

FIRE RATED DOWNLIGHT

Selectable 5CCT Remodel Downlight

The fire rated downlight offers five color temperatures in one compact package. This built-in feature provides a simple way to update lighting to match a new color scheme or design. Available in Slim, Slim with baffle, and deep baffle configurations to suit your desired aesthetics.

- Excellent color rendering (90+ CRI)
- Aluminum housing with polycarbonate lens
- Five selectable color temperatures:
2700K / 3000K / 3500K / 4000K / 5000K
- Lumen output up to 1100 Lumens
- Available in 4", and 6" sizes
- Dimmable with most TRIAC dimmers
- Spring loaded mounting clips
- Type IC and cETLus Listed for indoor, wet locations
- 50,000 hours rated life
- ENERGY STAR Certified and JA8 Compliant
- The FRD series has been listed to UL263, ASTM E119 and CAN ULC S101 by SGS. The FRD series has been tested and approved for 2-hour Fire Rating with the most floor and ceiling fire rated assemblies including: UL L505, L511, L536, L538, L541, L556, L577, M500, M510, M521, & M543



FIRE RATED SERIES QUICK SPECS

VOLTAGE	100-277V AC, 60Hz
WATTAGE	12W / 15W
LUMENS	See Ordering Information
CCT OPTIONS	Selectable 5CCT (2700K / 3000K / 3500K / 4000K / 5000K)
CRI	90+
MOUNTING	Recessed mount
DIMMING	TRIAC (10 - 100%)
BEAM ANGLE	110°
AMBIENT TEMP	25°C (77°F)
OPERATING TEMP	-10°C (14°F) to 40°C (104°F)
STORAGE TEMP	-20°C (-4°F) to 60°C (140°F)
CERTIFICATIONS	Airtight, Type IC; cETLus Listed - Wet Location
RATED LIFE	50,000 Hours

FIRE RATED SELECT ORDERING INFORMATION

ITEM NUMBER	SIZE	FINISH	VOLTAGE	CCT	CRI	LUMENS	TYPE	WATTAGE	DIMMING
FRD-SLIM-5CCT-4-WH	4"	White	100-277V AC	5-CCT	90+	850	SLIM	12W	10-100%
FRD-SLIM-5CCT-6-WH	6"	White	100-277V AC	5-CCT	90+	1100	SLIM	15W	10-100%
FRD-SLIMBAF-5CCT-4-WH	4"	White	100-277V AC	5-CCT	90+	850	SLIM BAFFLE	12W	10-100%
FRD-SLIMBAF-5CCT-6-WH	6"	White	100-277V AC	5-CCT	90+	1100	SLIM BAFFLE	15W	10-100%
FRD-DEEPBAF-5CCT-4-WH	4"	White	100-277V AC	5-CCT	90+	850	DEEP BAFFLE	12W	10-100%
FRD-DEEPBAF-5CCT-6-WH	6"	White	100-277V AC	5-CCT	90+	1100	DEEP BAFFLE	15W	10-100%

PROJECT:

TYPE:

LOCATION:

CATALOG NUMBER:



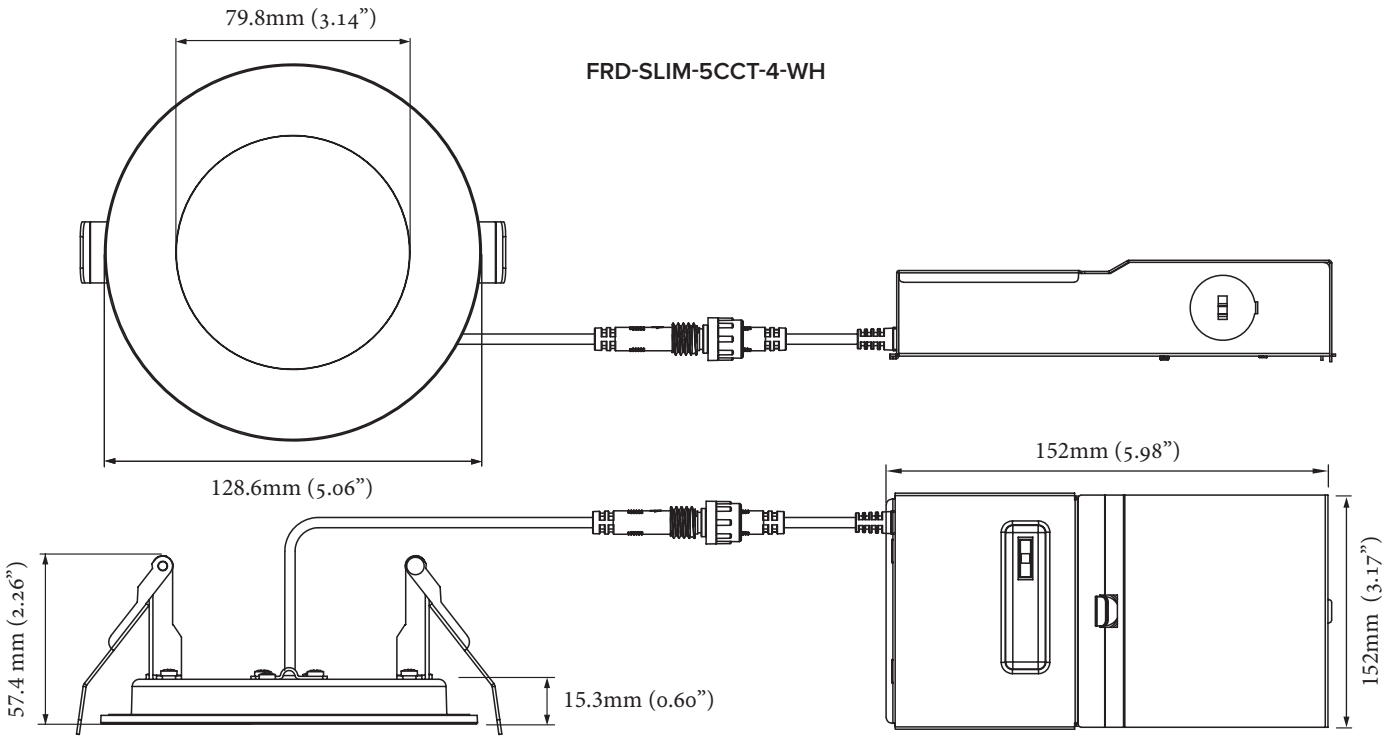
FIRE RATED SELECT ACCESSORIES

ITEM NUMBER	DESCRIPTION
RPH-2/4/6	Rough-in Plate with Hangar Bars: 76mm, 111mm, 128mm, and 165mm Knockout Holes
RPF-2/4/6	Flat Rough-in Plate: 76mm, 101mm, 118mm, and 163mm Knockout Holes

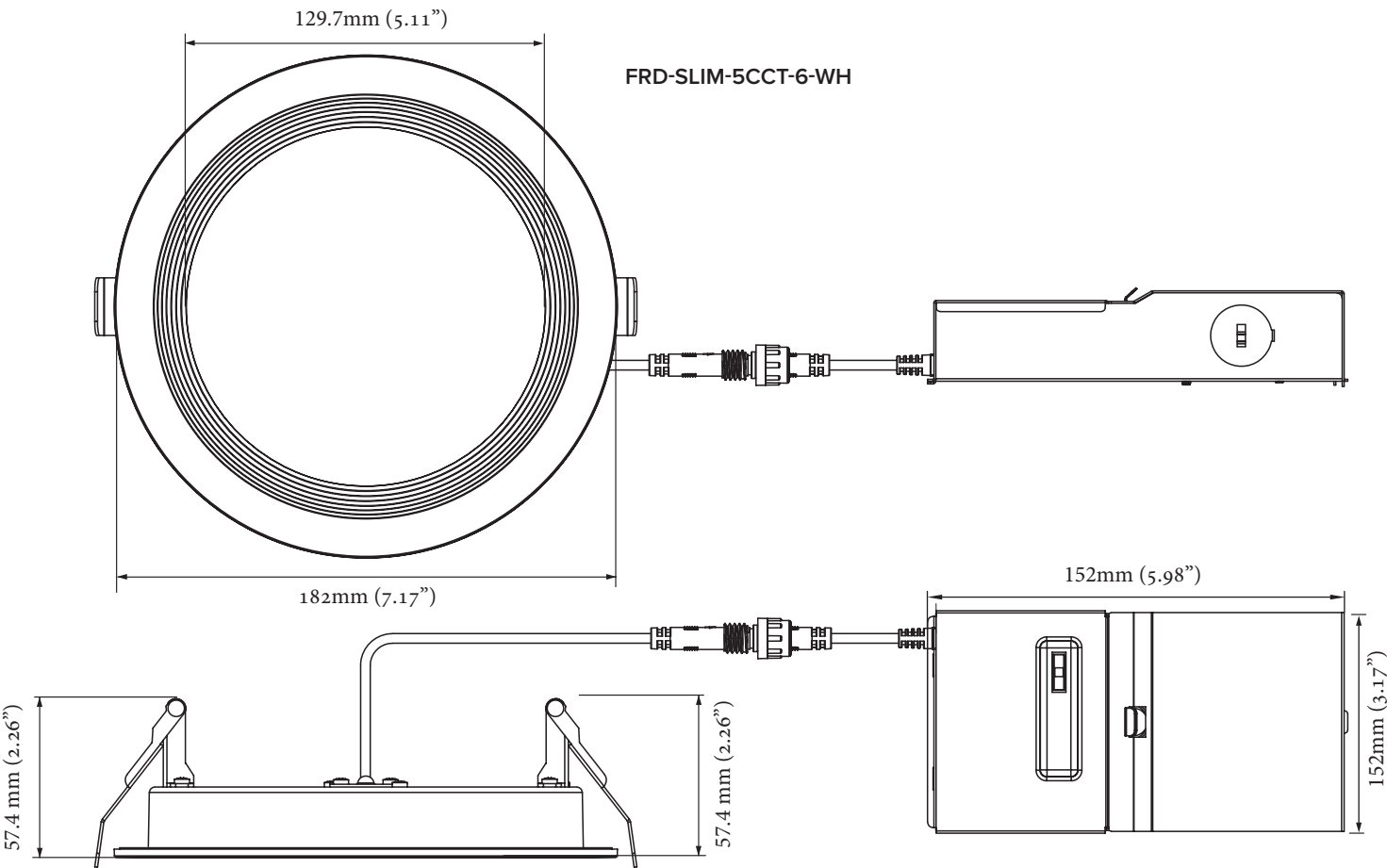


FIRE RATED SELECT DIMENSIONS

FRD-SLIM-5CCT-4-WH

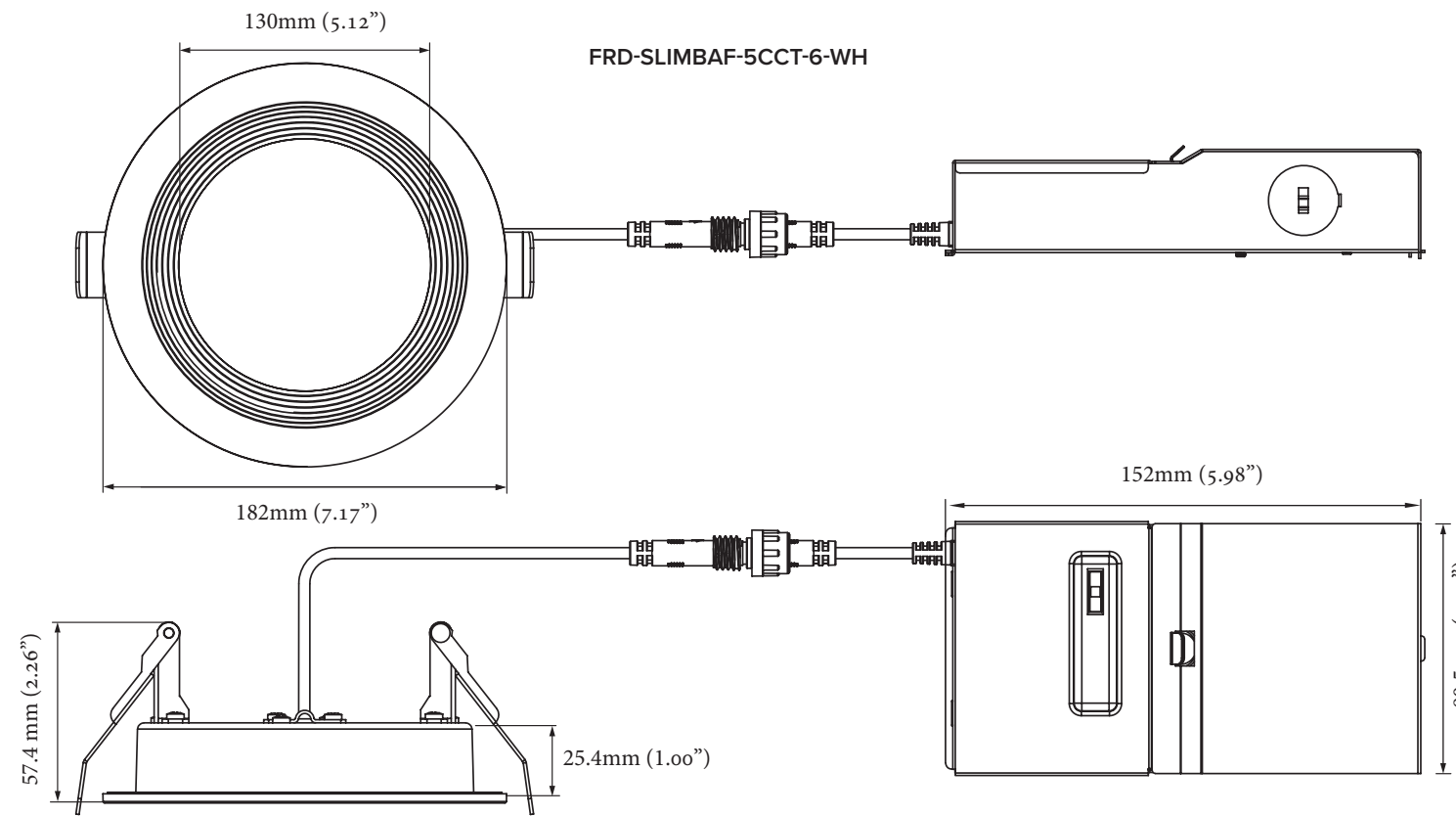
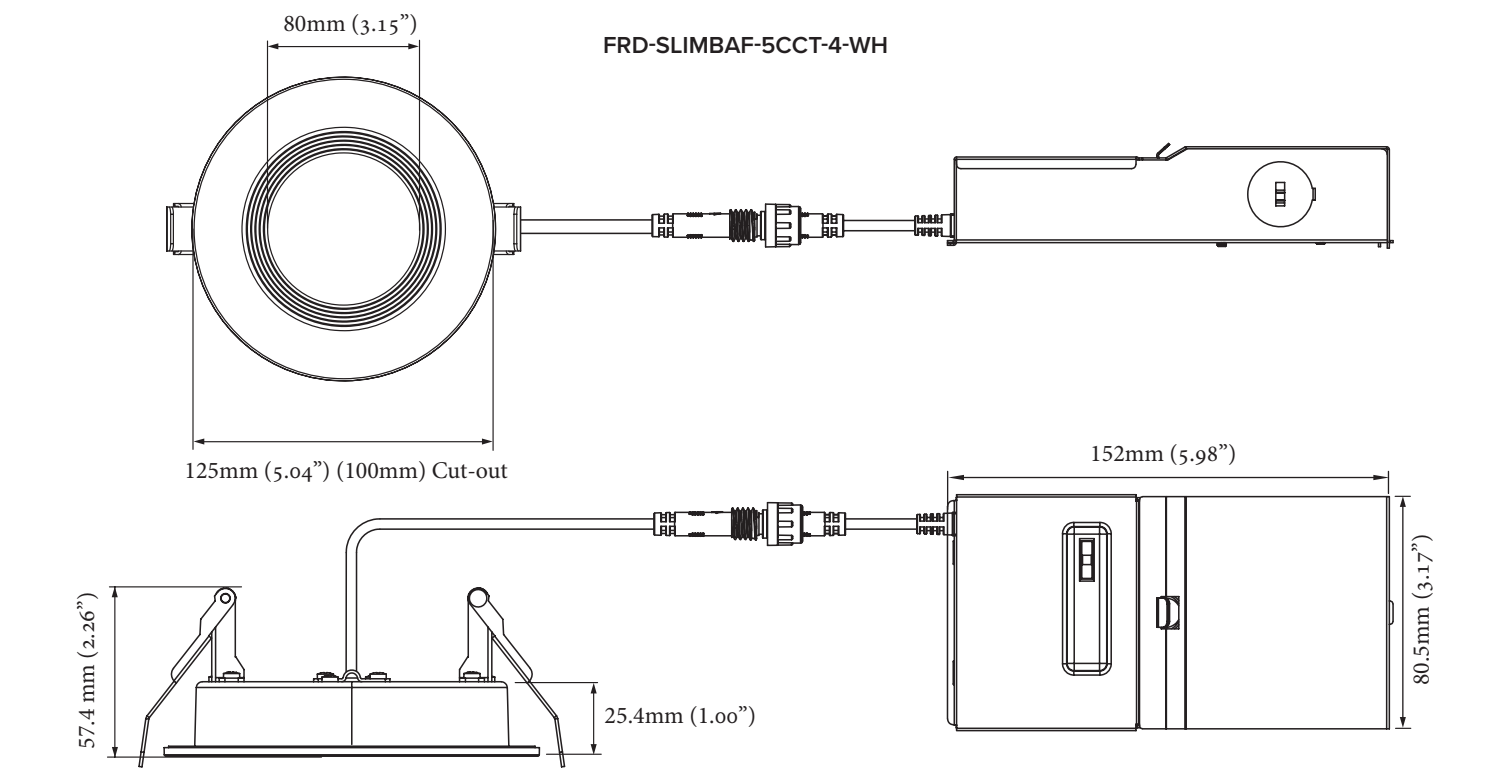


FRD-SLIM-5CCT-6-WH



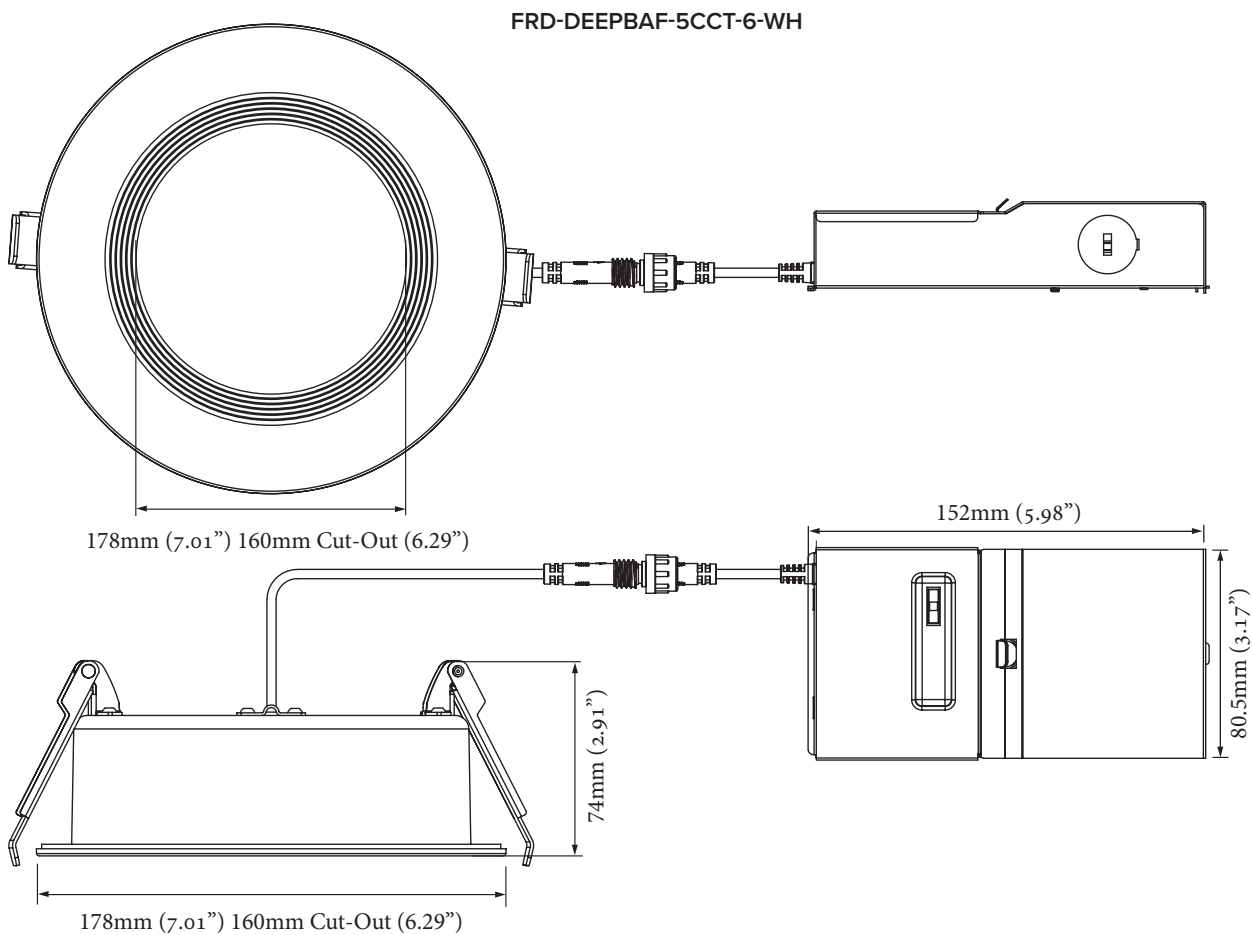
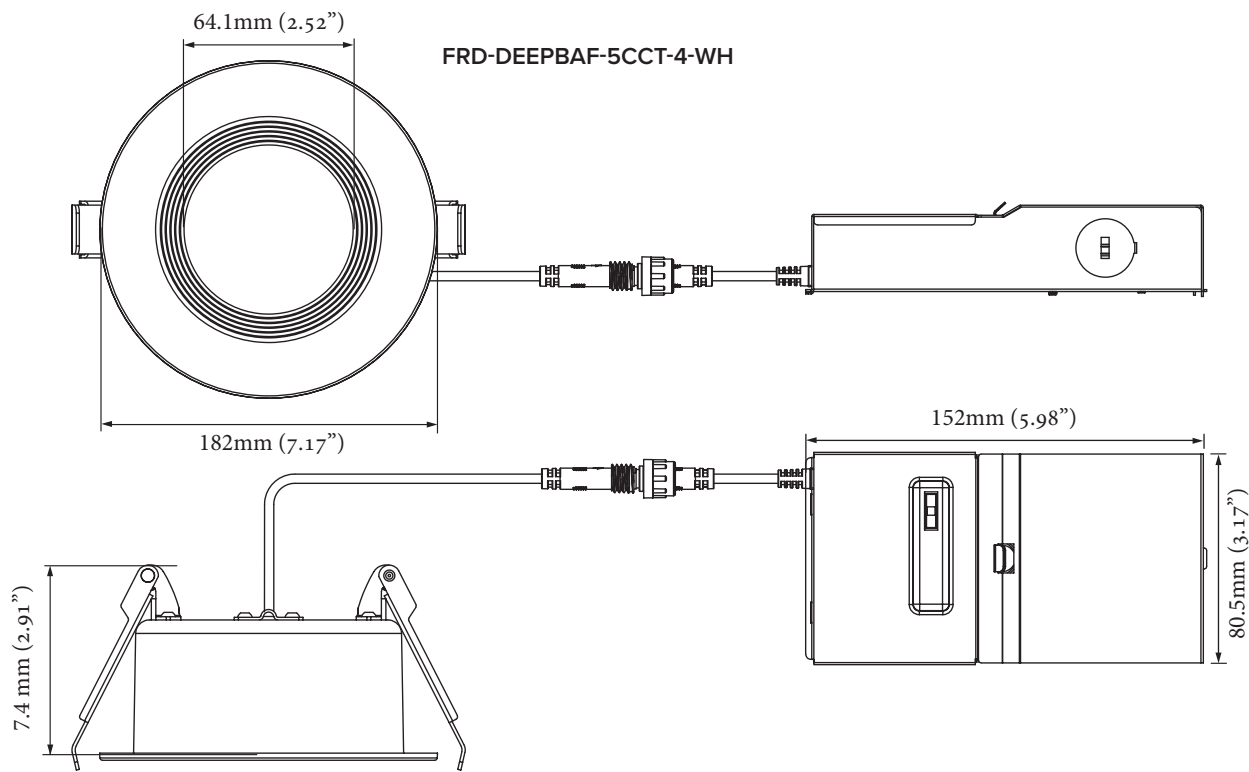
FIRE RATED SELECT

DIMENSIONS CONTINUED



FIRE RATED SELECT

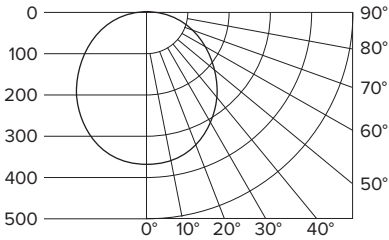
DIMENSIONS CONTINUED



FIRE RATED SERIES PHOTOMETRICS

FRD-SLIM-5CCT-4-WH

PART NUMBER	FRD-SLIM-5CCT-4-WH
BEAM SPREAD	110°
LUMENS	874.5
WATTAGE	12W @ 120VAC
EFFICACY	72.87Lm per watt
CCT	3000K
CRI	90+

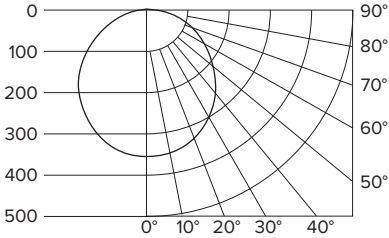


Avg. Foot Candles	Beam Dia.
5.5	5' 14.3'
3.8	6' 17.1'
2.8	7' 20'
2.1	8' 22.9'
1.7	9' 25.7'
1.4	10' 28.6'

Distance From Light

FRD-SLIM-5CCT-6-WH

PART NUMBER	FRD-SLIM-5CCT-6-WH
BEAM SPREAD	111.5°
LUMENS	1111.5
WATTAGE	15W @ 120VAC
EFFICACY	74.1Lm per watt
CCT	3000K
CRI	90+

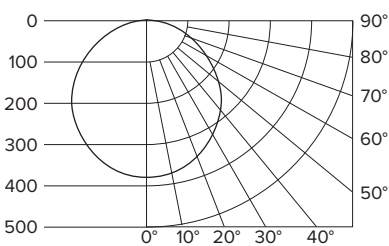


Avg. Foot Candles	Beam Dia.
6.6	5' 14.7'
4.6	6' 17.6'
3.3	7' 20.6'
2.6	8' 23.5'
2.0	9' 26.4'
1.6	10' 29.4'

Distance From Light

FRD-SLIMBAF-5CCT-4-WH

PART NUMBER	FRD-SLIMBAF-5CCT-4-WH
BEAM SPREAD	110°
LUMENS	878.4
WATTAGE	12W @ 120VAC
EFFICACY	73.2Lm per watt
CCT	3000K
CRI	90+

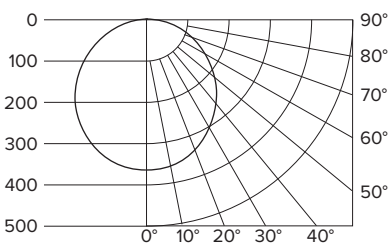


Avg. Foot Candles	Beam Dia.
5.5	5' 14.3'
3.8	6' 17.1'
2.8	7' 20'
2.1	8' 22.9'
1.7	9' 25.7'
1.4	10' 28.6'

Distance From Light

FRD-SLIMBAF-5CCT-6-WH

PART NUMBER	FRD-SLIMBAF-5CCT-6-WH
BEAM SPREAD	111.8°
LUMENS	1152.47
WATTAGE	15W @ 120VAC
EFFICACY	73.33Lm per watt
CCT	3000K
CRI	90+



Avg. Foot Candles	Beam Dia.
6.7	5' 14.8'
4.7	6' 17.7'
3.4	7' 20.7'
2.6	8' 23.6'
2.1	9' 26.6'
1.7	10' 29.5'

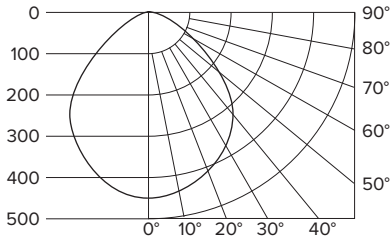
Distance From Light

FIRE RATED SERIES

PHOTOMETRICS

FRD-DEEPBAF-5CCT-4-WH

PART NUMBER	FRD-DEEPBAF-5CCT-4-WH
BEAM SPREAD	99.5°
LUMENS	898.74
WATTAGE	12W @ 120VAC
EFFICACY	74.89Lm per watt
CCT	3000K
CRI	90+

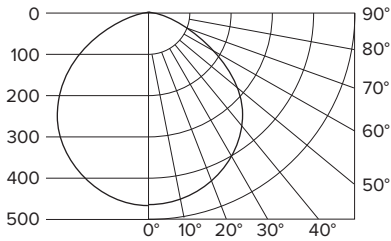


Avg. Foot Candles	Beam Dia.
8.2	5' 11.8'
5.7	6' 14.2'
4.2	7' 16.5'
3.2	8' 18.9'
2.5	9' 21.3'
2.1	10' 23.6'

Distance From Light

FRD-DEEPBAF-5CCT-6-WH

PART NUMBER	FRD-DEEPBAF-5CCT-6-WH
BEAM SPREAD	106.9
LUMENS	1264.48
WATTAGE	15W @ 120VAC
EFFICACY	84.29Lm per watt
CCT	3000K
CRI	90+



Avg. Foot Candles	Beam Dia.
8.8	5' 13.5'
6.1	6' 16.2'
4.5	7' 18.9'
3.5	8' 21.6'
2.7	9' 24.3'
2.2	10' 27'

Distance From Light



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 5 YEARS

AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point at which 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.

Warranty life based on average 8 hours/day use, 7 days/week. Product should be cycled off for at least 6 hours per day.

SAFETY

You must disconnect lighting products from the power supply before servicing or replacing bulbs. Only qualified personnel should install and perform service on lighting products. Periodic inspection and maintenance is required to keep equipment operating properly and at peak performance. Do not mount fixtures on or adjacent to combustible materials.

Lighting products may present a possible shock or fire hazard if improperly installed or attached in any way. Products should always be installed in accordance with their instruction manuals, current electrical codes, and/or the current National Electric Code (NEC). Code compliance is the sole responsibility of the person, company, or party performing the installation of product. Failure to comply with national and/or regional safety codes may result in hazardous or dangerous conditions, damage to property or life, and/or altered product performance/specifications.

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed on the reverse by product category. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for any product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty. Limited Product Warranty applies to lengths up to 75 feet for rope light products.

STANDARD LINEAR WARRANTY

Rope light and linear lighting products in all their various types and shapes, whether LED or incandescent, are wired in series parallel. This means that several individual lamps or LEDs are wired together in series to equal 12V, 24V or 120V. Then these sections are wired together (in parallel) to light up in unison. If one solder joint, lamp or resistor fails, a whole section will not light. Due to the number of elements involved, and the numerous extenuating circumstances beyond our control, American Lighting Inc offers a Standard Linear Warranty on most linear lighting products. The limited liability warranty is listed above, however the Standard Linear Warranty offers replacement product by section due to defective material and/or workmanship for one year beginning from the date of shipment from American Lighting Inc's warehouse to the original purchaser.

USE OF LINEAR LIGHTING IN OUTDOOR APPLICATIONS

Incandescent rope light and LED Flexbrite UL 2388 custom cuts; incandescent and LED Flexbrite pre-packaged kits; and UL Listed (special order) cuts of LED Neon Flexbrite Plus and Economy have factory assembled power connections and end caps that seal the rope from moisture. Due to strict quality control standards, American Lighting is able to offer a limited warranty on these items rather than the standard linear lighting warranty that replaces product by defective section only. For outdoor applications, best practices include using kits interconnected (same length kits are best for color control of White LED Flexbrite) or using custom cuts that do not exceed 75 feet.

For all linear lighting categories, any non-rated field connection made in an outdoor application should be properly sealed with dielectric grease covering all conductive materials; and properly installed power connections and end caps, sealed with dielectric grease, silicone, and heat shrink tube. However, since non-rated (field executed) power connections of linear lighting products cannot be quality controlled, and outdoor use of non-rated product is not recommended, American Lighting cannot warrant the product to any purchaser.

PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit www.americanlighting.com. Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary.

LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% additional product for a project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.