RAB® DESIGN

SL2-LED20
LED Strip Light

SPECIFICATIONS	
Watts	20
Lumens	2448
Efficacy	121.4 Lm/W
Replaces Up To	2 Lamp T8 17W
Colour Temp**	Selectable - 3K, 4K, 5K
Certification	cULus, IP20
Operating Temp	-30˚C to +40˚C
Voltage	120-347V
LED Life (L70)	›100,000 hours
Housing Material	Steel
Lens Material	Polycarbonate
Lens Type	Frosted
Mounting	Surface mount, suspended mount using linear ceiling pendant mount kit.
Total Harmonic Distortion	5%
Power Factor	0.99
CRI	80
Internal Surge Protection	2KV
Weight	2.8 lbs

**Colour temperature is selectable and can be adjusted on the fixture through a switch. The default switch setting is set to 4K on the fixture.

DESCRIPTION

The SL2-LED20 strip light provides a highly efficient lumen output of approx. 2400 lumens ideal for replacing 2 Lamp T8 17W fixtures. The frosted linear lens provides uniform light distribution ideal for use in shops, coves and general area lighting.
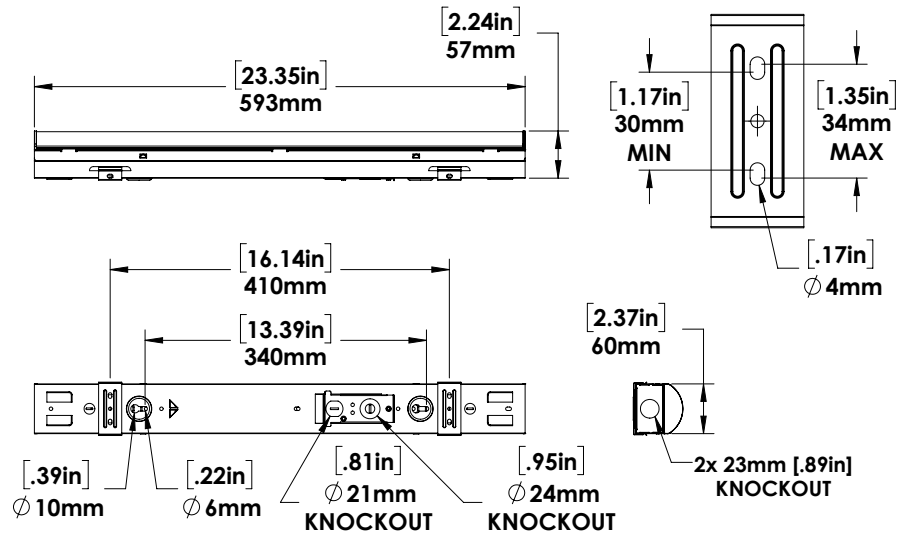
APPLICATIONS

Shops

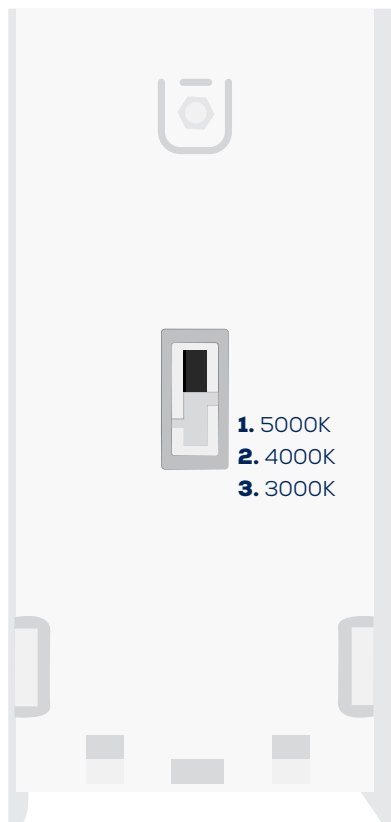**Cove Lighting**

General Area Lighting

FEATURES

• Fixture can be set at a colour temperature of 3000K, 4000K or 5000K while installing through a switch inside the housing

• Narrow, linear design with frosted lens for uniform light distribution

• Join up to 35 fixtures on a single circuit using easy connector steel plates. NOTE: Fixtures are daisy chained with line wires fished though the housing continuous row.

• Options: Dimming high frequency motion sensor, remote control, wire cage, reflector wings, linear ceiling pendant mount kit.

• Optional factory-installed smart lighting control available: Lutron Athena Wireless smart control allows zone and control changes digitally and wirelessly.
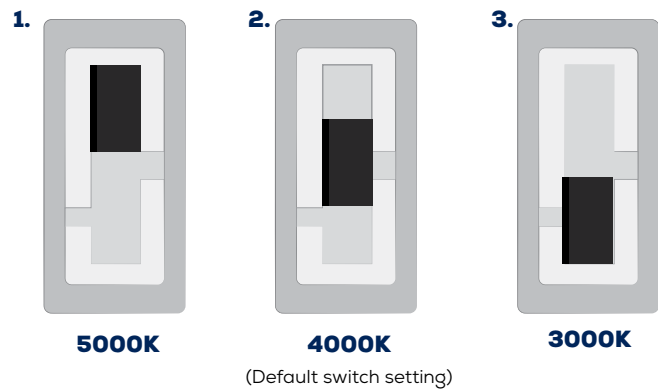
DIMENSIONS

[2.24in] 57mm

[23.35in] 593mm

[1.17in] 30mm MIN

[1.35in] 34mm MAX

[.17in] ⌀ 4mm

[16.14in] 410mm

[13.39in] 340mm

[2.37in] 60mm

[.39in] ⌀ 10mm

[.22in] ⌀ 6mm

[.81in] ⌀ 21mm KNOCKOUT

.95in ⌀ 24mm KNOCKOUT

2x 23mm [.89in] KNOCKOUT

Keyholes for suspended/ceiling mounting

COLOUR SELECTABLE SWITCH

1. 5000K
2. 4000K
3. 3000K

1. 5000K

2. 4000K (Default switch setting)

3. 3000K

Easily change the colour temperature with the flip of a switch.

1. TOP position = 5000K

2. MIDDLE position = 4000K

3. BOTTOM position = 3000K

The switch is located inside of the fixture.

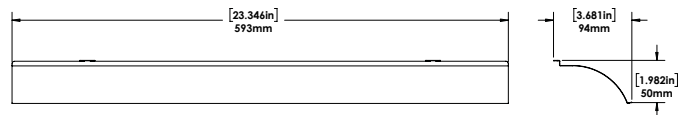# LINEAR CEILING PENDANT MOUNT KIT

Linear Ceiling Pendant Mount Kit

Contains 2 x 5 foot aircraft cables with
ceiling mounting plates, fixture mounting
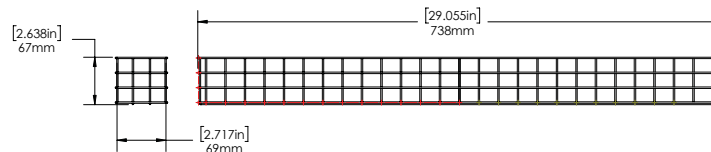rod and nut, 6 drywall anchors, and 6 screws.

SKU 089814

REFLECTOR WINGS

[23.346in]
593mm

[3.681in]
94mm

[1.982in]
50mm

Reflector Wings Kit – Wings attach by inserting tabs into the cutouts on the fixture
SKU 099560

WIRE CAGE

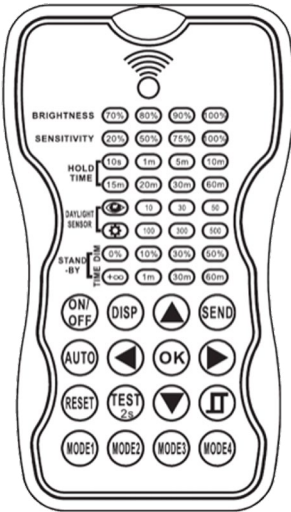[29.055in]
738mm

[2.638in]
67mm

[2.717in]
69mm

Wire Cage – To install, place wire cage over the fixture and screw the clips on to the mounting surface.
SKU 002270

DHFS MOTION SENSOR

Dimming High Frequency Motion Sensor is factory installed.

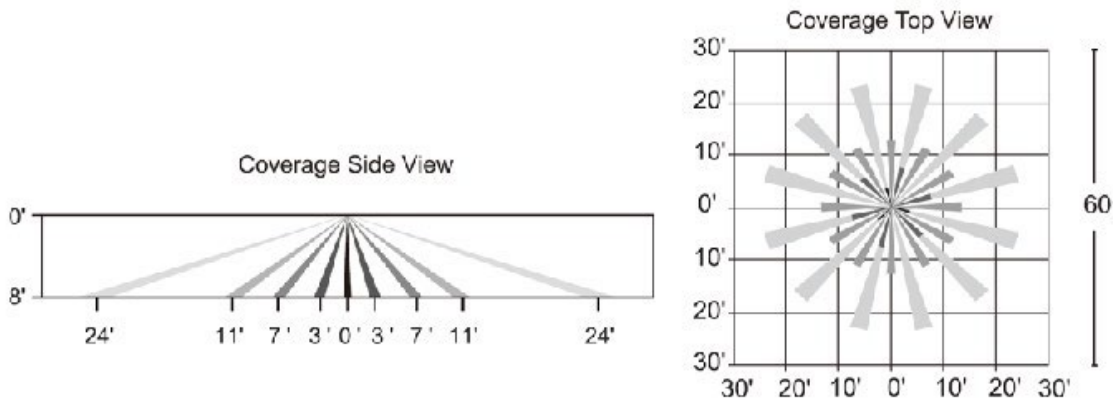| BRIGHTNESS	SENSITIVITY	HOLD TIME	DAYLIGHT SENSOR	STAND-BY DIM	STAND-BY TIME
100%	100%	5 minutes	Disabled	DIM: 30%	60 minutes

RC100 REMOTE

** Required additional purchase for custom configurations

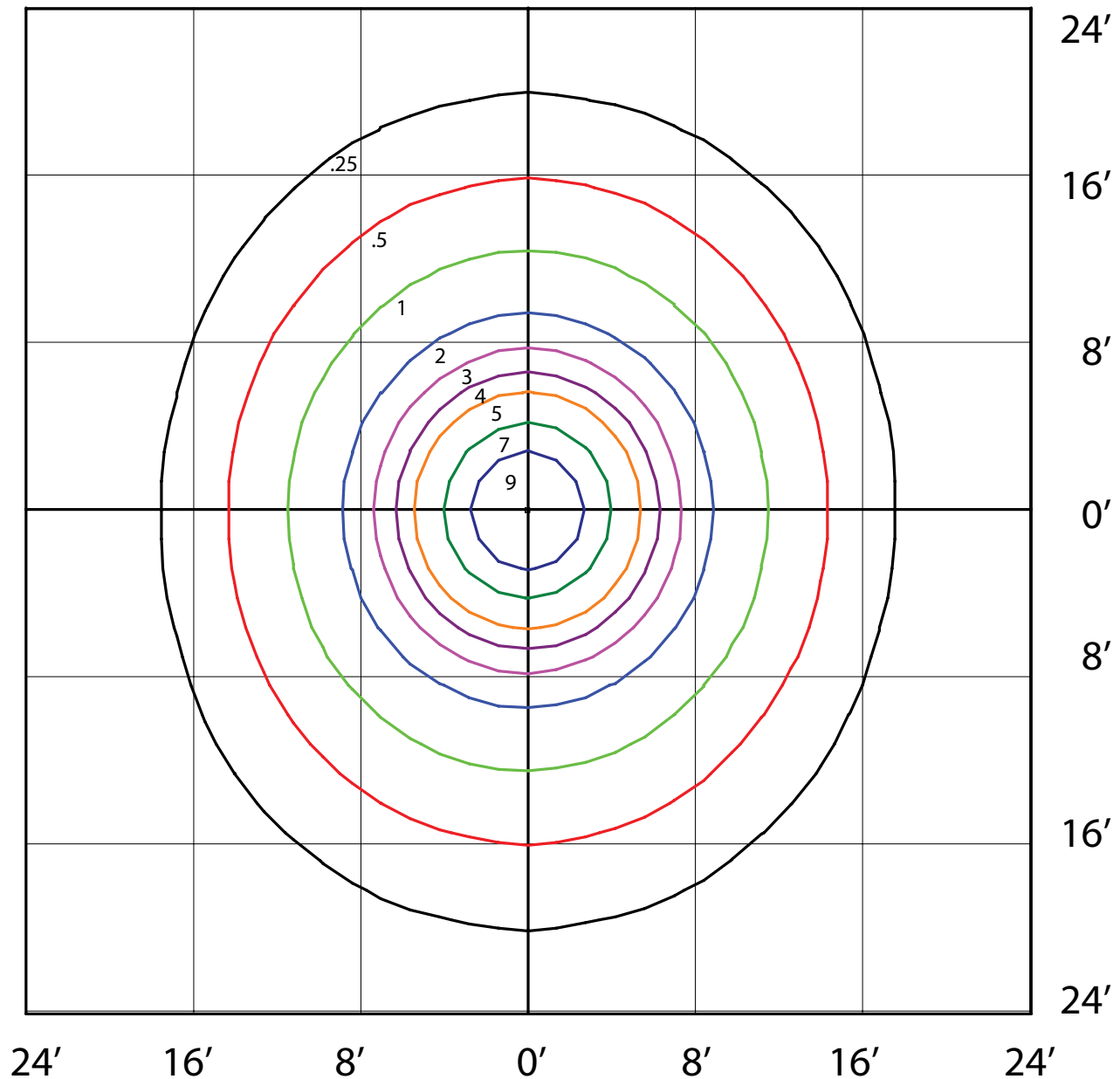| DHFS SENSOR SPECIFICATIONS	
POWER SUPPLY	100-277 VAC, SINGLE PHASE, 60HZ
	100-347 VAC, SINGLE PHASE, 60HZ
	208/230/480 VAC, PHASE TO PHASE, 60HZ
MAXIMUM LOAD	100-120 VAC, 800W, TUNGSTEN
	100-120 VAC, 800W, ELECTRONIC BALLAST/LED DRIVER
	230-240 VAC, 300W, ELECTRONIC BALLAST/LED DRIVER
	277 VAC, 1200W, ELECTRONIC BALLAST/LED DRIVER
	347 VAC, 1200W, ELECTRONIC BALLAST/LED DRIVER
	480 VAC, 480W, ELECTRONIC BALLAST/LED DRIVER
HIGH FREQUENCY SYSTEM	5.8GHZ +/-75MHZ
DIM CONTROL OUTPUT	0-10V DC DIMMING, 25MA
DETECTION RADIUS/ANGLE	MAX 8M (26FT) AT 360°
MOUNTING HEIGHT	MAX 6M (20FT)
HUMIDITY	MAX 95% RELATIVE HUMIDITY
OPERATING TEMP.	-40°C TO +70°C
CYCLES	200,000 ON/OFF CYCLES
CERTIFICATIONS	CRUUS, FCC
PROGRAMMING	WIRELESS PROGRAMMING USING RC-100 REMOTE

DHFS DETECTION RANGE & RADIUS/ANGLE

Coverage Side View

Coverage Top View

SL2-LED20-B-4K-DIM(SL2-LED20-B-VK-DIM
MOUNTED AT 8 FEET

Total Lumens = 2448   Mounting Height = 8 Ft   Maximum Calculated Value = 11.55 Fc

ORDERING GUIDE

SL2	LED20	H	VK	DIM	
	WATTS	**VOLTAGE**	**COLOUR TEMP.**	**DRIVER**	**CONTROLS**
		H - 120-347V*	VK - Colour Selectable (can be adjusted to 3K, 4K, or 5K)	DIM - 0-10V Dimming*	BLANK - No Controls* DHFS – Dimming High Frequency Sensor (factory installed inside the housing) AWNR - LUTRON SMART CONTROL**

*Standard Configuration.

**Factory installed Lutron Athena Wireless Node with RF only (A-WN-D01-RF-WH). Gateway and controller not included.

FIELD INSTALLED ACCESSORIES

CHECK THE ACCESSORIES YOU WISH TO ORDER:

089814 LINEAR CEILING PENDANT MOUNT KIT

002270 SL2-LED WIRE CAGE

099560 SL2-LED REFLECTOR WINGS KIT - WHT

087016 RC-100 MOTION SENSOR REMOTE CONTROL