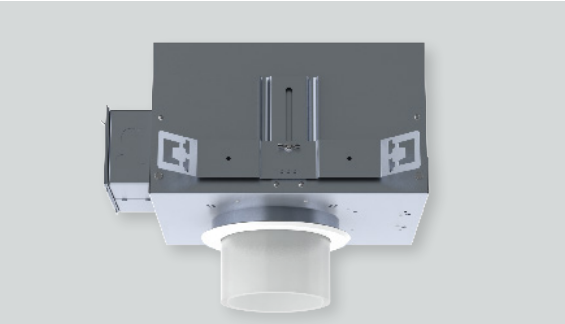
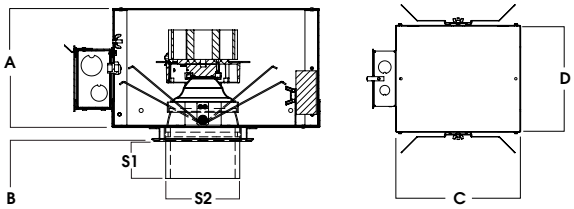
illumitech decorative

6" ROUND DOWNLIGHT / IC RATED

ILLUMITECH DECORATIVE / 2000 LUMENS

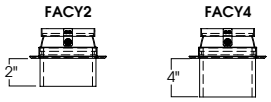
recessed fixtures





A	B	C	D
6.4 162.6 mm	0.625 15.2 mm	10L-13L: 13.2 20L: 19.2	9.5 241.3 mm

TRIM	S1	S2	CUT OUT
FACY2 FACY4	2.0 4.0	6.0 6.0	6.4 162.6 mm



RDFI6XT - DECORATIVE TRIM / IC RATED

APPLICATION

Illumitech decorative recessed series offer two lengths of decorative acrylic cylinder (FACY). Cylinder glows softly to create ambiance.

FEATURES

Two-stage optical system with regressed Solite lens for smooth light distribution. Quick change LED module with interchangeable optics for job site adjustment and fixture maintenance. Shallow plenum design. Tool-less driver and j-box access. Posi-lock trim retention torsion springs.

TRIM FINISH

Decorative cylinder is soft etched UV stabilized cast machined acrylic. Matte White flange is standard.

ELECTRONICS

LED system features Xicato LED module with proprietary phosphor technology that provides consistent, stable color with CCT control of +/- 100K over life of the light engine. Base CRI is 83 with 2-step MacAdam Ellipse binning. High CRI is 98 with 1x2-step MacAdam Ellipse binning. Variety of electronic 120V/277V and dimming drivers.

CONSTRUCTION

Housing/frame constructed of #20 ga. galvanized steel to resist corrosion. Self-Flanged one piece trim spun from 0.063" thick high purity aluminum and finished to specification.

CODE COMPLIANCE

BAA Compliant. IC rated. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Optional Wet location. Manufactured and tested to UL standards No. 1598/8750.

WATTAGE TO LUMENS UPDATE					
CURRENT PART NUMBER EXAMPLE	PREVIOUS PART NUMBER EXAMPLE	SOURCE LUMENS[1]	DELIVERED LUMENS[2]	SYSTEM WATTS	LPW
RDFI6XT10L	RDFI6LEDXI15W	1000	655	11.1	59.0
RDFI6XT13L	RDFI6LEDXI20W	1300	882	15.0	58.8
RDFI6XT20L	RDFI6LEDXI33W	2000	1357	23.7	57.3

SERIES	LUMENS[1]		CCT		OPTICS		DRIVER / VOLTAGE[4]			OPTIONS[5]	
RDFI6XT	83 CRI				XN[3]	10°	E_	Electronic Driver	1	120V	BH27[6] 27" Solid Bars
	10L	1000 Lm	27K	2700K	ND	27°	DS10_	10% 0-10V	2	277V	H12 12" - 24" Expandable Bars
	13L	1300 Lm	30K	3000K	MD	40°	DO10_	1% 0-10V			H06 6" - 12" Expandable Bars
	20L	2000 Lm	35K	3500K	WD	45°	DS2W1	1%, ELV/MLV, 120V			CB24 24" C-Channel Bars
			40K	4000K	XW	50°	DLTE1	1% Lutron® 2-Wire Forward Phase, 120V			EMRM Remote EM Battery Pack
	98 CRI						DL3E_	1% Lutron® EcoSystem®, Fade			FS Fusing
	10L	1000 Lm	27HK	2700K			EL10_	1%, eldoLED			EB Black Housing
	13L	1300 Lm	30HK	3000K			ED01_	0.1%, eldoLED			CR Corrosion Resistant
	20L	2000 Lm	35HK	3500K							PR[7] Deep Ceiling Extension
			40HK	4000K							GR Goof Ring
											CCEA Chicago Ceiling Plenum Rated
											AMB Anti Microbial Finish

TRIM	COLOR		CAST ACRYLIC		TRIM OPTIONS	
RD6FXTMWSO[8]	FA	Frosted Clear	CY2	2" Deep Acrylic	GS	Gasket
			CY4	4" Deep Acrylic	WL	Wet Location

EXAMPLE: RDFI6XT13L35KMDE1/H12/RD6FXTMWSOFACY4

NOTES:
1 Nominal Source Lumens at Any CCT **2** Nominal Delivered Lumens 83CRI at Any CCT with MD Beam with FACY4 **3** XN 13L Max at 83 and 98 CRI **4** Contact Factory for Additional Options **5** See Product Options Page for Details **6** Standard Bar Hangers **7** Contact Factory **8** "F" Indicates Self-Flange Trim, Matte White Standard

SPECTRUM LIGHTING INC.

PROJECT:

TYPE:

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.