

FQ

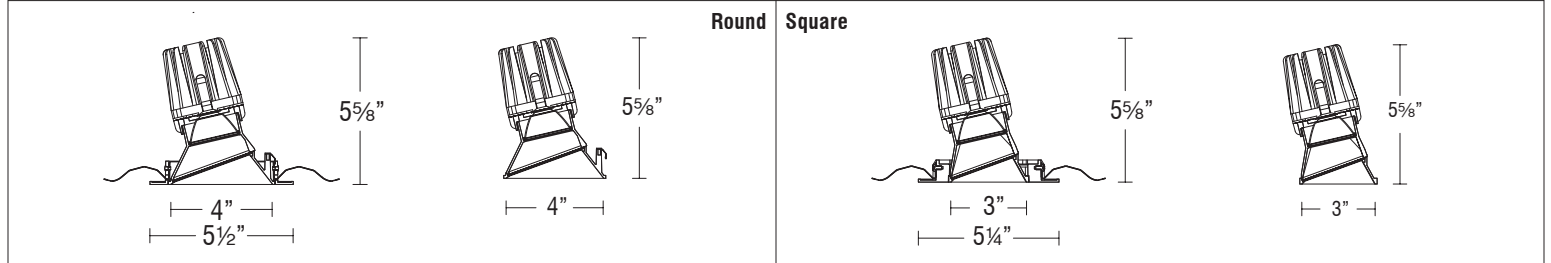
4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

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, 45° 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.

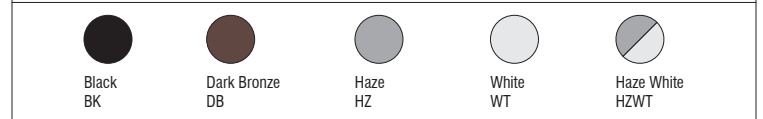
SPECIFICATIONS

Construction:	Two piece die-cast construction
Mounting:	Heavy gauge retention clips support trim firmly Ceiling cut out (Round): Trim $\varnothing 4\frac{3}{4}"$ Trimless $\varnothing 4\frac{3}{4}"$ Ceiling cut out (Square): Trim $4\frac{3}{4}" \times 4\frac{3}{4}"$ Trimless $4\frac{3}{4}" \times 4\frac{3}{4}"$ Accommodates $\frac{1}{2}" - 1"$ 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 2,056 lm (Round Asymmetric, 28W, 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	CBCP Ref Output*	Color Temp	CRI
R4FRWT Round Trim	A Asym	Round	1940	N/A	90
R4FRWL Round Trimless					
R4FSWT Square Trim		Round	1940	N/A	
R4FSWL Square Trimless		Square	1865	N/A	
				927 - 2700K	
				930 - 3000K	
				935 - 3500K	
				940 - 4000K	

Lumens and CBCP are reference values for a trim fixture with 4 housing set to 3000K Color Temperature. Refer to Multiplier Table in Performance Data to determine other outputs.

FQ

4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

ORDERING INFORMATION

CONFIGURATION TABLE		
Model & Power	Color Temperature & CRI	Reflector Finish
R4FRWT	927 - 2700K - 90	BK - BLACK
R4FRWL	930 - 3000K - 90	DB - DARK BRONZE
R4FSWT	935 - 3500K - 90	HZ - HAZE
R4FSWL	940 - 4000K - 90	HZWT - HAZE/WHITE WT - WHITE

R4FRWT-__ - __

Example: R4FRWT-930-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)

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

ORDERING INFORMATION

Housings	Model	Power	Rating	Emergency Backup*
New Construction Airtight Trimmed Round & Square	R4FBNT	1 13W	IC,SPCL	EM <i>Optional</i>
		2 19W	IC,SPCL	
		3 25W	IC,SPCL	
		4 28W	Non-IC	
New Construction Airtight Trimless Round	R4FRNL	1 13W	IC,SPCL	N/A
		2 19W	IC,SPCL	
		3 25W	IC,SPCL	
		4 28W	Non-IC	
New Construction Airtight Trimless Square	R4FSNL	1 13W	IC,SPCL	N/A
		2 19W	IC,SPCL	
		3 25W	IC,SPCL	
		4 28W	Non-IC	
New Construction Frame-In Trimmed Round & Square	R4FBFT	1 13W	Non-IC	EM <i>Optional</i>
		2 19W	Non-IC	
		3 25W	Non-IC	
		4 28W	Non-IC	
New Construction Frame-In Trimless Round	R4FRFL	1 13W	Non-IC	N/A
		2 19W	Non-IC	
		3 25W	Non-IC	
		4 28W	Non-IC	
New Construction Frame-In Trimless Square	R4FSFL	1 13W	Non-IC	N/A
		2 19W	Non-IC	
		3 25W	Non-IC	
		4 28W	Non-IC	
Remodel Housing Trimless - Round	R4FRRL	1 13W	Non-IC	N/A
		2 19W	Non-IC	
		3 25W	Non-IC	
		4 28W	Non-IC	
Remodel Housing Trimless - Square	R4FSRL	1 13W	Non-IC	N/A
		2 19W	Non-IC	
		3 25W	Non-IC	
		4 28W	Non-IC	
Remodel Housing Trimmed	R4FBRT	1 13W	Non-IC	N/A
		2 19W	Non-IC	
		3 25W	Non-IC	
		4 28W	Non-IC	
Remodel Housing Trimmed	R4FBR2T	1 13W	IC	N/A

R4F - - -
 Example: R4FBNT-1 or R4FBNT-1-EM
 *EM option is not SPCL rated

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

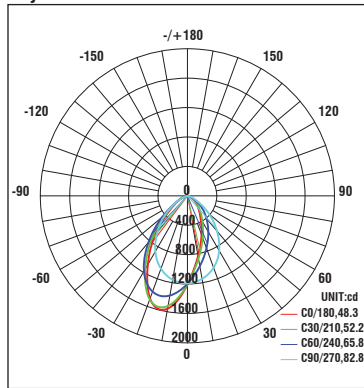
PERFORMANCE DATA

Polar Candela Distribution Charts

Samples shown from a trim fixture with 4 housing set to 3000K.

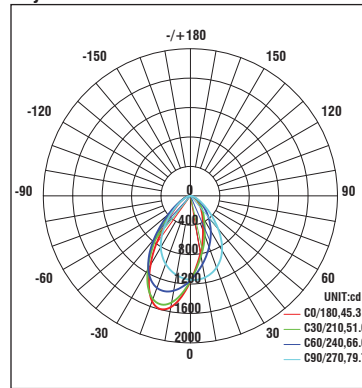
ROUND

Asymmetric Beam



SQUARE

Asymmetric Beam



FQ

4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type: _____

Project: _____

Catalog#: _____

Location: _____

PERFORMANCE DATA

Unified Glare Rating (UGR) Table

UGR values shown are calculated for a fixture with 4 housing at 3000K and 90 CRI.

Round Fixture	Angle	UGR Range
Asymmetric	-	≤20

Square Fixture	Angle	UGR Range
Asymmetric	-	≤21

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.

Multiplier		Color Temperature			
		927	930	935	940
HOUSING	4	0.95	1.00	1.02	1.06
	3	0.84	0.88	0.90	0.93
	2	0.65	0.68	0.70	0.72
	1	0.45	0.47	0.48	0.50