ALCON LIGHTING

SPECIFICATION SHEET

Shop Now

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

Our linear architectural LED lights offer various color temperatures, dimming, CRI, and voltage options. Designed for high-quality, energy-efficient performance, they are ideal for commercial spaces, offices, hotel lobbies, museums, government buildings, schools, and public areas. Their versatility makes them perfect for hospitality and residential interiors, providing reliable illumination for diverse applications.

PRODUCT FAMILY

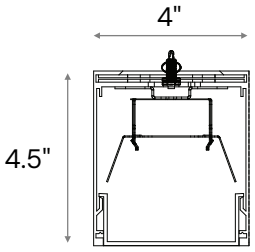
12100-44-P Pendant Mount
12100-44-W Wall Mount
12100-44-S Surface Mount
12100-44-R Recessed Mount

AVAILABLE LENGTHS

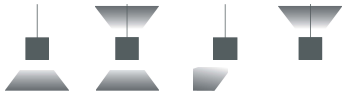
2FT, 3FT, 4FT, 6FT & 8FT
Continuous Run | Consult Factory
Custom Length | Consult Factory

FEATURES

Construction: Aluminum extrusion with flat end caps, painted finish with premium paint
Continuous Run: Full ability to tandem mount for continuous run application
Indirect Mounting: For most effective indirect lighting result, mount at no less than 18" from the ceiling
Custom Design: Offered with pre-fabricated and fully illuminated corners
Lens: Glare-free, frosted acrylic snap-in flat
Voltage: 50/60 Hz Constant current @ 120-277V
Dimming for Static Color: 0-10V down to 10%
RGBW Control: DMX or Casambi Smartphone App (iOS/Android)
Life: 50,000 Reported L70 Hours @ 55°C
Operating Temperature: 4°F (-20°C) ~ 122°F (50°C).
Warranty: 5 years (Static Colors) and 5 years (RGBW) Carefree for parts & components (Labor not included)
Listings: UL, Made in U.S.A, Buy American Act Compliant (BAA), Build America, Buy America Act Compliant (BABA), Trade Agreements Act Compliant (TAA)



Pendant



D D/I DW I

Recessed

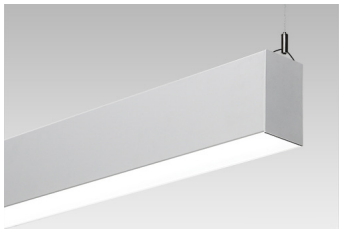
D DW

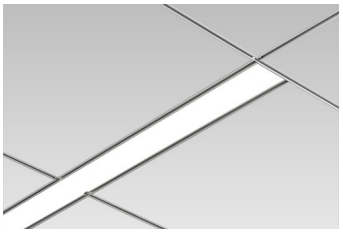
Surface

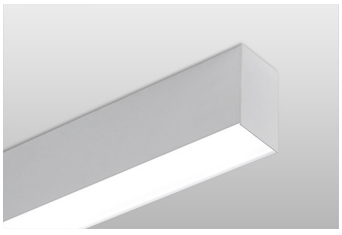
D DW

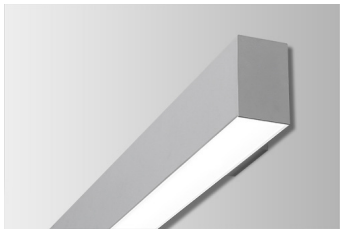
Wall

D I D/I









SPEC GRADE · DIMMABLE · UL · RGBW · MADE IN USA · BUY AMERICAN ACT COMPLIANT · BUILD AMERICA BUY AMERICA · TAA COMPLIANT

Alcon Lighting 12100-44 Architectural LED Linear Direct/Indirect Light Fixture

ORDERING INFORMATION Example: 12100-44-P-D-D3-S4-30K-WH-AC8-WH/WH-8

MODEL		**12100-44** 4" x 4.5"						
MOUNTING		**P** Pendant **W** Wall **S** Surface		**RT** Recessed T-Bar Grid **RS** Recessed Screw Slot Grid		**RF** Recessed Flanged **RTL** Recessed Trimless		
DOWNLIGHT OPTICS		**D** Direct **DW** Direct Wallwash		**DI** Direct/Indirect **DWI** Direct Wallwash / Indirect		**I** Indirect		
DOWNLIGHT L UMENS Wattage & Lumens per foot		STATIC WHITE **D3** 3.125 Watts | 500 lms **D4** 4.375 Watts | 700 lms **D6** 6.25 Watts | 1000 lms **D8** 8.75 Watts | 1400 lms				RGBW **(Blank)** **RGBW-D6** 6.5 Watts | 1000 lms		
UPLIGHT LUMENS Wattage & Lumens per foot		STATIC WHITE **Blank** Not Required **I3** 3.125 Watts | 500 lms **I4** 4.375 Watts | 700 lms **I6** 6.25 Watts | 1000 lms **I8** 8.75 Watts | 1400 lms				RGBW **(Blank)** **RGBW-I6** 6.5 Watts | 1000 lms		
SHAPE		**Sx** Single Run x = 2', 3', 4', 6' or 8' **CRx** Continuous Run x = Length **RCx** Rectangle xx = Width & Length **SQxx** Square xx = Width & Length		**Xxx** Cross xx = Leg 1 & Leg 2 **Txx** Tee xx = Top leg & Base Leg **Uxx** U xx = Base Leg & Side Leg **CWxx** Ceiling to Wall xx = Ceiling & Wall		**90xx** 90° Angle xx = Leg 1 & Leg 2 **135xx** 135° Angle xx = Leg 1 & Leg 2 **CU** Custom		
COLOR TEMPERA TURE		STATIC WHITE **27K** 2700K Soft White **30K** 3000K Soft White **35K** 3500K Neutral White **40K** 4000K Cool White **50K** 5000K Daylight				RGBW **RGBW30** RGB + W (3000K) **RGBW35** RGB + W (3500K) **RGBW40** RGB + W (4000K) **RGBW50** RGB + W (5000K)		
DRIVER		STATIC WHITE **(Blank)** 0-10V (120-277V) Standard **TRI** Triac & ELV (120V)				RGBW **24V** 24V DC Power Supply [1] **DMX** DMX 4-Channel DMX512 Decoder		
FINISH		**WH** White (Matte) **BK** Black (Matte)		**SL** Silver (Matte) **RAL#** Specify RAL # (Pg. 3)		**AMW** Antimicrobial White		
PENDANT MOUNTING		**Blank** None Required		**AC8** 8.25' Adjustable Aircraft Cable **AC12** 12.5' Adjustable Aircraft Cable **ACx** Specify X in Feet (Max 30')		**ST2** 2' Stem **STX** Specify X in Feet (Max 8')		
CORD / C ANOPY FINISH		**WH / WH** White Cord / White Canopy **WH / BK** White Cord / Black Canopy		**BK / BK** Black Cord / Black Canopy **BK / WH** Black Cord / White Canopy		**WH / RAL#** White Cord / Specify RAL # (Page 3) **BK / RAH#** Black Cord / Specify RAL # (Page 3)		
CRI		**8** 80+		**9** 90+				
OPTIONS		**EM12** 1200L Emergency Battery **OS** Occupancy & Daylight Harvesting Sensor						
CONTROL S		STATIC WHITE **Blank** Not Required				RGBW **RGBW-APP** iOS/Android Bluetooth App **RGBW-DMX** 4-Channel DMX512 Decoder (12-24V)		

1 Bluetooth app control or wireless control must be specified for this feature (cannot be combined)

Available Tiger Drylac Finishes

Standard

	Matte White	49/11350

Set up fee and longer lead time will be applied on non-standard finishes.

Metropolitan

	Gloss White	49/10410
	Matte Black	039/80020
	Gloss Black	49/88888
	Matte Silver	49/90500
	Gloss Silver	49/99999
	Matte Bronze	38/60080

Vibrant

	Glimmer Iron	49/84340
	Gloss Yellow	039/20020
	Gloss Orange	039/20010
	Gloss Red	49/31100
	Glossy Fire Engine Red	09/30100
	Glossy Blue	049/44444

Compatible Dimmers

2100
0-10V Wireless 5-Wire to 3-Wire Modern LED Wall Dimmer

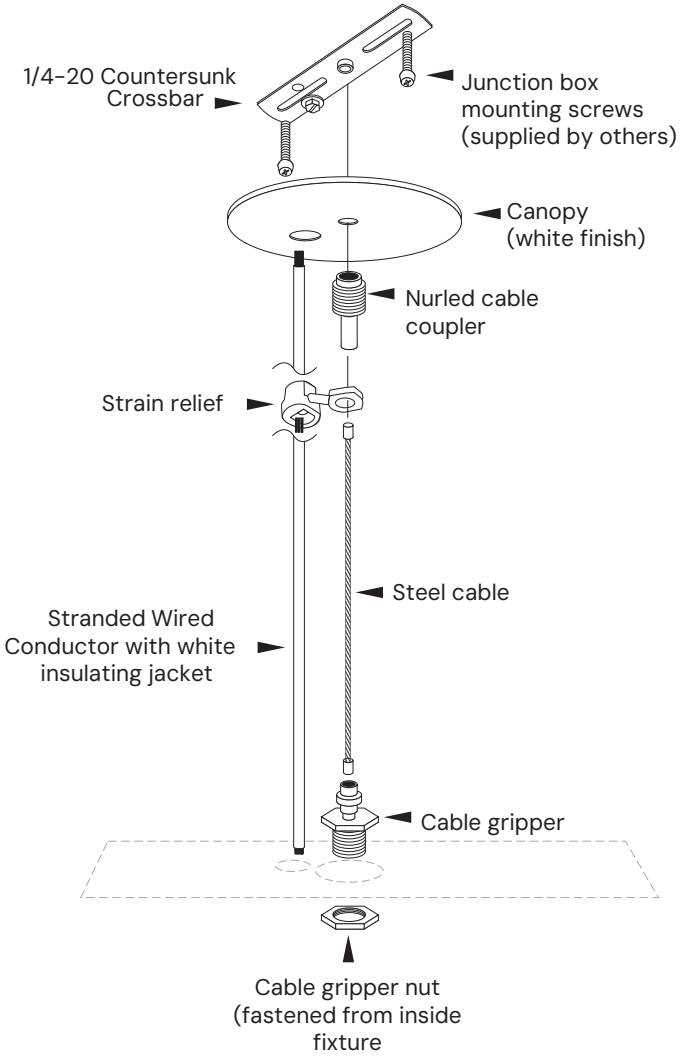
2101
0-10V Slide-to-Off Modern LED Dimmer Switch Single-Pole

2102
0-10V Modern LED Dimmer Switch 3-Way/Single-Pole

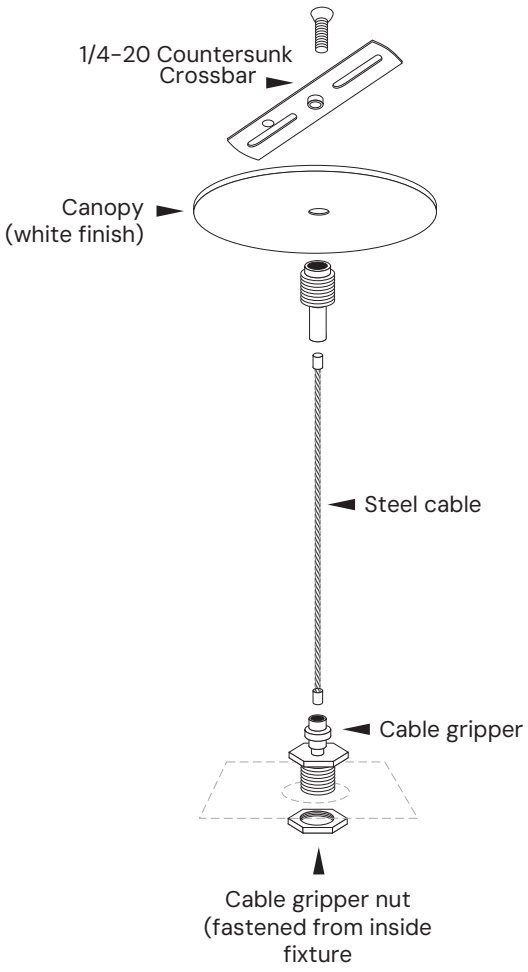
Mfg.	Model	Mfg.	Model	Mfg.	Model
Lutron	S-603PG	Lutron	DVELV-303P	Lutron	CT-103P
Leviton	IPI06-1LZ	Lutron	SELV-300P	Cooper	SLC03P
Leviton	6631-2	Leviton	6683-IW	Leviton	IPE04
Lutron	DVCL-153P	Leviton	6161	Lutron	MAELV-600
Lutron	DV-600P	Leviton	6633-P	Lutron	FAELV-500
Lutron	TGCL-153P	Lutron	TG-600P	Lightolier	ZP260QEW
Lutron	S-600P	Cooper	DLC03P	Cooper	DAL06P
Leviton	VPE06	Lutron	LG-600P	Leviton	IP710-DLZ

Pendant Mounting

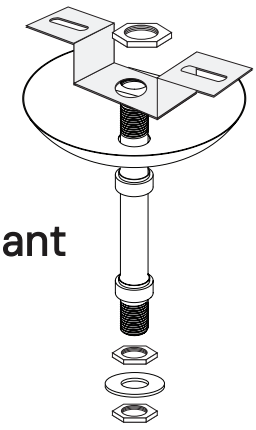
Pendant Cord Power Feed



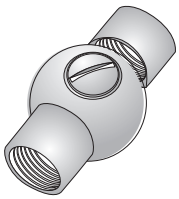
Pendant Cord Non- Power Feed



Rigid Pendant



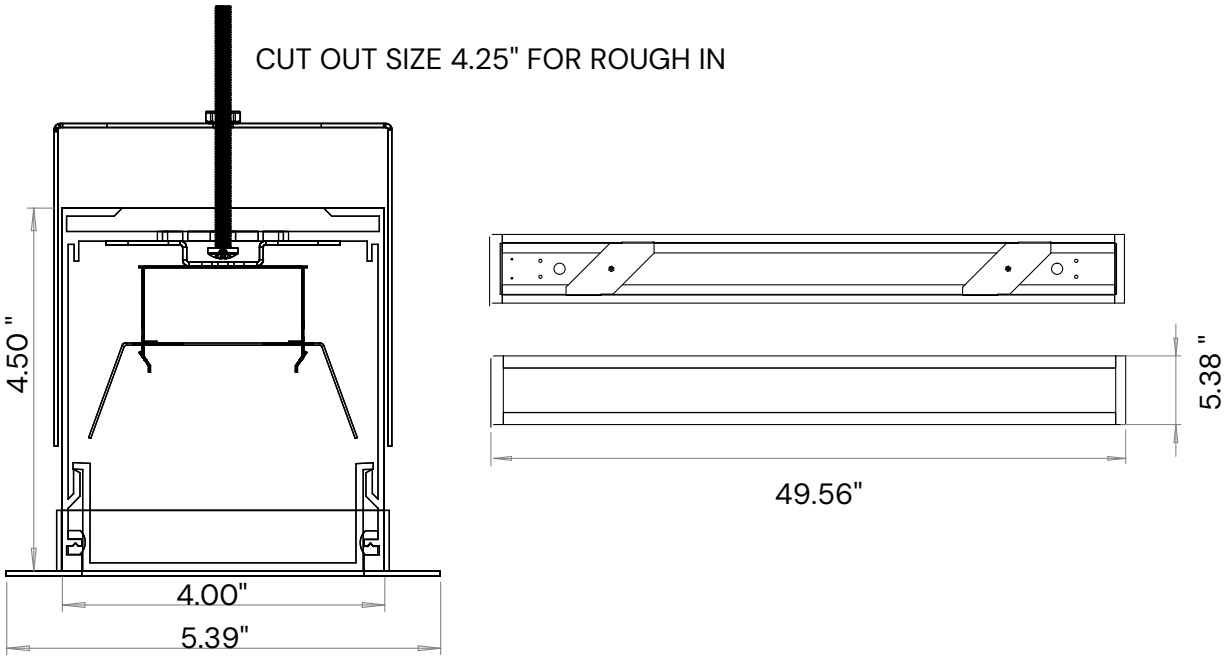
45 Degree Swivel



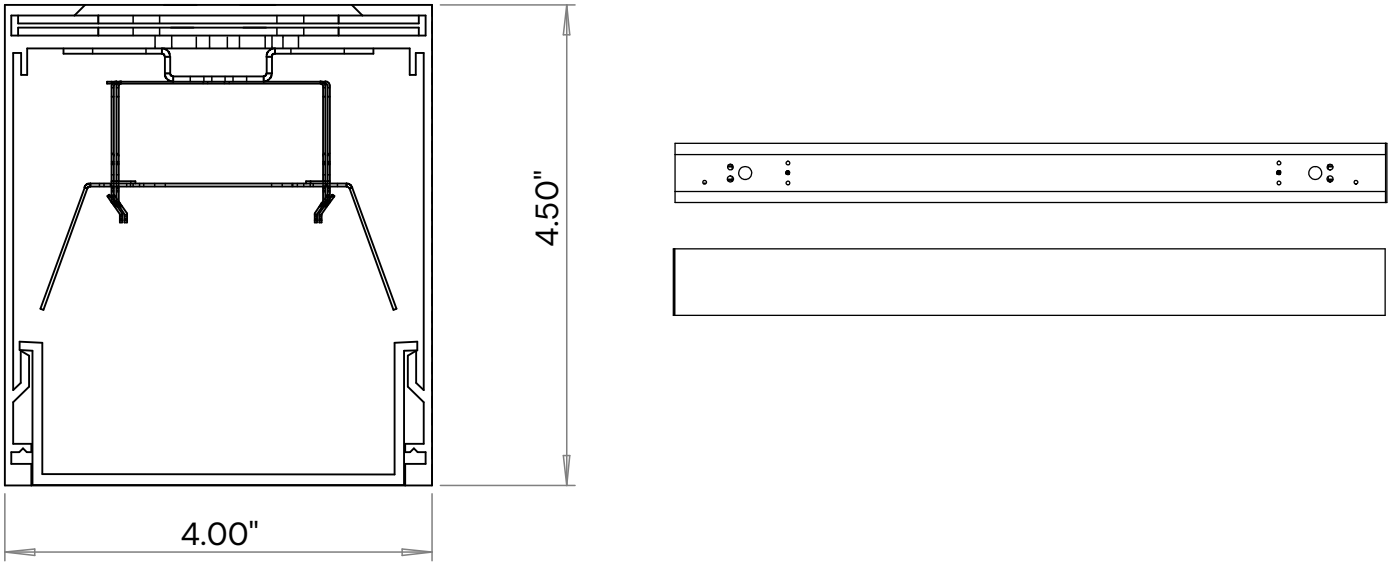
For hanging Straight from Angled Surfaces

Line drawings

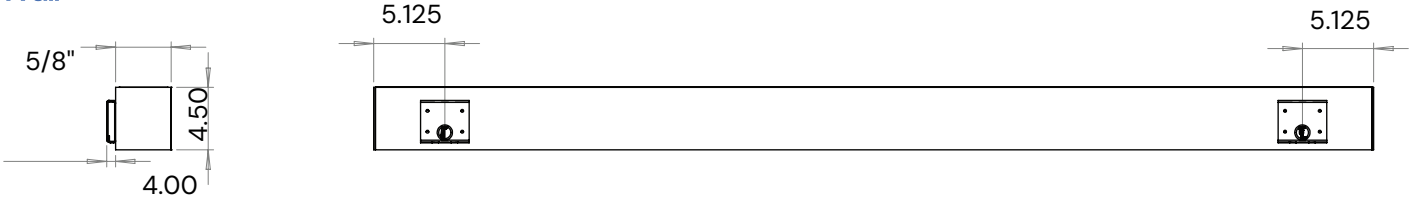
Recessed



Pendant & Surface

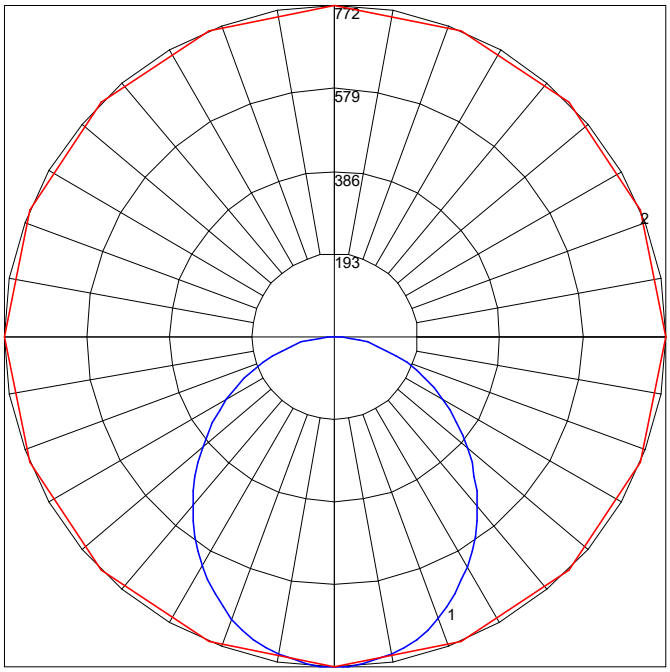


Wall

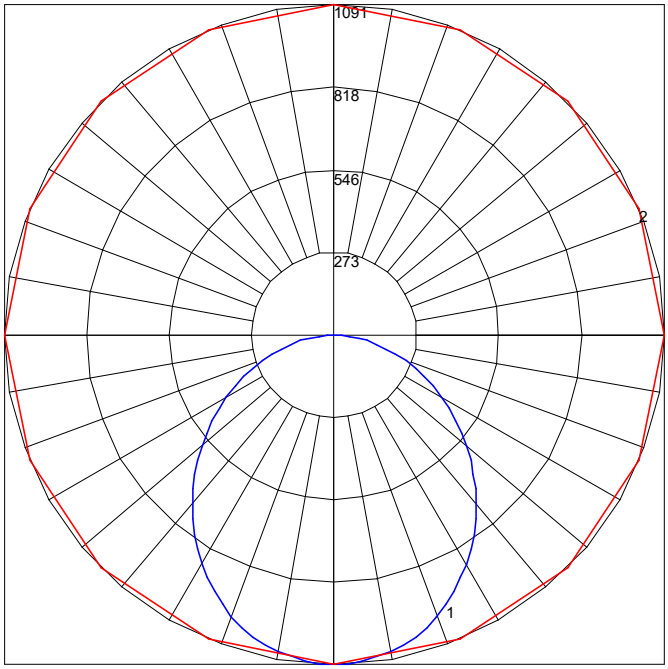


Photometry

12100-44-D3-S4-40K



12100-44-D4-S4-40K



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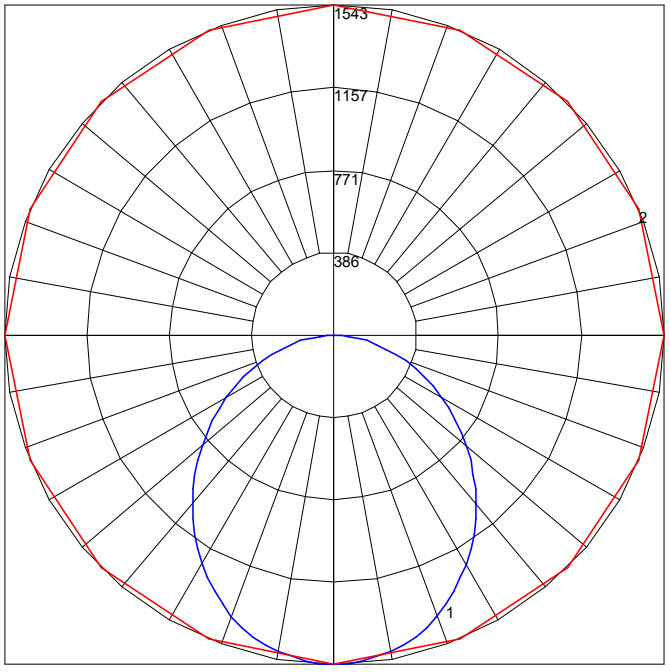
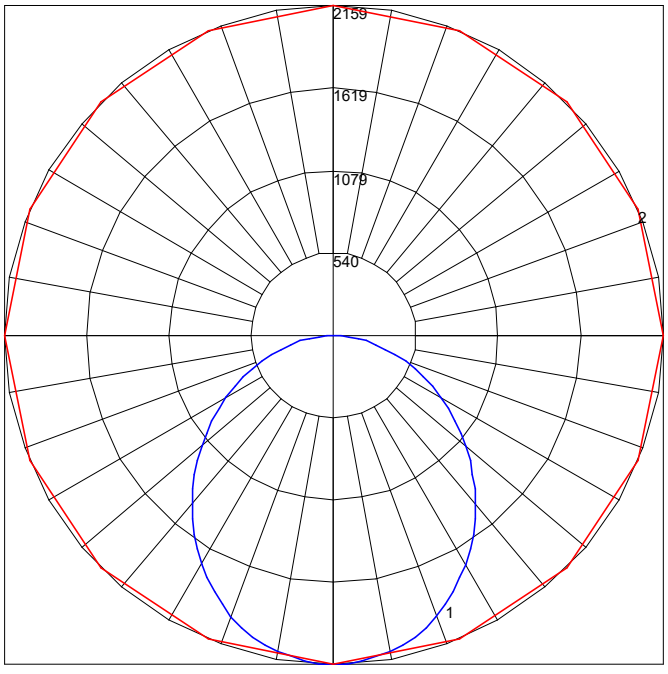


12100-44-D8-S4-40K



COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE GLOW	NEUTRAL GLOW	COOL WHITE GLOW	DAYLIGHT GLOW
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
X	✓	✓	✓	✓