

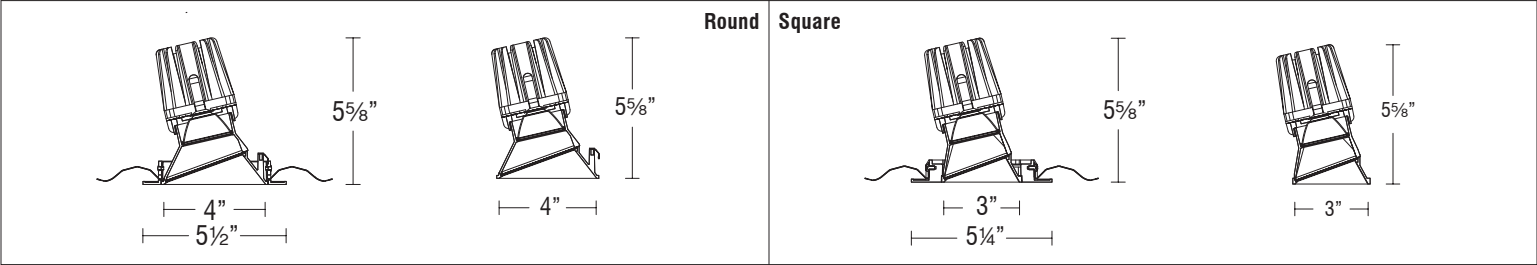
FQ Tunable White
4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

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



LINE DRAWING



PRODUCT DESCRIPTION

FQ (Function + Quality) Experience simplicity and versatility with FQ 4" recessed luminaires. The fixtures merge modern design with world-class performance to achieve the ultimate in function and flexibility. Enjoy the benefits of two fixtures in one with Tunable White 1800-4000K and Dim-to-Warm 3000K-1800K features built into each luminaire, allowing you to customize the best light to illuminate dining areas, great rooms, primary bedrooms, kitchens, and baths on the fly. Deep regressed light sources deliver a glare-free, quiet ceiling aesthetic for a clean architectural look while providing a robust output from a diminutive source.

SPECIFICATIONS

Construction:	Durable die-cast self flanged aluminum construction
Mounting:	Heavy gauge retention clips support trim firmly Ceiling cut out: Trim Ø 4 3/4" Ø [○] Trimless Ø 4 3/4" Ø [○] 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:	2CH 0-10V, DMX512-A: 100-0.1%
Maximum Delivered Output:	Up to 1,367 lm (Round Asymmetric, 26W, 4000K, CRI 90)
Operating Temperature:	-4°F to 104°F (-20°C to 40°C)
Standards:	ETL & cETL Wet location listed, Title 24 JA8 Compliant
Warranty:	5 year WAC Lighting guaranteed warranty

BEAM ANGLES



FINISHES



Model	Beam	Lumens Ref Output*	CBCP	Color Temp	CRI
R4FRWT Round Trim R4FRWL Round Trimless R4FSWT Square Trim R4FSWL Square Trimless	A Asym Round Square	1210 1080	N/A N/A	TW 1800K-4000K	90

Lumens and CBCP are reference values for a trim fixture with 3 housing 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
R4FRWT	TWA - 1800K-4000K	BK - BLACK
R4FRWL		DB - DARK BRONZE
R4FSWT		HZ - HAZE
R4FSWL		HZWT - HAZE/WHITE
		WT - WHITE

R4FRWT-TWA-__

Example: R4FRWT-TWA-WT

ORDERING NOTES	
1.	The “Haze/White” finish is only available on trimmed fixtures (R4FRWT, R4FSWT).
2.	The “Haze” finish is only available on trimless fixtures (R4FRWL, R4FSWL)

Housings	Model	Control Options	Power
New Construction IC Airtight - Round & Square Trim	R4FBNT-TW	X DMX512-A Z 0-10V	1 14W IC 2 19W IC 3 26W IC
New Construction IC Airtight - Round Trimless	R4FRNL-TW	X DMX512-A Z 0-10V	1 14W IC 2 19W IC 3 26W IC
New Construction IC Airtight - Square Trimless	R4FSNL-TW	X DMX512-A Z 0-10V	1 14W IC 2 19W IC 3 26W IC
Remodel Non-IC Round Trimless	R4FRRL-TW	X DMX512-A Z 0-10V	1 13W Non-IC 2 19W Non-IC 3 25W Non-IC
Remodel Non-IC Square Trimless	R4FSRL-TW	X DMX512-A Z 0-10V	1 13W Non-IC 2 19W Non-IC 3 25W Non-IC
Remodel IC Round & Square Trim	R4FBR2T-TW	X DMX512-A Z 0-10V	1 14W IC
Remodel Non-IC Round & Square Trim	R4FBRT-TW	X DMX512-A Z 0-10V	1 14W Non-IC 2 19W Non-IC 3 26W Non-IC

ACCESSORIES	
LENS-16-HCM	Honeycomb Louver
LENS-16P-CRL-BK	Cross Louver
LENS-16AMB	Amber Lens
LENS-16RED	Red Lens
LENS-16BLU	Blue Lens
LENS-16GRN	Green Lens
LENS-16SPR	Spread Lens
LENS-16BEL	Beam Elongating Lens

R4F__-TW_-__

Example: R4FBNT-TWX-2

FQ Tunable White
4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type:

Project:

Catalog#:

Location:

FEATURES

Optics: • High lumen output across the full Tunable White CCT range of 1800K - 4000K • Powerful glare control due to the fixtures 30° shielding angle, 45° vertical tilting, and 360° horizontal rotation	Construction: • Two piece die-cast aluminum constructed body and trim
LED: • 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.)	Trim and Reflector: • Available in a wall wash (asymmetric) beam angle for even wall illumination both vertically and horizontally
Electrical: • Input power is universal 120-277VAC and 50/60 Hz • Available in 14W, 19W, and 26W power levels	Installation: • 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
Dimming: • DMX512-A and 2 Channel 0-10V dimming are available • DMX512-A and 2 Channel 0-10V dimming are both capable of a range of 100 - 0.1%	Warranty: • WAC Architectural limited warranty up to 5 years • Full warranty found at: waclighting.com/warranty
Notes: • The White, Black, and Dark Bronze finishes are all electrostatically powder coated • The Haze finish is enamel coated	

FQ Tunable White
4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

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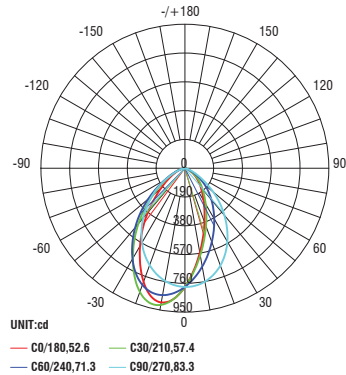
PERFORMANCE DATA

Polar Candela Distribution Charts

Samples shown from a trim fixture with 3 housing set to 3000K.

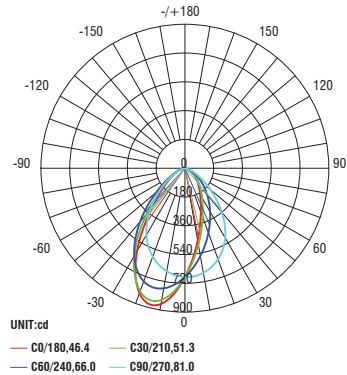
ROUND

Asymmetric Beam



SQUARE

Asymmetric Beam



FQ Tunable White
4” Wall Wash

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Fixture Type:

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Location:

PERFORMANCE DATA

Unified Glare Rating (UGR) Table

General performance of fixtures at 3000K and 90 CRI.

Round Fixture	Angle	UGR Range	Square Fixture	Angle	UGR Range
Asymmetric	-	≤28	Asymmetric	-	≤26

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.

Lumens & CBCP Multiplier		Color Temperature					
TWA (1800K - 4000K)	Housing Power Level	1800K	2200K	2700K	3000K	3500K	4000K
	1 (14W)	0.42	0.48	0.53	0.56	0.59	0.63
	2 (19W)	0.59	0.67	0.74	0.78	0.83	0.88
	3 (26W)	0.76	0.86	0.95	1.00	1.07	1.13

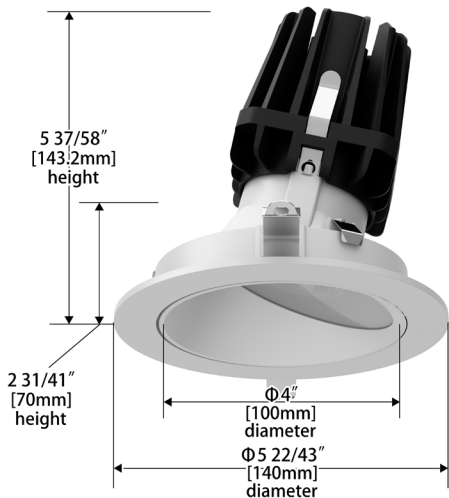
FQ Tunable White
4" Wall Wash

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DIMENSIONAL DIAGRAMS

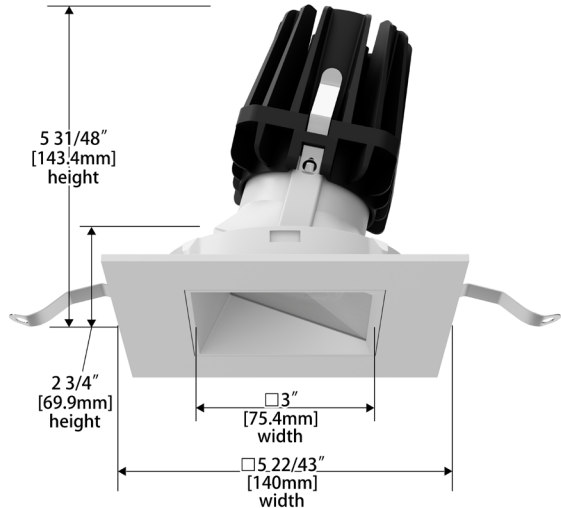
Round Trim (R4FRWT)



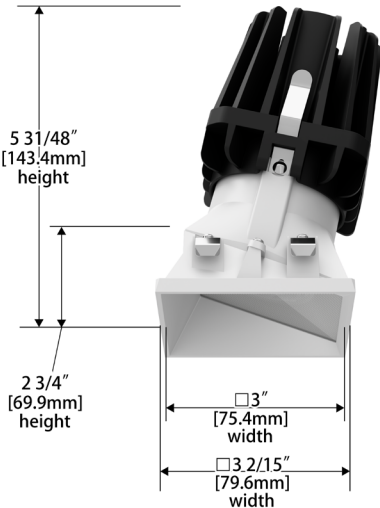
Round Trimless (R4FRWL)



Square Trim (R4FSWT)



Square Trimless (R4FSWL)



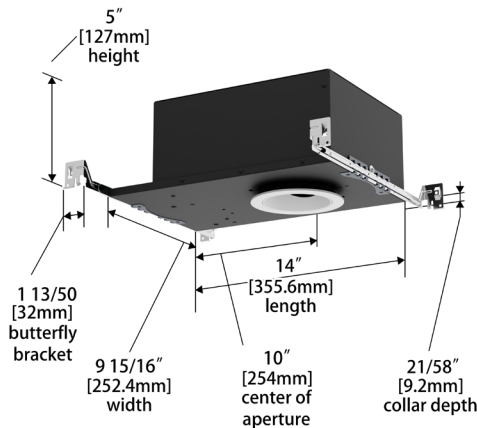
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4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

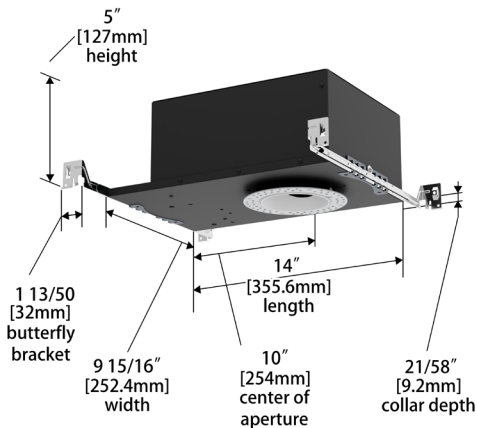
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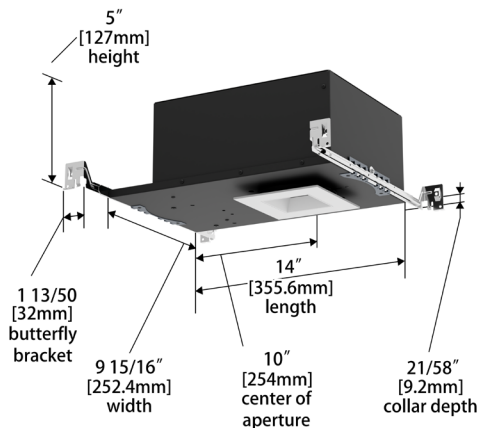
New Construction - Round Trim



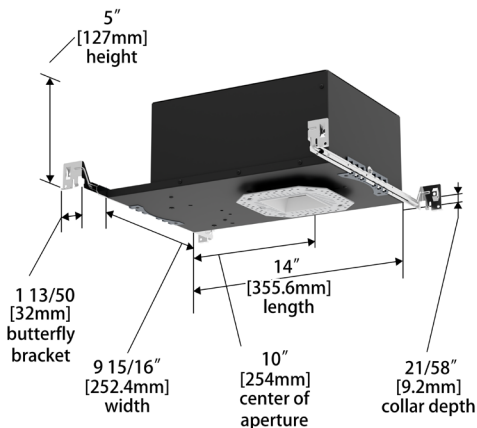
New Construction - Round Trimless



New Construction - Square Trim



New Construction - Square Trimless



FQ Tunable White

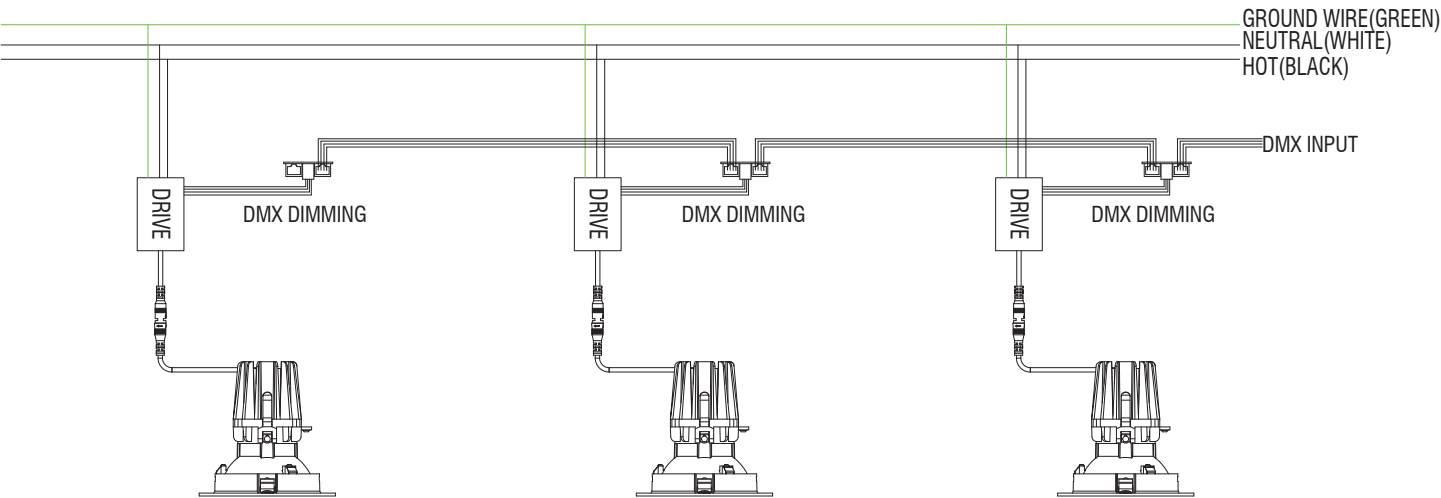
4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type: _____
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Catalog#: _____
Location: _____

WIRING DIAGRAMS

DMX512-A



2CH 0-10V

