall wash (asymmetric) beam angle for even wall illumination both vertically and horizontally
<p>Electrical:</p> <ul style="list-style-type: none"> • Input power is universal 120-277VAC and 50/60 Hz • Available in 15W, 21W, and 25W power levels 	<p>Installation:</p> <ul style="list-style-type: none"> • Light engine is mounted onto the trim using springs that allow for easy replacement • Heavy gauge retention clips firmly support the trim within the housing
<p>Dimming:</p> <ul style="list-style-type: none"> • Electronic Low Voltage (ELV), TRIAC, and 0-10V dimming are available • ELV, TRIAC, and 0-10V are all capable of a range of 100 - 1% 	<p>Warranty:</p> <ul style="list-style-type: none"> • WAC Architectural limited warranty up to 5 years • Full warranty found at: wacighting.com/warranty
<p>Notes:</p> <ul style="list-style-type: none"> • The White, Black, and Dark Bronze finishes are all electrostatically powder coated • The Haze finish is enamel coated 	

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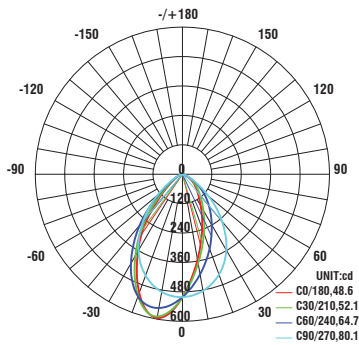
PERFORMANCE DATA

Polar Candela Distribution Charts

Samples shown with a fixture set to 3000K and 90 CRI.

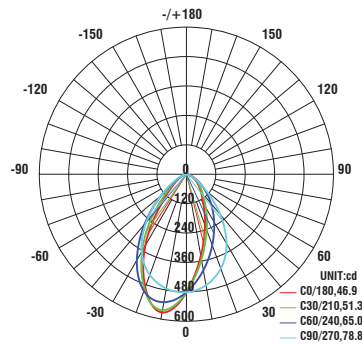
ROUND

Asymmetric Beam



SQUARE

Asymmetric Beam



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PERFORMANCE DATA

Unified Glare Rating (UGR) Table

UGR values shown are calculated at 3000K and 90 CRI.

Round Fixture	Angle	UGR Range
Asymmetric	-	≤ 20

Square Fixture	Angle	UGR Range
Asymmetric	-	≤ 20

DIMENSIONAL DIAGRAMS

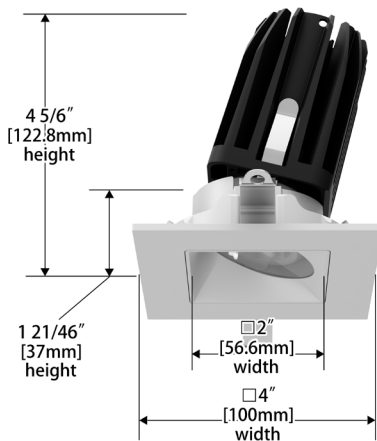
Round Trim (R2FRWT)



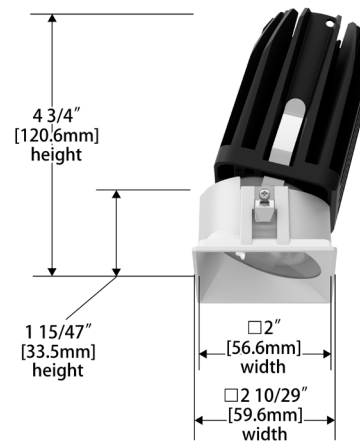
Round Trimless (R2FRWL)



Square Trim (R2FSWT)



Square Trimless (R2FSWL)



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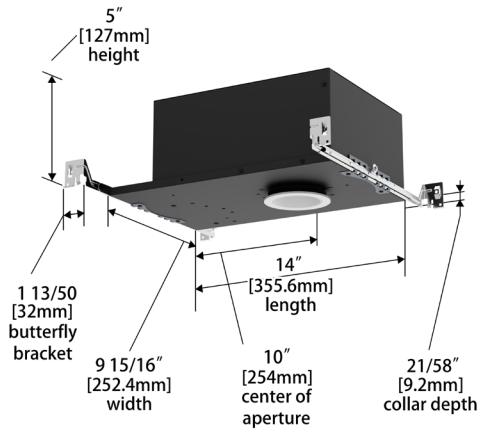
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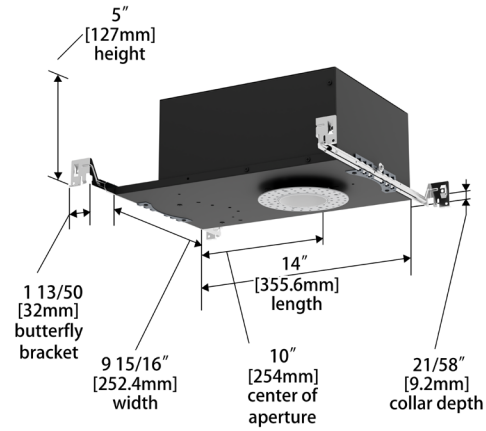
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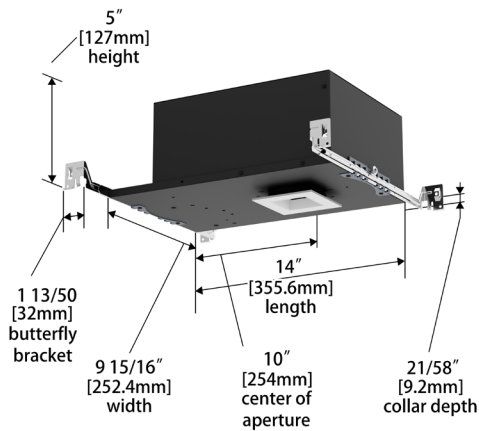
New Construction - Round Trim



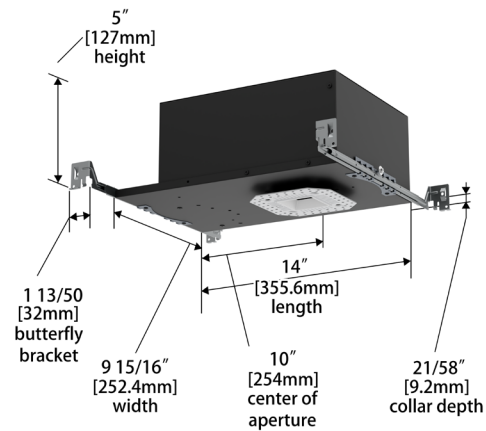
New Construction - Round Trimless



New Construction - Square Trim



New Construction - Square Trimless



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WIRING DIAGRAMS

