RDSL0202 SERIES

LED Linear Strip Light

Project Name:	
Catalog Number:	
Notes:	

Product Description:

The Konlite RDSL0202 series LED Linear Strip light designed to deliver general lighting for new construction or replacement of fluorescent. Structured with a round shape frosted diffuser provides smooth illumination, top quality lighting solution that's ideal for general lighting. Offers an economical, power saving alternative to fluorescent. Available in 4 foot lengths.

Application:

General lighting for commercial, industrial, residential utility, garages, workshops, stairways, corridors and hallways, schools, retail centers.

Features:

Construction

Durable steel construction, White powder coat finish, The lightweight design makes for easy surface or suspension mount installation. Suitable for surface mount, celling mount or suspension mount.

Optics

Frosted acrylic diffuser provides wide light distribution and superior glare control. LEDs provide 80+ color rendering index (CRI) @ 4000K and 5000K.

Warranty

5-Year warranty.

Electrical

Long life LEDs system coupled with electrical drive to deliver optimal performance with 130 lumens per watt. Through wiring capable for end to end runs.
Universal voltage120- 277V.
Power factor>0.9.
THD<15%.
0-10V driver, dimming range 10%-100%.

Compliance

UL listed for dry location -40℃ to 45℃ (-40℉ to 113℉) ambient environments.
IP54 rated. DesignLights Consortium® Qualified and classified for DLC standard.

Ordering Information   Example: RDSL02020234KDBS4L

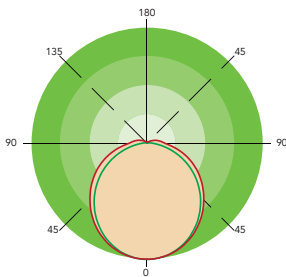| RDSL0202			D	
Series	Wattage	CCT	Dimming	Controls
RDSL0202	023 = 23W 035 = 35W 045 = 45W 070 = 70W	4K = 4000K 5K = 5000K	D=1-10V	N = Without Control BS = With Bi-level PIR motion sensor OS = With ON/OFF motion sensor Note: Motion sensor is field install external design

	L
Size	Input Voltage
4=4ft	L=120-277V

PERFORMANCE DATA

Photometric Data

Size	Watts(W)	Performance				Replacement
		Lumens (lm) @4000K	Efficacy (lm/W) @4000K	Lumens (lm) @5000K	Efficacy (lm/W) @5000K	
4FT	23	3,000	130	3,050	133	1 lamp T8 54W
	35	4,650	133	4,700	134	2 lamp T8 32W
	45	6,000	133	6,050	134	2 lamp T8 54W
	70	9,250	132	9,400	134	4 lamp T8 32W

General Light Distribution

Electrical Data

Wattage	Size	AC Input Current (A)			
		120V	208V	240V	277V
23	4FT	0.19	0.11	0.1	0.08
35		0.29	0.17	0.15	0.13
45		0.38	0.22	0.19	0.16
70		0.58	0.34	0.29	0.25

DLC INFORMATION

Part #	Watts (W)	CCT	DLC Product ID
RDSL02020235KDN4LF	23	5000K	PRER2A3R
RDSL02020234KDN4LF	23	4000K	PCGHQ6UN
RDSL02020355KDN4LF	35	5000K	PG94XSKS
RDSL02020354KDN4LF	35	4000K	PP7ZFUH5
RDSL02020455KDN4LF	45	5000K	PRS5AGCL
RDSL02020454KDN4LF	45	4000K	PZC1NFC0
RDSL02020705KDN4LF	70	5000K	P1E4DMWB

FIXTURE DIMENSIONS AND WEIGHT

unit: mm/inch

1219.2mm（48in.）
812.8mm（32in.）
73.2mm（2.88in.）
95.4mm（3.76in.）
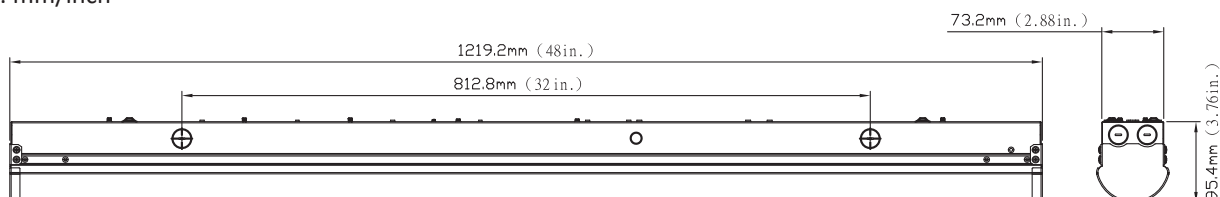
Weight

23W: 5.55lbs
35W: 5.75lbs
45W: 5.88lbs
70W: 6.13lbs

Rev. 10/27/22