

LED LIGHT BAR RETROFIT KITS

FIELD SELECTABLE | MULTIPLE CONFIGURATIONS



**FIELD SELECTABLE
WATTAGE & CCT**

**QUICK & EASY MAGNETIC
INSTALLATION**

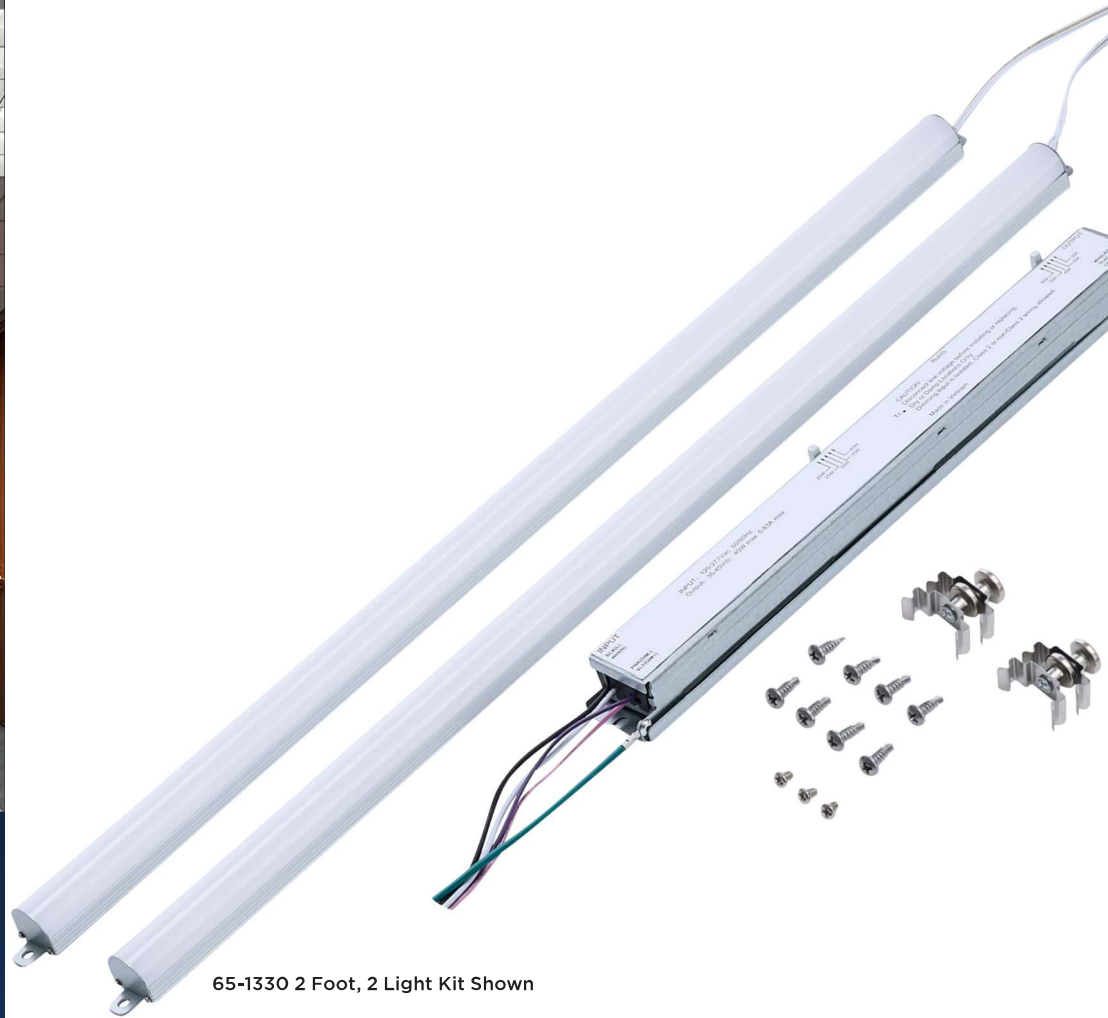
**REDUCES UPGRADE
MATERIAL WASTE**

FULLY PRE-WIRED DRIVER

**COMPATIBLE WITH MOST
TROFFER, STRIP, WRAP AND
LINEAR FIXTURES**

SUGGESTED APPLICATIONS

Commercial/Retail
Industrial
Hospitality
Offices/Schools
Warehouses
Hospitals



65-1330 2 Foot, 2 Light Kit Shown



SATCO|NUVO's Retrofit Lightbar Kits offer a highly flexible solution for upgrading existing fluorescent fixtures, delivering efficient LED performance in a wide range of applications. Designed to replace traditional T8 lamps, these kits make it easy to convert outdated fixtures into modern, energy-saving lighting systems without the need for a full fixture replacement. Available in multiple configurations with varying bar counts, lengths, and wattage-selectable options, each kit adapts to a wide range of existing fluorescent fixtures, including troffers, strips, wraps, and vapor tight housings. Selectable CCT from 3000K to 6500K allows for tailored illumination at installation, while 0-10V dimming provides additional control. Durable aluminum construction paired with a frosted polycarbonate lens ensures long-lasting performance and even light distribution. With a 5-year warranty and a 50,000-hour lifespan, these kits deliver reliable, high-quality illumination.

**120-
277V**

**0-10V
DIMMING**

**DAMP
LOCATION**

**50,000
HOURS**

**5YEAR
WARRANTY**

**TRUSTED
NB
WARRANTY**

GENERAL SPECIFICATIONS

Range Voltage: 120V-277V

Frequency: 50/60Hz

Power Factor: >0.9

THD: <20%

Dimmable: 0-10V dimmable down to 10%

Surge Protection Rating: 1kV

Efficacy: up to 125 LPW

CRI: 80+

CCT Selectable: 3000K/3500K/4000K/5000K/6500K

Beam Angle: 120°

Location Rating: Damp

Ambient Operating Temperature: -20°C (-4°F) to +45°C (+113°F)

Housing Construction: Aluminum

Lens Material: Polycarbonate

Lens Finish: Frosted

Functional Life: 50,000 Hours

Warranty: 5 Years

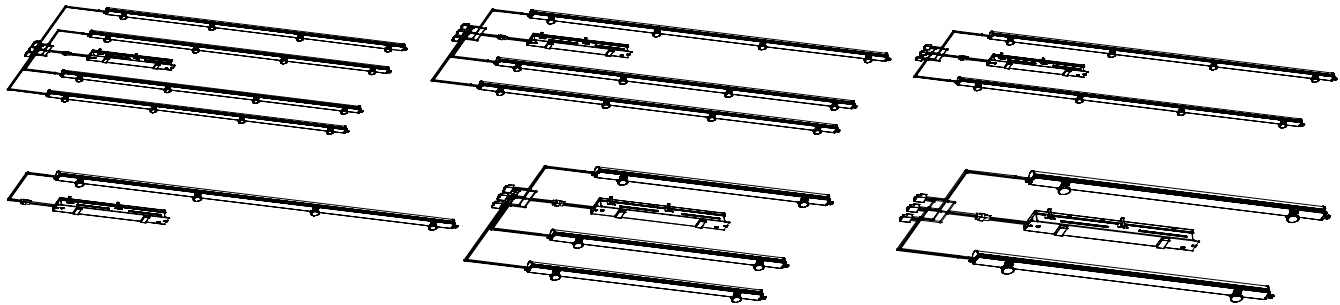
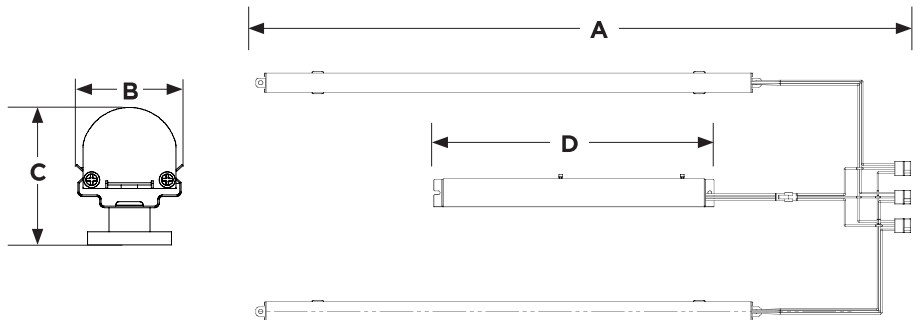


ITEM SPECIFICATIONS / ORDER INFO

Item	Size	# of Bars Included	Lumens	Wattage Selectable	Fluorescent Wattage Replacement	Input Current @120V/277V	DLC ID
65-1330	2FT	2	5000/4375/3750/3125/2500	40W/35W/30W/25W/20W	2 x 17W - T8	0.33-0.14/0.29-0.13/ 0.25-0.11/0.21-0.09/0.17-0.07A	S-S70F3T
65-1332	2FT	3	5000/4375/3750/3125/2500	40W/35W/30W/25W/20W	3 x 17W - T8	0.33-0.14/0.29-0.13/ 0.25-0.11/0.21-0.09/0.17-0.07A	S-7S1LMC
65-1333	4FT	1	3750/3125/2500/1875/1250	30W/25W/20W/15W/10W	1 x 32W - T8	0.25-0.11/0.21-0.09/ 0.17-0.07/0.13-0.05/0.08-0.04A	S-7JCG96
65-1334	4FT	2	6250/5625/5000/4375/3750	50W/45W/40W/35W/30W	2 x 32W - T8	0.42-0.18/0.38-0.16/ 0.33-0.14/0.29-0.13/0.25-0.11A	S-MRQVXP
65-1336	4FT	3	6250/5625/5000/4375/3750	50W/45W/40W/35W/30W	3 x 32W - T8	0.42-0.18/0.38-0.16/ 0.33-0.14/0.29-0.13/0.25-0.11A	S-8443ST
65-1337	4FT	4	6250/5625/5000/4375/3750	50W/45W/40W/35W/30W	4 x 32W - T8	0.42-0.18/0.38-0.16/ 0.33-0.14/0.29-0.13/0.25-0.11A	S-H5R6D6

DIMENSIONS / WEIGHTS

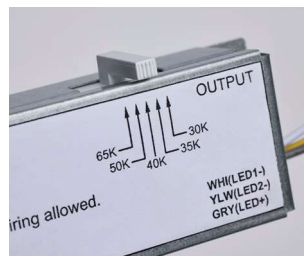
Item	Length (A)	Width (B)	Height (C)	Driver Length (D)	Weight
65-1330	20.87"	0.93"	1.19"	11.56"	1.10 Lbs.
65-1332	20.87"	0.93"	1.19"	11.56"	1.40 Lbs.
65-1333	41.73"	0.93"	1.19"	11.56"	1.10 Lbs.
65-1334	41.73"	0.93"	1.19"	11.56"	1.60 Lbs.
65-1336	41.73"	0.93"	1.19"	11.56"	2.10 Lbs.
65-1337	41.73"	0.93"	1.19"	11.56"	2.60 Lbs.



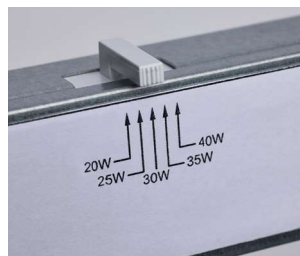
FEATURES



Smooth Frosted Lens



CCT Selectable Switch & Wattage Selectable Switch



Magnetic Feet and Screw Tabs for Quick Alignment

OPTIONAL ACCESSORIES

Item	FOR USE WITH ALL SKUS	
86-202R	ADD-ON MICROWAVE SENSOR; 120-277 VOLT	
86-211	ADD ON PIR SENSOR; WHITE FINISH; 120-277 VOLT	
86-214	PROGRAMMING REMOTE FOR MICROWAVE SENSOR 86-202R	
86-224	10kV SURGE PROTECTOR; 100-277 VOLT	

PHOTOMETRICS

SATCO Item: 65-1330

Description: LBR40WSL2B2/8CCT5/DIMU
Default PowerQuick Setting: 40W
Default ColorQuick Setting: 4000K
5186 LM, 40 W, 130 LPW
Beam Angle: 157°
Field Angle: 166°
Spacing Criteria (0°-180°): 1.24
Spacing Criteria (90°-270°): 1.38

Candela Polar Plot

Max Candela = 2128

Zonal Lumens		
Zone	Lumens	%Luminaire
0-30°	1030	19.9%
0-40°	1713	33.0%
0-60°	3191	61.5%
0-90°	4736	91.3%
90-180°	449	8.7%
0-180°	5186	100.0%

Illumination at Distance

Distance	Center Beam	Beam Spread
4ft	81fc	39.5ft
8ft	20fc	79.0ft
12ft	9fc	119ft
16ft	5fc	158ft
20ft	3fc	198ft

Lumen Multipliers				
3000K	3500K	4000K	5000K	6500K
0.96	0.96	1.00	0.96	0.96

20W	25W	30W	35W	40W
0.50	0.63	0.75	0.88	1.00

SATCO Item: 65-1332

Description: LBR40WSL3B2/8CCT5/DIMU
Default PowerQuick Setting: 40W
Default ColorQuick Setting: 4000K
5129 LM, 40 W, 128 LPW
Beam Angle: 134°
Field Angle: 164°
Spacing Criteria (0°-180°): 1.24
Spacing Criteria (90°-270°): 1.39

Candela Polar Plot

Max Candela = 1433

Zonal Lumens		
Zone	Lumens	%Luminaire
0-30°	1130	22.0%
0-40°	1883	36.7%
0-60°	3492	68.1%
0-90°	4834	94.3%
90-180°	295	5.7%
0-180°	5129	100.0%

Illumination at Distance

Distance	Center Beam	Beam Spread
4ft	89fc	18.7ft
8ft	22fc	37.3ft
12ft	10fc	56.0ft
16ft	6fc	74.7ft
20ft	4fc	93.4ft

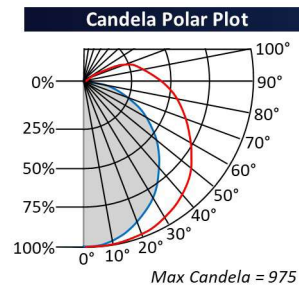
Lumen Multipliers				
3000K	3500K	4000K	5000K	6500K
0.96	0.96	1.00	0.96	0.96

20W	25W	30W	35W	40W
0.50	0.63	0.75	0.88	1.00

PHOTOMETRICS CONT'D

SATCO Item: 65-1333

Description: LBR30WSL1B4/8CCT5/DIMU
 Default PowerQuick Setting: 30W
 Default ColorQuick Setting: 4000K
 3973 LM, 30 W, 132 LPW
 Beam Angle: 161°
 Field Angle: 169°
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.38



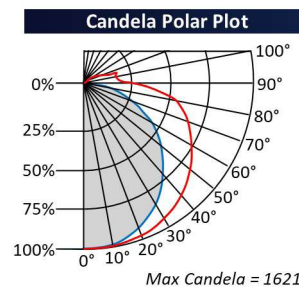
Zonal Lumens		
Zone	Lumens	%Luminaire
0-30°	766	19.3%
0-40°	1275	32.1%
0-60°	2373	59.7%
0-90°	3570	89.8%
90-180°	403	10.2%
0-180°	3793	100.0%

Illumination at Distance		
Distance	Center Beam	Beam Spread
4ft	61fc	48.1ft
8ft	15fc	96.1ft
12ft	7fc	144ft
16ft	4fc	192ft
20ft	2fc	240ft

Lumen Multipliers									
3000K	3500K	4000K	5000K	6500K	10W	15W	20W	25W	30W
0.96	0.96	1.00	0.96	0.96	0.33	0.50	0.67	0.83	1.00

SATCO Item: 65-1334

Description: LBR50WSL2B4/8CCT5/DIMU
 Default PowerQuick Setting: 50W
 Default ColorQuick Setting: 4000K
 6454 LM, 50 W, 129 LPW
 Beam Angle: 157°
 Field Angle: 170°
 Spacing Criteria (0°-180°): 1.24
 Spacing Criteria (90°-270°): 1.39



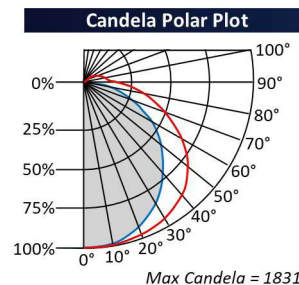
Zonal Lumens		
Zone	Lumens	%Luminaire
0-30°	1278	19.8%
0-40°	2128	33.0%
0-60°	3977	61.6%
0-90°	5916	91.7%
90-180°	538	8.3%
0-180°	6454	100.0%

Illumination at Distance		
Distance	Center Beam	Beam Spread
4ft	101fc	39.9ft
8ft	25fc	79.8ft
12ft	11fc	120ft
16ft	6fc	160ft
20ft	4fc	200ft

Lumen Multipliers									
3000K	3500K	4000K	5000K	6500K	30W	35W	40W	45W	50W
0.96	0.96	1.00	0.96	0.96	0.60	0.70	0.80	0.90	1.00

SATCO Item: 65-1336

Description: LBR50WSL3B4/8CCT5/DIMU
 Default PowerQuick Setting: 50W
 Default ColorQuick Setting: 4000K
 6550 LM, 50 W, 131 LPW
 Beam Angle: 133°
 Field Angle: 166°
 Spacing Criteria (0°-180°): 1.25
 Spacing Criteria (90°-270°): 1.39



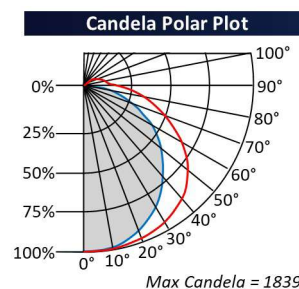
Zonal Lumens		
Zone	Lumens	%Luminaire
0-30°	1440	22.0%
0-40°	2399	36.6%
0-60°	4445	67.9%
0-90°	6160	94.0%
90-180°	390	6.0%
0-180°	6550	100.0%

Illumination at Distance		
Distance	Center Beam	Beam Spread
4ft	113fc	18.4ft
8ft	28fc	36.8ft
12ft	13fc	55.2ft
16ft	7fc	73.6ft
20ft	5fc	92.0ft

Lumen Multipliers									
3000K	3500K	4000K	5000K	6500K	30W	35W	40W	45W	50W
0.96	0.96	1.00	0.96	0.96	0.60	0.70	0.80	0.90	1.00

SATCO Item: 65-1337

Description: LBR50WSL4B4/8CCT5/DIMU
 Default PowerQuick Setting: 50W
 Default ColorQuick Setting: 4000K
 6564 LM, 50 W, 131 LPW
 Beam Angle: 132°
 Field Angle: 164°
 Spacing Criteria (0°-180°): 1.25
 Spacing Criteria (90°-270°): 1.39



Zonal Lumens		
Zone	Lumens	%Luminaire
0-30°	1451	22.1%
0-40°	2418	36.8%
0-60°	4474	68.2%
0-90°	6152	93.7%
90-180°	412	6.3%
0-180°	6564	100.0%

Illumination at Distance		
Distance	Center Beam	Beam Spread
4ft	114fc	18.1ft
8ft	29fc	36.1ft
12ft	13fc	54.2ft
16ft	7fc	72.3ft
20ft	6fc	90.3ft

Lumen Multipliers									
3000K	3500K	4000K	5000K	6500K	30W	35W	40W	45W	50W
0.96	0.96	1.00	0.96	0.96	0.60	0.70	0.80	0.90	1.00

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

IMPORTANT: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Meets requirements of ICES-005 issue 5 class A for use in commercial applications.

May not be compatible with all dimmers. See satco.com for details.

Replacement wattage shown depends on application and fixture.

Specifications are subject to change without prior notice.

Visit satco.com/service/warranty for complete warranty details.