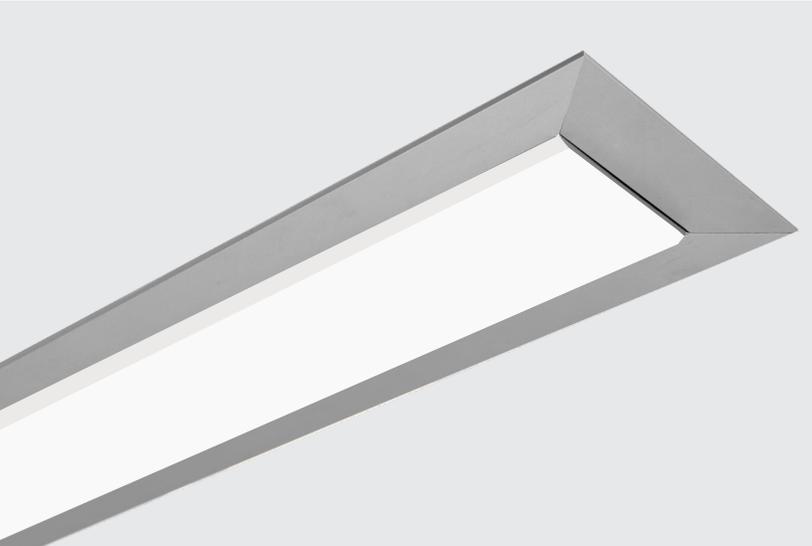


# RECESSED (RC3) SERIES

## 3" RECESSED LIGHTING



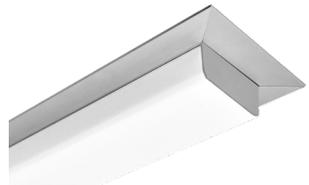
FL - FLAT LENS



FRL - FLAT ROUND LENS



RL - ROUND LENS



SL - SQUARE LENS

### PROJECT

### TYPE

### NOTES

## FEATURES

### DESCRIPTION

The Recessed series is a family of high performance, linear luminaires which feature a pre-installed trim flange suitable for gypsum mud or T-Bar ceiling.

### CONSTRUCTION

High quality extruded aluminum housing provides a superior fixture enclosure and Extruded DR acrylic frosted lenses ensure pixel free and widespread uniformity.

### PERFORMANCE

Premium quality white LED boards providing up to 1800 lumens / ft. Various options of LED drivers, programmable and 0-10V dimming. Other options available such as RGBW, tunable white and dim to warm.

### FIXTURE CONFIGURATIONS

Straight or Patterns configurations, single housing up to 12'. Longer runs are achieved with multiple fixtures butt together for a seamless appearance. Endless patterns designs are possible and add a new character to your design.

### INSTALLATION

Various ways of simple installation and easy access for maintenance.

SERIES	TRIM	LED TYPE	LUMENS	DRIVER TYPE	LOCATION	CONFIG	MOUNTING	FINISH	LENGTH	
RC3-FL FLAT LENS	T TRIM	<b>STANDARD LED</b>		<b>FOR STANDARD LED</b>		I INTEGRAL	ST STRAIGHT	TB T-BAR	S SATIN	2'
		27K 2700k	L LOW	UNV0% 0-10V0%	3'					
	TC TRIM	30K 3000k	M MEDIUM	UNV1% 0-10V1%	4'					
		35K 3500k	H HIGH	UNV10% 0-10V10%	5'					
RC3-FRL FLAT ROUND LENS	CORNER	40K 4000k	CL CUSTOM LUMENS	UNVCD% 0-10VCD	R REMOTE	PTN PATTERN	BKT BRACKET (TRIM OR TRIMLESS)	W WHITE	6'	
				TRIAC 2 WIRE					7'	
	TL TRIMLESS			DALI DALI	FSM FLANGE SCREW MOUNT (TRIMLESS)	B BLACK	8'			
				LTRN LUTRON		A ANTI MICROBIAL	9'			
RC3-RL ROUND LENS	CORNER	<b>SPECIAL LED</b>		<b>FOR SPECIAL LED</b>					10'	
		R RED	Specify required lumens	Refer to driver options in compatibility chart	11'					
	TB T-BAR	G GREEN	or	or	ISM INSIDE SCREW MOUNT (TRIM OR TRIMLESS)	C CUSTOM	12'			
		B BLUE	consult factory	consult factory		OTHER Specify				
RC3-SL SQUARE LENS	CORNER	RGBW RGBW							PTN Pattern	
		DTW DIM TO WARM								
		TW TUNABLE WHITE								
PG. 1,2,3	Refer to PG. 4	Refer to PG. 5	Refer to PG. 5	Refer to PG. 5	Refer to PG. 5	Refer to PG. 6	Refer to PG. 7, 8, 9	Refer to PG. 10	Refer to PG. 10	



## SPECIFICATIONS

### HOUSING

High quality extruded aluminum housing up to 12' long in one single and continuous housing. Continuous longer fixtures can be made in the field by connecting multiple fixtures using our internal joiners, see page 6 & 10 for more details and options. Consult factory if you require other aperture sizes.

### LENS

Extruded, snap on, DR acrylic with white frosted finish for widespread, even light distribution and no pixelation. Four Styles: **FL**-flat lens, **FRL**-flat rounded lens, **RL**-rounded lens, **SL**-square lens, refer to page 1 & 3 for more details and options.

### TRIM

**Trimmed** Exposed, smooth trim around all four sides of the fixture, with satin, white, black or custom finish to match fixture.  
**Trimless** Mud flange mill finish for mud drywall applications. Refer to page 4 for more details.

### LED'S

**Standard** LED'S 60,000 hours. (L70), High uniformity 90CRI, 2700K TO 4000K, refer to page 5 for lumen details and options.  
**Special** LED'S red, green, blue, RGBW, Dim to warm, Tunable white, refer to page 5 for details and options.

### LED DRIVERS

Integral or remote, universal voltage (120/277), 0-10V with custom program dimming options, Triac, Dali, Lutron, refer to page 5 for details and options.

### CONFIGURATION

**Straight** Straight fixtures in any length, refer to page 6 & 10 for more details and options.  
**Pattern** A combination of multiple fixtures in any length and in a custom pattern configuration, refer to page 6 & 10 for more details

### MOUNTING

**T-Bar** Works for t-bar ceiling mounting only, refer to page 7 for more details.  
**Bracket** Bracket mounting works with trim and trimless fixtures, ceiling and wall installations, refer to page 8 for more details.  
**Flange Mount** Flange screw mounting is for trimless fixtures only, ceiling and wall installations, refer to page 8 for more details.  
**Inside Mount** Inside screw mounting is for trim and trimless fixtures, ceiling or wall mounted, refer to page 9 for more details.

### FINISH

Powder coat and Satin anodized.  
Satin and white are standard finishes. Black, custom and antimicrobial are premium finishes, refer to page 10 for more details and options.

### FIXTURE LENGTHS

**Standard** 2', 3', 4', 5', 6', 7', 8', 9', 10', 11', 12', in one single & continuous housing, refer to page 6 & 10 for more details.  
**Custom** Multiple fixtures are connected end to end with our joiners for lengths longer than 12', refer to page 6 & 10 for more details.  
**Pattern** A drawing with specific dimension must be provided for this option, refer to page 6 & 10 for more details.

### WARRANTY

**Limited Warranty** 5 year limited warranty, see [Warranty](#) for full terms.

### COMPLIANCE CERTIFICATIONS



# RECESSED (RC3) SERIES

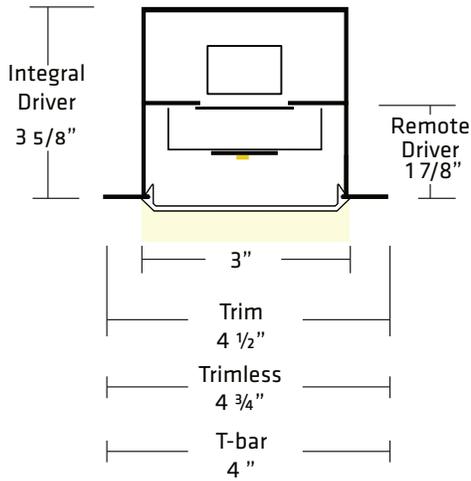
## SERIES - PROFILE SIZES



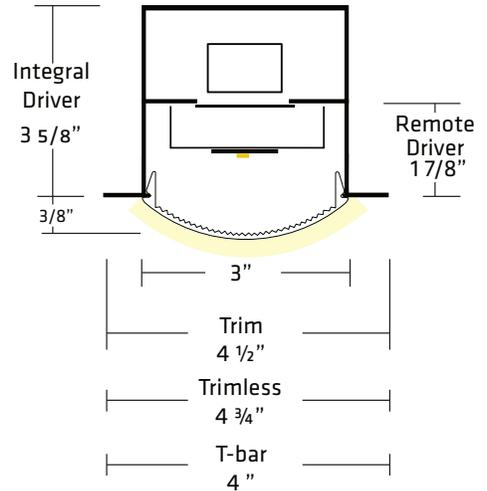
### RC3 SERIES - (3" Wide Aperture)

Consult factory for other fixture size requirements

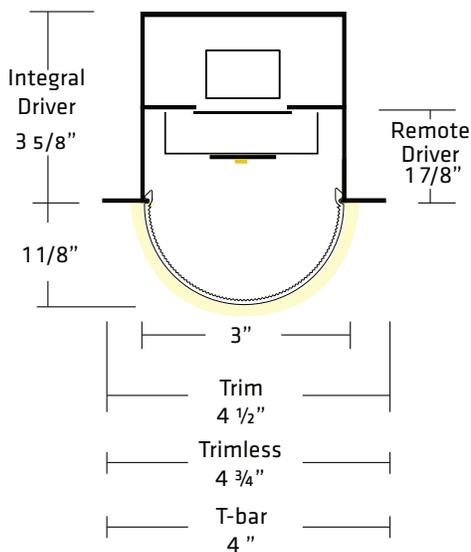
**RC3 - FL**  
FLAT LENS



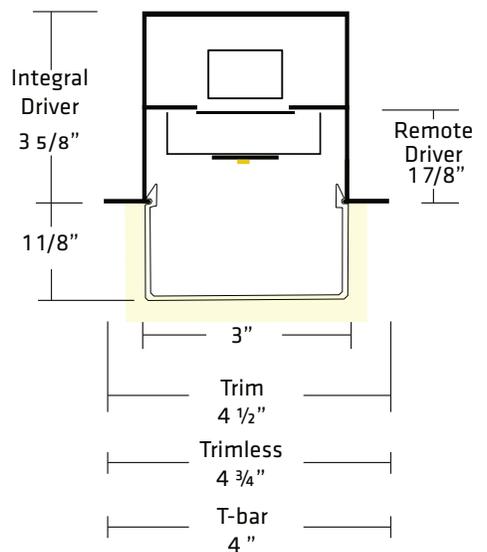
**RC3 - FRL**  
FLAT SEMI-ROUNDED LENS



**RC3 - RL**  
ROUNDED LENS



**RC3 - SL**  
SQUARE LENS



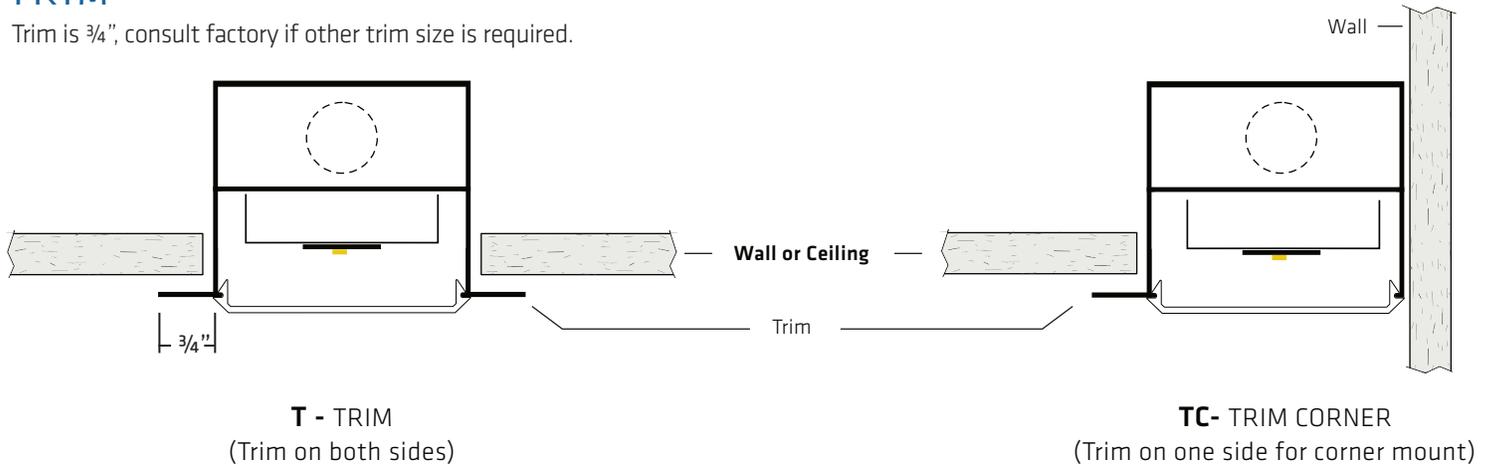
# RECESSED (RC3) SERIES

## TRIM / FLANGE OPTIONS



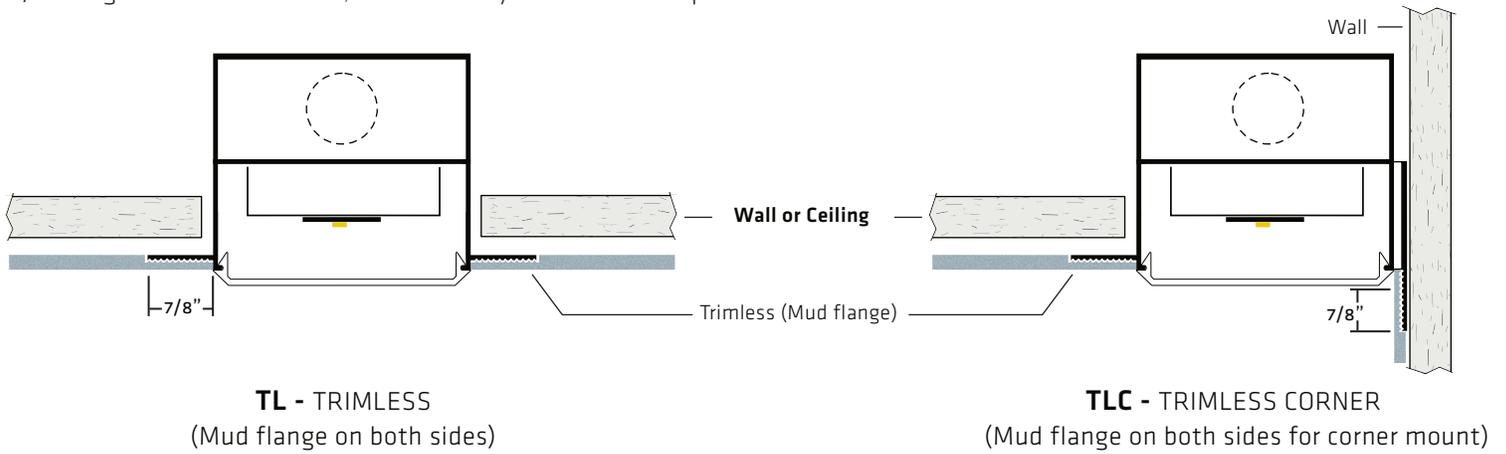
### TRIM

Trim is 3/4", consult factory if other trim size is required.



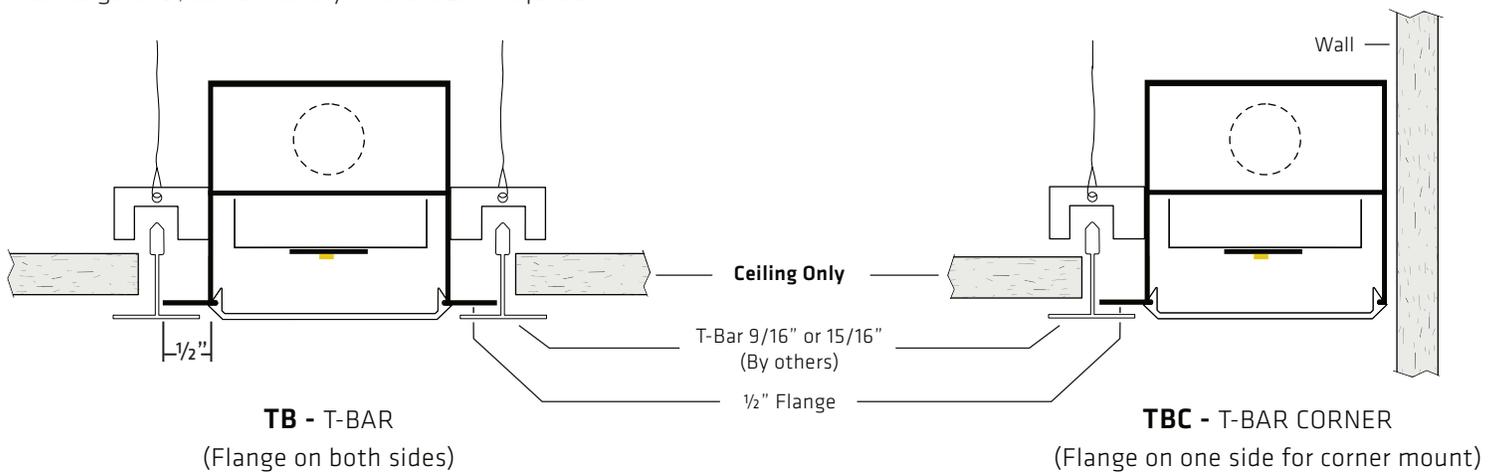
### TRIMLESS - (Mud Flange)

7/8" flange in satin or mill finish, consult factory if other size is required.



### T BAR

T bar flange is 1/2", consult factory if other size is required.



# RECESSED (RC3) SERIES

## LED TYPES - DRIVERS



### LED TYPES

STANDARD LED'S		DESCRIPTION									
COLOR		CRI	(L) LOW LUMENS			(M) MEDIUM LUMENS			(H) HIGH LUMENS		
<b>27K</b>	2700K	CRI90	433 L/FT	3.5 W/FT	120 L/W	760 L/FT	6.5 W/FT	117 L/W	1026 L/FT	9.0 W/FT	114 L/W
<b>30K</b>	3000K	CRI90	448 L/FT	3.5 W/FT	124 L/W	787 L/FT	6.5 W/FT	121 L/W	1062 L/FT	9.0 W/FT	118 L/W
<b>35K</b>	3500K	CRI90	463 L/FT	3.5 W/FT	129 L/W	814 L/FT	6.5 W/FT	125 L/W	1098 L/FT	9.0 W/FT	122 L/W
<b>40K</b>	4000K	CRI90	478 L/FT	3.5 W/FT	133 L/W	840 L/FT	6.5 W/FT	129 L/W	1134 L/FT	9.0 W/FT	126 L/W

**(CL)** Custom Lumens. Custom and higher lumen available. Higher Kelvin also available, consult factory.

SPECIAL LED'S	DESCRIPTION		LUMENS
<b>R</b>	RED	Static Red LED	Specify Required Lumens or Consult Factory
<b>G</b>	GREEN	Static Green LED	
<b>B</b>	BLUE	Static Blue LED	
<b>RGBW</b>	RGBW	Color Tuning	
<b>DTW</b>	DIM TO WARM	4000k - 1800K	
<b>TW</b>	TUNABLE WHITE	2700k - 6500K	

Specify or consult factory for any other type of LED requirements not shown above such as led type, LED color, lumens, etc.

### LED DRIVERS (Integral or Remote)

DRIVER	DESCRIPTION			
<b>UNV0%</b>	0 - 10V Dimming Driver	0 % Dimming (Dim to Off)	120/277V	(347V Available)
<b>UNV1%</b>	0 - 10V Dimming Driver	1% Dimming	120/277V	(347V Available)
<b>UNV10%</b>	0 - 10V Dimming Driver	10% Dimming	120/277V	(347V Available)
<b>UNV(CD)%</b>	0 - 10V Dimming Driver	Custom Dimming (Specify %)	120/277V	(347V Available)
<b>TRIAC</b>	2 Wire Dimming Driver	2 Wire Phase Triac Dimming	120/277V	
<b>DALI</b>	Dali Dimming Driver	Dali, Specify Dali Type Required	120/277V	(347V Available)
<b>LTRN</b>	Lutron Dimming Driver	Lutron, Specify Type Required	120/277V	

Specify or consult factory for any other type of LED DRIVER requirements not shown above.

### LED TYPES & DRIVERS COMPATIBILITY

STANDARD LED'S	DRIVER						
<b>27K</b>	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
<b>30K</b>	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
<b>35K</b>	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
<b>40K</b>	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON

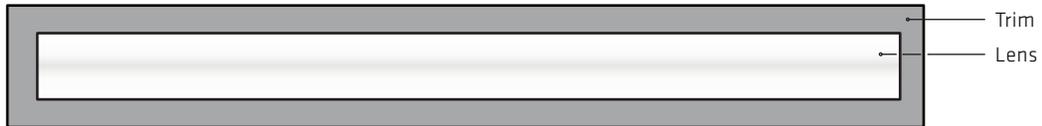
SPECIAL LED'S	DRIVER						
<b>R</b>	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
<b>G</b>	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
<b>B</b>	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
<b>RGBW</b>						DALI	LUTRON
<b>DTW</b>	UNV0%	UNV1%	UNV10%	UNVCD%		DALI	LUTRON
<b>TW</b>	UNV0%	UNV1%	UNV10%	UNVCD%		DALI	LUTRON

Specify or consult factory for any other type of LED DRIVER requirements not shown above.

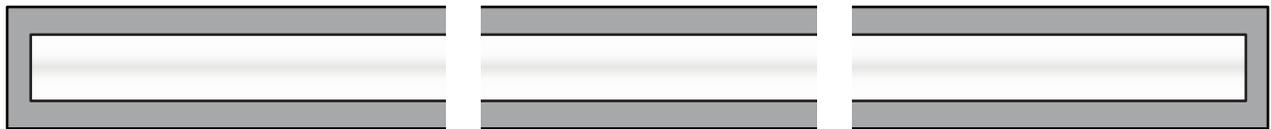
## (ST) - STRAIGHT

2' fixture minimum with integral driver and up to 12' long in one single and continuous housing, continuous longer fixtures are made up in the field by connecting multiple fixtures using our internal joiners.

SINGLE HOUSING FOR FIXTURES 2' MINIMUM AND 12' MAXIMUM

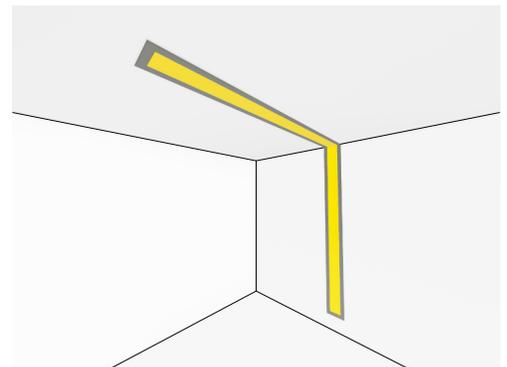
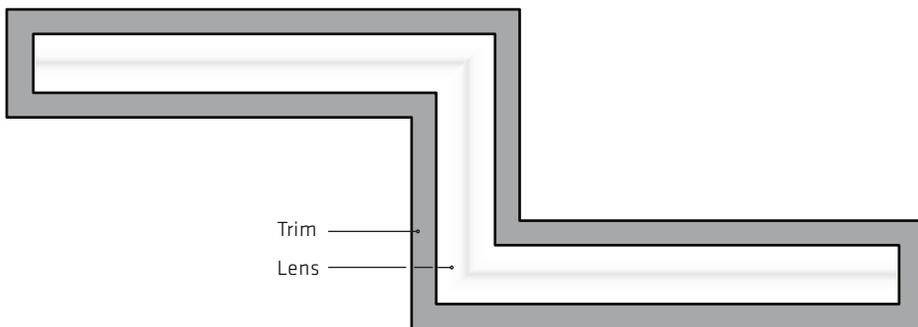


MULTIPLE HOUSINGS FOR FIXTURES LONGER THAN 12'



## (PTN) - PATTERN

Patterns are made of multiple straight fixtures placed in different directions to create a custom pattern design on the wall, ceiling or both. Pattern fixtures are made and shipped with factory miter cuts. 2 ft is the minimum fixture length with integral drivers and 12' long the max in a single continuous housing. Multiple fixtures can be connected end to end with our joiners for longer fixture requirements. Drawings with specific dimensions are required for pattern fixtures.



# RECESSED (RC3) SERIES

## MOUNTING - T BAR



### MOUNTING OPTIONS

Below are options and details of some of the the most customary ceiling, wall and ceiling/wall corner installations.

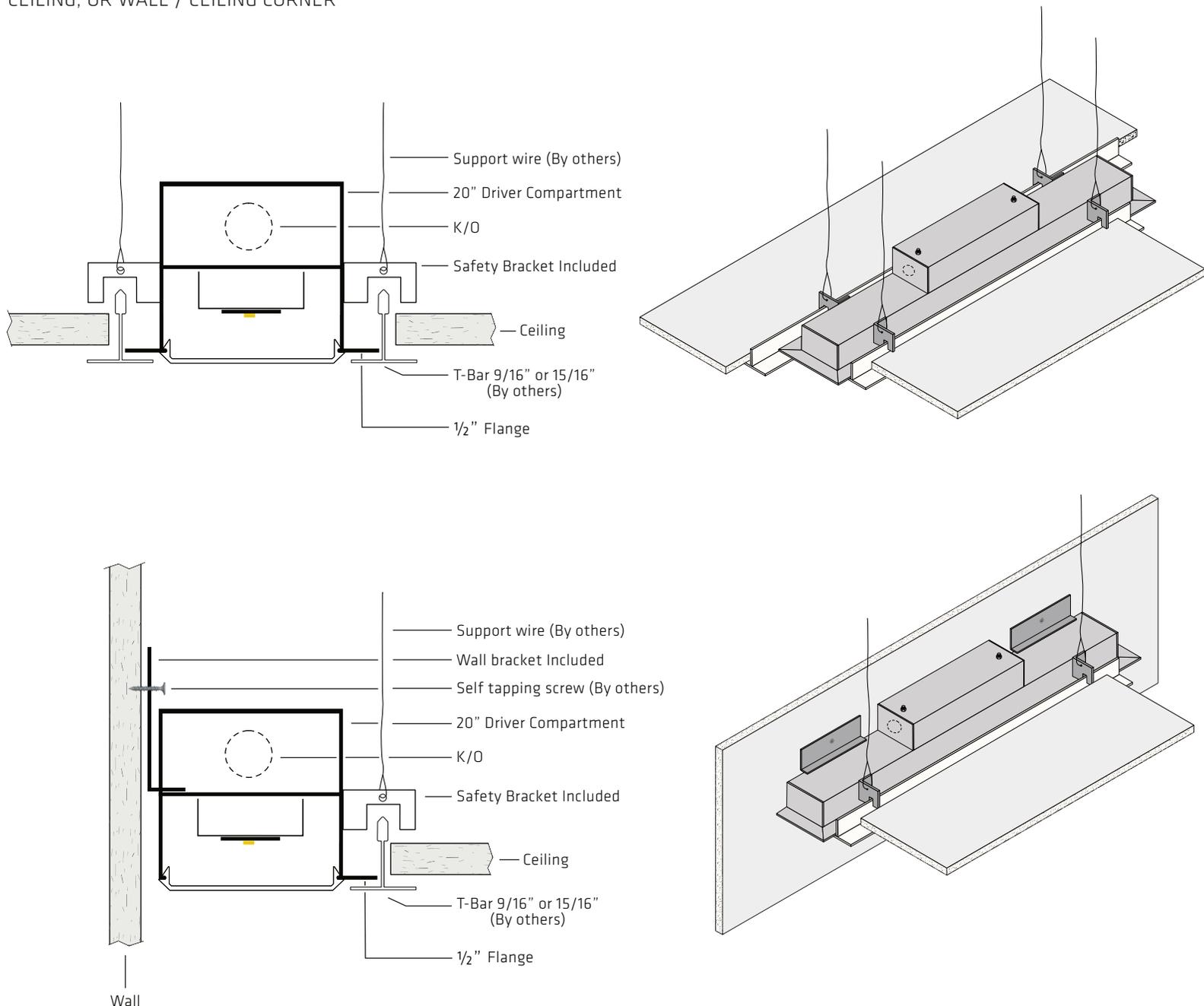
Consult factory for other mounting requirements

Electrical connections must be done by a qualified electrician and according to NEC and local codes

LED Driver access from both, inside and outside of the fixture

### (TB) - T BAR

CEILING, OR WALL / CEILING CORNER



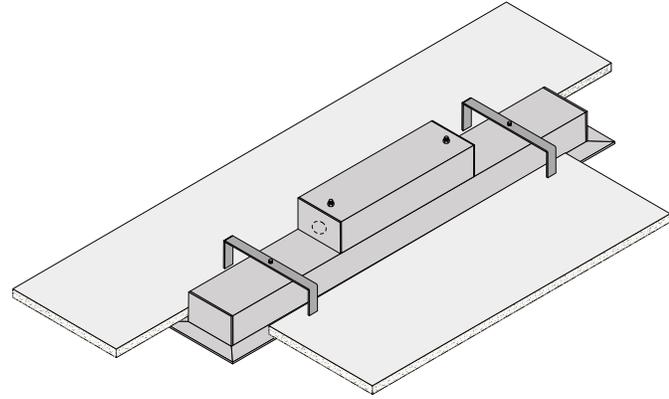
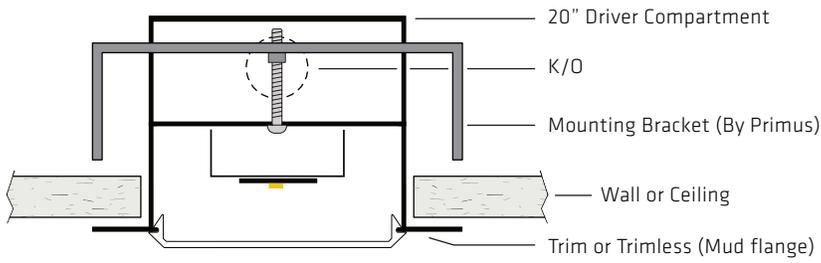
# RECESSED (RC3) SERIES

## MOUNTING - BRACKET & MUD FLANGE



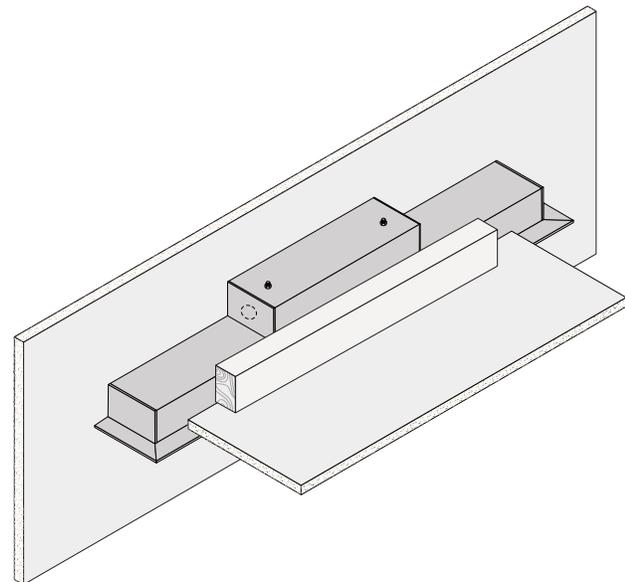
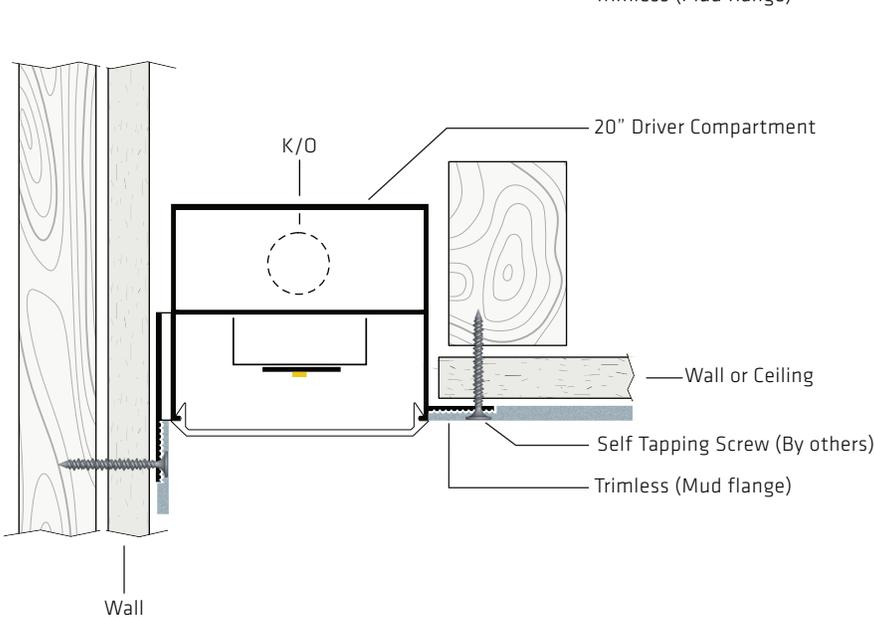
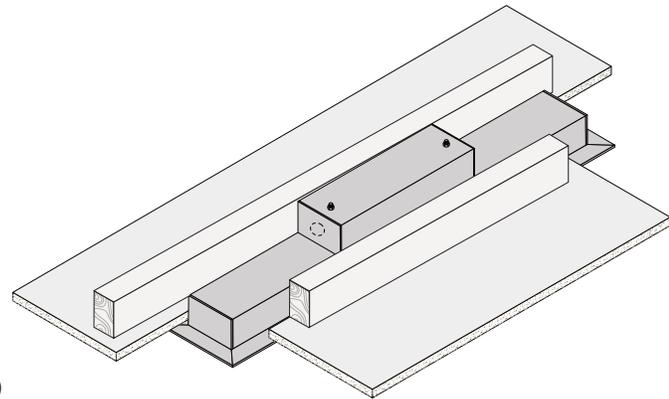
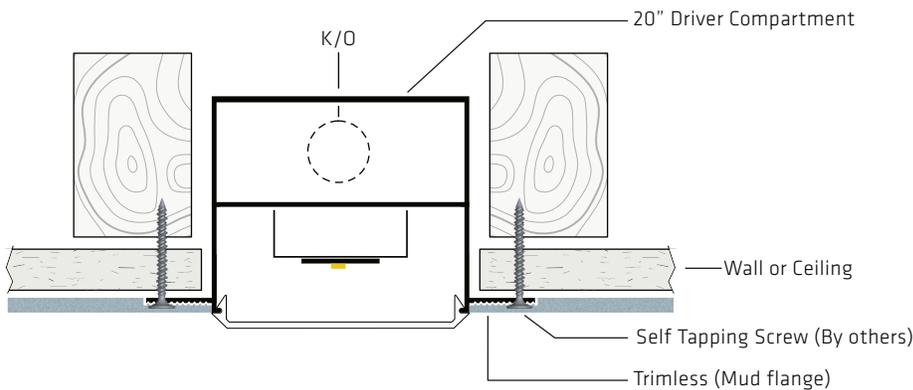
### (BKT) - BRACKET

WALL OR CEILING



### (FSM) - FLANGE SCREW MOUNT (Trimless, Mud Flange)

WALL, CEILING OR WALL / CEILING CORNER



# RECESSED (RC3) SERIES

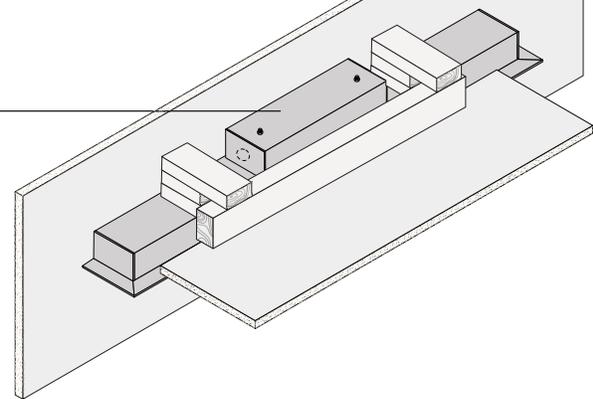
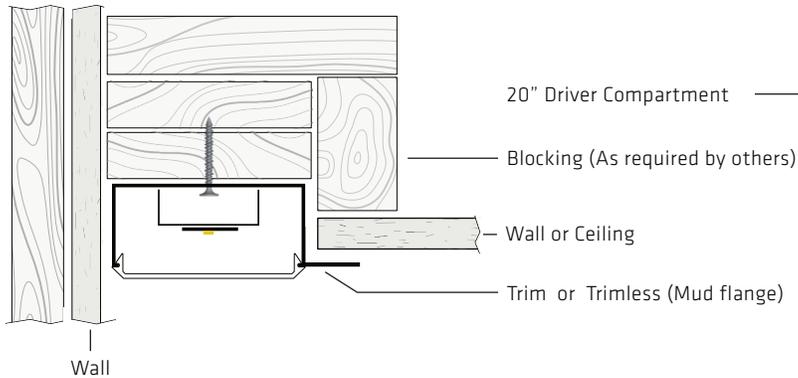
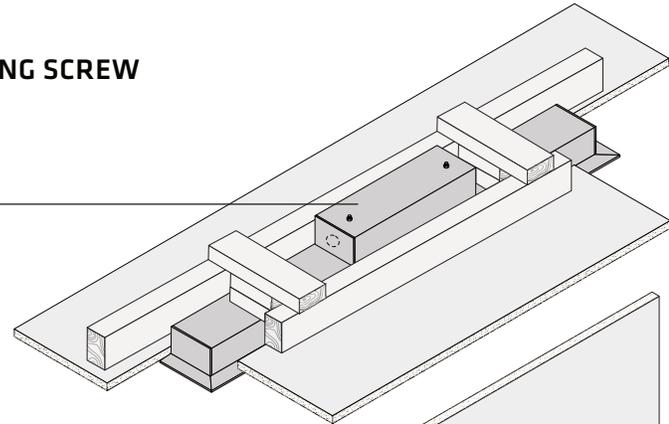
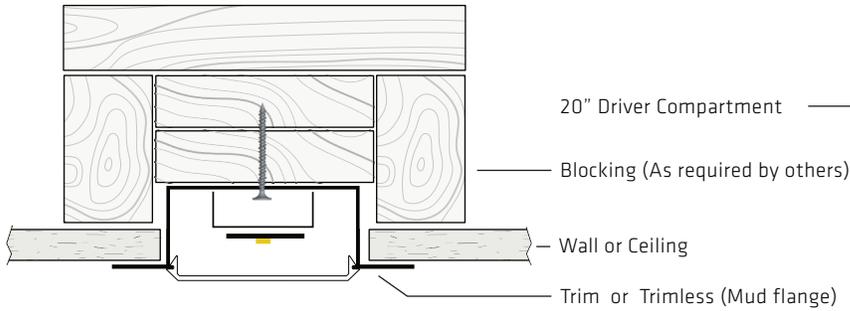
## MOUNTING - INSIDE SCREW MOUNT



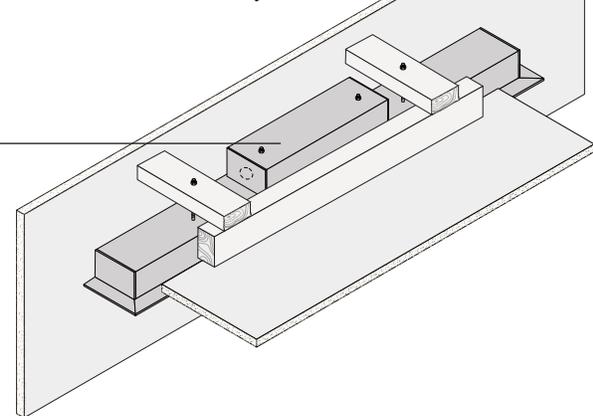
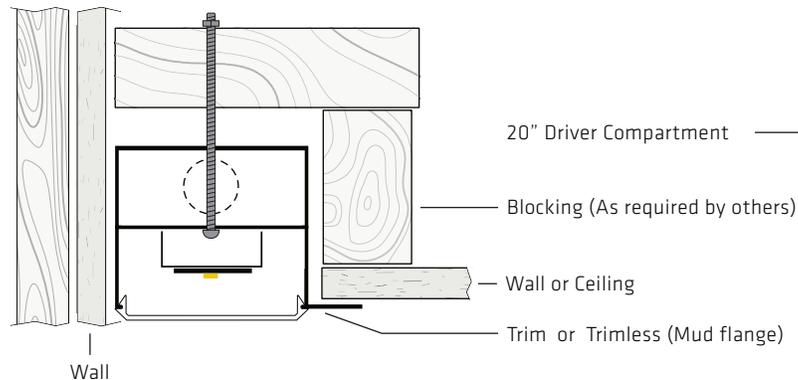
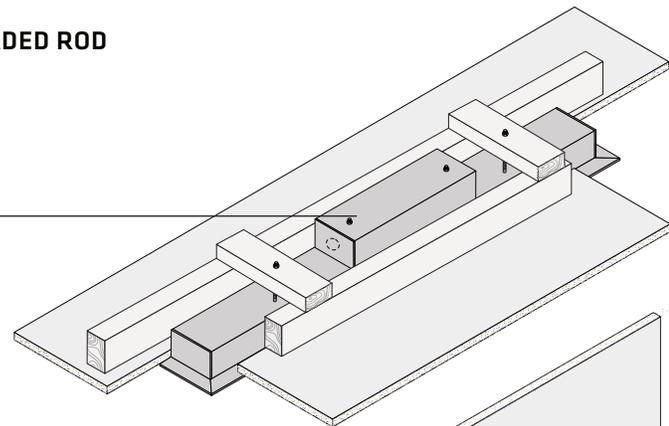
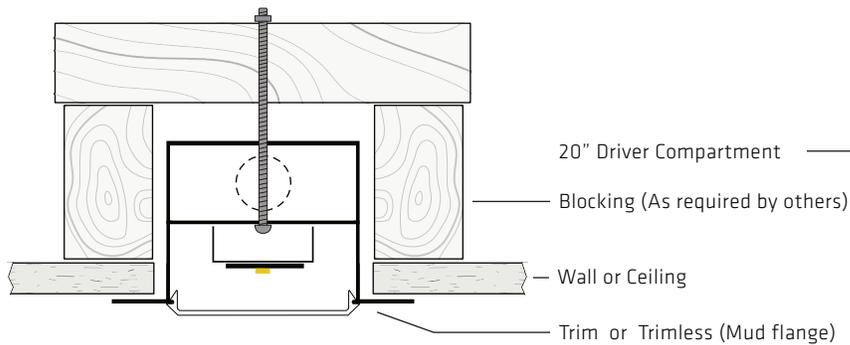
### (ISM) - INSIDE SCREW MOUNT

WALL, CEILING OR WALL / CEILING CORNER

#### INSIDE MOUNT, SELF TAPPING SCREW

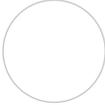
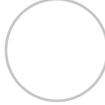


#### INSIDE MOUNT, 1/4" / 20 THREADED ROD



### FINISH OPTIONS

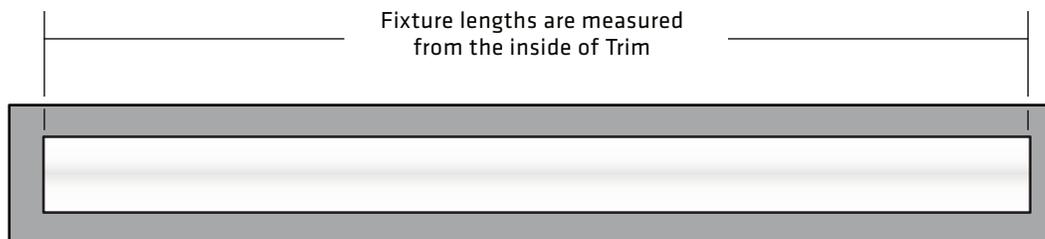
Powder coat and satin anodized.  
 Satin anodized and powder coat white are standard finishes.  
 Black, custom colors and antimicrobial white finish also available.  
 White or satin finishes are recommended for indirect lighting applications.  
 The actual color of the product may vary from what is seen on electronic devices.  
 We cannot guarantee that the color you see on your screen accurately reflects the true color of the product.  
 See below for all fixtures pre-selected finish. (Customer must confirm required finish.)

				
<b>S - SATIN</b> <small>(Clear Anodized, Standard)</small>	<b>W - WHITE</b> <small>(Powder Coat, Standard)</small>	<b>B - BLACK</b> <small>(Powder Coat, Premium)</small>	<b>A - ANTI MICROBIAL</b> <small>(Powder Coat White, Premium)</small>	<b>C - CUSTOM COLOR</b> <small>(Premium, <a href="#">provideRAL#</a>)</small>
<b>TRIM FIXTURES TRIMLESS FIXTURES T BAR FIXTURES</b>	<b>TRIM FIXTURES T BAR FIXTURES</b>	<b>TRIM FIXTURES</b>	<b>TRIM FIXTURES TRIMLESS FIXTURES</b>	<b>TRIM FIXTURES</b>

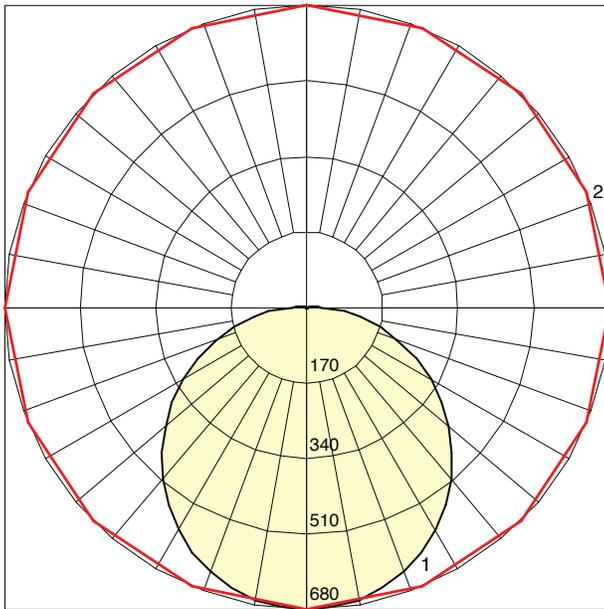
### FIXTURE LENGTHS

Refer to the chart below for standard lengths.  
 2' Long is the minimum fixture length with integral driver and 1' minimum with remote driver.  
 12' Long is the maximum length in one single & continuous housing, longer fixtures are made by connecting multiple fixtures end to end.  
 Drawings with specific dimensions are required for pattern fixtures.

NOMINAL LENGTH	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	OTHER	PTN
ACTUAL LENGTH	25"	34"	49"	56"	73"	89"	97"	111"	121"	133"	145"	(Specify)	Pattern (Provide Drawing)



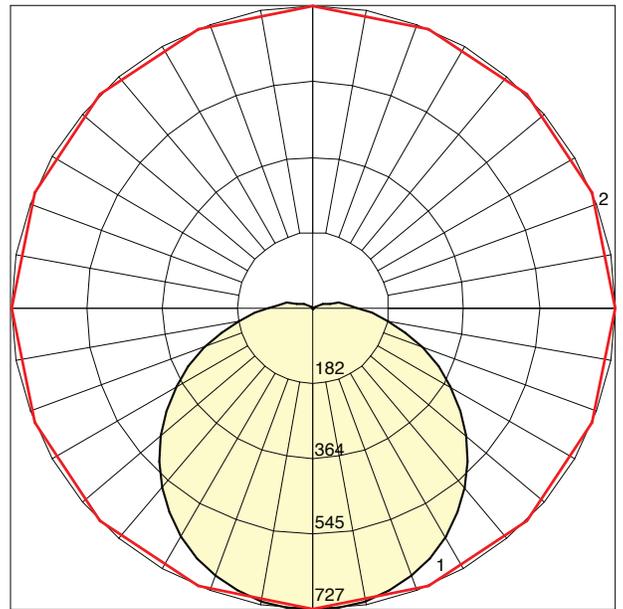
### RC3-FL FLAT LENS



FILENAME: L022511901.IES

Maximum Candela = 680 Located At Horizontal Angle = 0, Vertical Angle = 0  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
 # 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

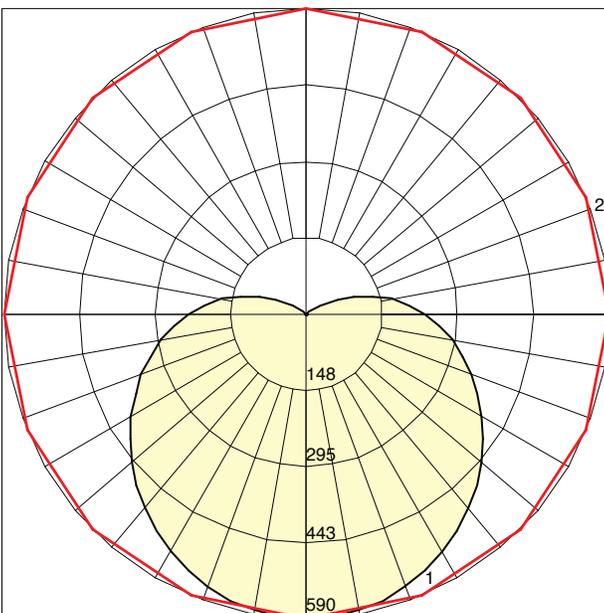
### RC3-FRL FLAT ROUNDED LENS



FILENAME: L022511902.IES

Maximum Candela = 727 Located At Horizontal Angle = 0, Vertical Angle = 0  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
 # 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

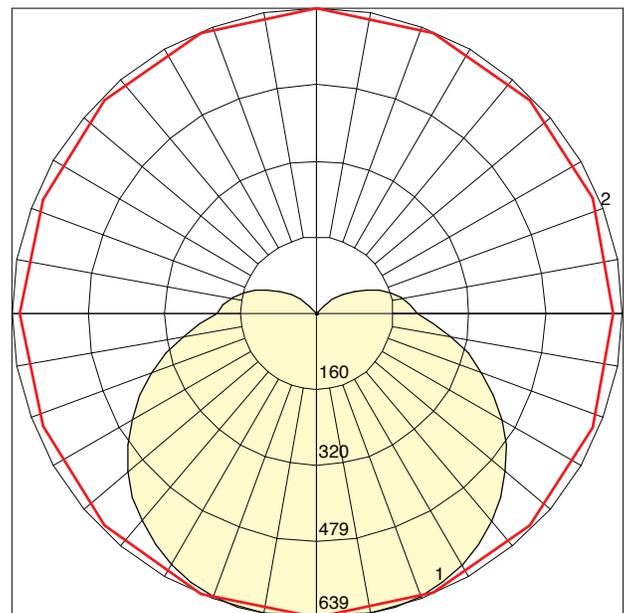
### RC3-RL ROUND LENS



FILENAME: L022511903.IES

Maximum Candela = 590 Located At Horizontal Angle = 0, Vertical Angle = 0  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
 # 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

### RC3-SL SQUARE LENS



FILENAME: L022511904.IES

Maximum Candela = 639 Located At Horizontal Angle = 90, Vertical Angle = 10  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
 # 2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)