

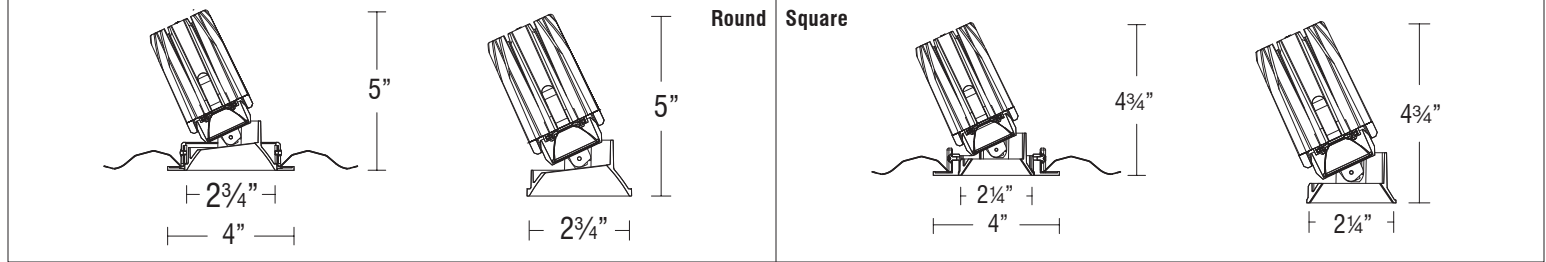
FQ Dim-To-Warm 2" Adjustable

R2FRAT | R2FRAL | R2FSAT | R2FSAL

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 1/2" \bigcirc
Trimless \varnothing 3 1/2" \bigcirc
Ceiling cut out (Square): Trim 3 1/2" x 3 1/2" \square
Trimless 3 1/2" x 3 1/2" \square
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 Intensity: Up to 1,575 cd (Square Flood 40°)

Maximum Delivered Output: Up to 865 lm (Square Flood 40°)

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



F - 40°



W - 55°

FINISHES



Black
BK



Dark Bronze
DB



Haze
HZ



White
WT



Haze White
HZWT

Model	Beam	Lumens Ref Output*	CBCP
R2FRAT Round Trim	F 40°	Round 855	1560
R2FRAL Round Trimless		Square 865	1575
R2FSAT Square Trim	W 55°	Round 845	1155
R2FSAL Square Trimless		Square 835	1145

*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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PERFORMANCE DATA

Unified Glare Rating (UGR) Table

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

Round Fixture	Angle	UGR Range
Flood	40°	≤12
Wide Flood	55°	≤13

Square Fixture	Angle	UGR Range
Flood	40°	≤10
Wide Flood	55°	≤12

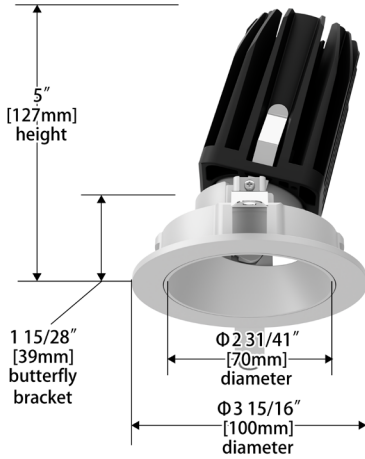
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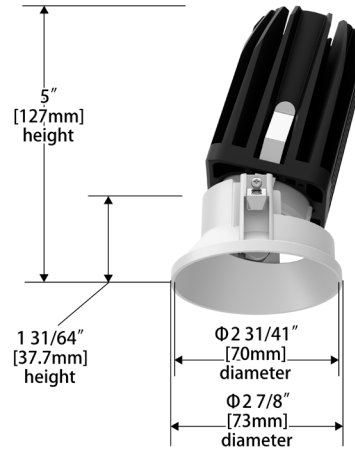
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DIMENSIONAL DIAGRAMS

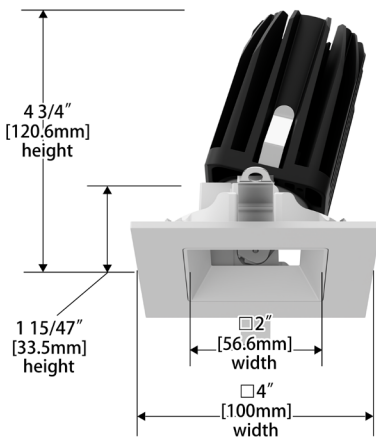
Round Trim (R2FRAT)



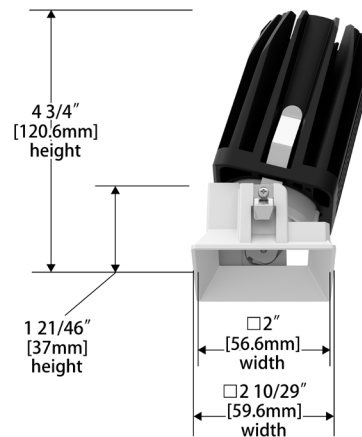
Round Trimless (R2FRAL)



Square Trim (R2FSAT)



Square Trimless (R2FSAL)



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Fixture Type: _____

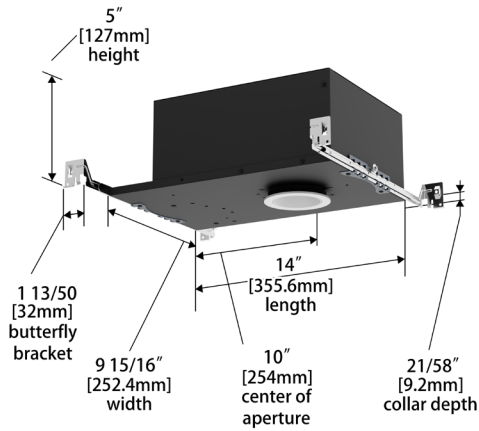
Project: _____

Catalog#: _____

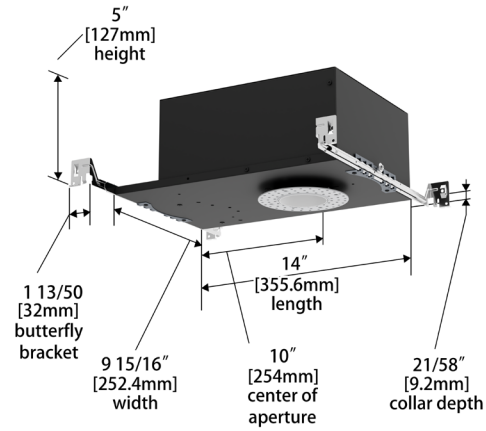
Location: _____

DIMENSIONAL DIAGRAMS

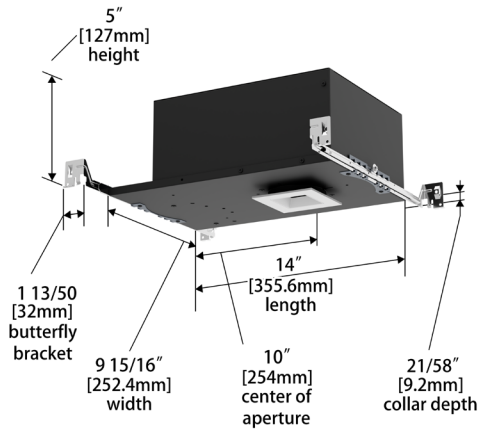
New Construction - Round Trim



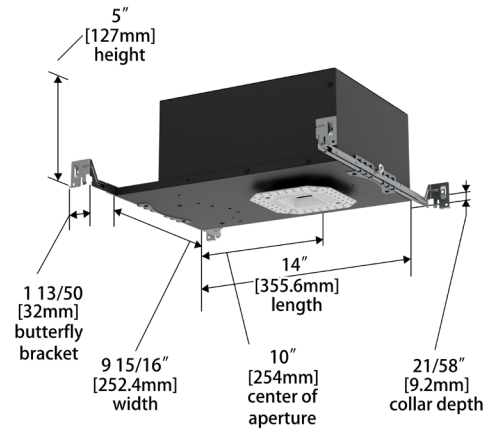
New Construction - Round Trimless



New Construction - Square Trim



New Construction - Square Trimless



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ORDERING INFORMATION

CONFIGURATION TABLE		
Model	Color Temperature & CRI	Reflector Finish
R2FRAT	WD - 3000K-1800K - 90	BK - BLACK
R2FRAL		DB - DARK BRONZE
R2FSAT		HZ - HAZE
R2FSAL		HZWT - HAZE/WHITE
		WT - WHITE

R2FRAT-WD-__

Example: R2FRAT-WD-WT

ORDERING NOTES
1. The "Haze/White" finish is only available on trimmed fixtures (R2FRAT, R2FSAT).
2. The "Haze" finish is only available on trimless fixtures (R2FRAL, R2FSAL).
3. Both reflector options (F-40° and W-55°) are included.

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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"> • Reflectors with beam angles of 25°, 40°, and 55° are all included and swappable
<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: waclighting.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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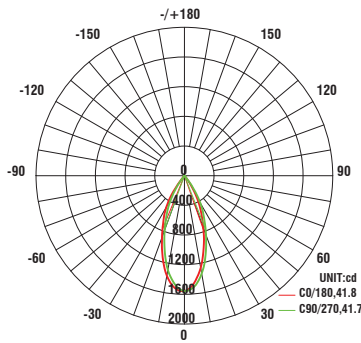
PERFORMANCE DATA

Polar Candela Distribution Charts

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

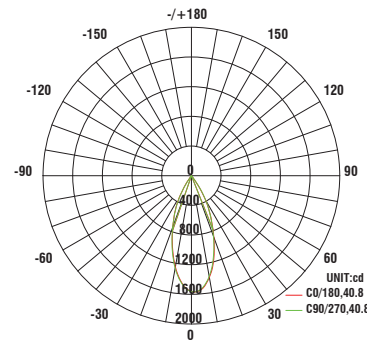
ROUND

Flood Beam: 40° Beam

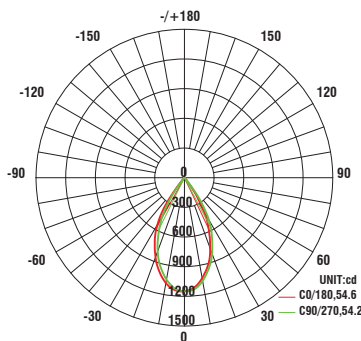


SQUARE

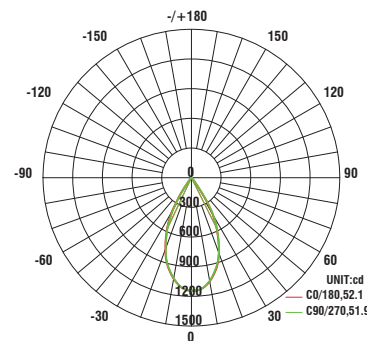
Flood Beam: 40° Beam



Wide Flood Beam: 55° Beam



Wide Flood Beam: 55° Beam



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WIRING DIAGRAMS

