

S20RS LED STRIP

3 CCT AND 3 POWER SELECTABLE OPTIONAL EMERGENCY REMOTE

The S20RS series of versatile LED strips are designed to deliver efficient and high impact illumination. These luminaires feature a rounded lens that evenly diffuses the light and an innovative housing built for quick and easy installation. Whether for retrofit or new construction, the S20RS series is the ideal choice for a variety of commercial and industrial applications.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Sleek two-part housing design with tool-less entry
- Safety cables placed between lens compartment and housing for easy installation and maintenance
- CCT and Power Selectable switches are placed discretely inside the housing
- 24 gauge semi-gloss white or matte black powder painted steel
- Frosted PMMA lens

Mounting

- Surface, suspended or row mounted (see accessories)
- V-Hooks and canopy plate for junction box are included

PERFORMANCE DATA

- Available in 3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 156 000 hours to L70
- 0-10 V dimming standard with 12 V auxiliary output
- 2.5 kV surge protection
- Operating temperature:
 - 20 °C to 50 °C [-4 °F to 122 °F] For S20RS-48LP80-32/3C and S20RS-96LP142-32/3C;
 - 20 °C to 40 °C [-4 °F to 104 °F]
- Operating temperature with BRIDGE or Emergency battery backup:
 - 20 °C to 25 °C [-4 °F to 77 °F]

OPTIONAL EMERGENCY LIGHTING

BRIDGE Normally ON Emergency Remote LED Strip

- Consuming 11 W, 12 - 24 VDC
- 200 mA constant current
- Delivers 1 222 - 1 344 lumens in emergency mode
- Ease of maintenance when used with AimLite emergency lighting battery units complete with auto test function
- Complements AimLite's normally ON LED Strip family
- Patent pending

Please view the BRIDGE specification section for more details on this technology

EMERGENCY LIGHTING COMPLIANCES

- CSA certified as a C22.2 C141-15 emergency lighting luminaire
- Meets ICES-005 requirements

COMPLIANCE

- UL listed for Canada and USA for damp locations
- DLC Premium and Standard
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	131 - 160
WATTS (W)	20, 35, 56 18/25/30, 25/30/40, 34/38/45, 44/60/80, 65/75/90, 112/126/142	COLOR TEMPERATURE (K)	3 500/4 000/5 000
LUMEN OUTPUT (LM)	2 520 - 20 732	CRI	80+
             			

¹ 5 year warranty for the BRIDGE module.

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



PART NUMBER	WATTS [W]	VOLTS [V AC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM]	EFFICIENCY [LM/W]	CRI	LIFE L70 [HRS] ⁴	TESTED HOURS LM-80 [HRS] ⁴	FINISH	PF	THD [%]	MASTER CASE QTY
24" CCT SELECTABLE												
S20RS-24LA1-32/3C	20	120-347	3 500/4 000/5 000	2 640 ²	132	80+	156 000	10 000	WHITE	0.90	10	6
36" CCT AND POWER SELECTABLE												
S20RS-36LP30-32/3C	18/25/30	120-347	3 500/4 000/5 000	2 700/3 650/ 4260 ³	132	80+	156 000	10 000	WHITE	0.90	10	6
48" CCT AND POWER SELECTABLE												
S20RS-48LP40-32/3C	25/30/40	120-347	3 500/4 000/5 000	3 875/4 500/5 680 ³	132	80+	156 000	10 000	WHITE	0.90	10	6
S20RS-48LP45-32/3C	34/38/45	120-347	3 500/4 000/5 000	5 270/5 776/6 660 ³	138	80+	156 000	10 000	WHITE	0.90	10	6
S20RS-48LP45323CBK	34/38/45	120-347	3 500/4 000/5 000	4 964/5 434/6 300 ³	140	80+	156 000	9 000	BLACK	0.90	10	6
S20RS-48LP80-32/3C	44/60/80	120-347	3 500/4 000/5 000	6 864/9 600/12 400 ³	155	80+	156 000	9 000	WHITE	0.90	10	6
48" CCT SELECTABLE												
S20RS-48LA1-32/3C	35	120-347	3 500/4 000/5 000	4 620 ²	132	80+	156 000	10 000	WHITE	0.90	10	6
S20RS-48LA2-32/3C	56	120-347	3 500/4 000/5 000	7 392 ²	132	80+	156 000	10 000	WHITE	0.90	10	6
96" CCT AND POWER SELECTABLE												
S20RS-96LP90-32/3C	65/75/90	120-347	3 500/4 000/5 000	9 750/11 100/12 780 ³	135	80+	156 000	10 000	WHITE	0.90	10	1
S20RS-96LP90323CBK	65/75/90	120-347	3 500/4 000/5 000	9 035/10 275/12 150 ³	135	80+	156 000	9 000	BLACK	0.90	10	1
S20RS-96LP142-323C	112/126/142	120-347	3 500/4 000/5 000	16 800/18 648/20 732 ³	135	80+	156 000	9 000	WHITE	0.90	10	1

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from DLC reported data at 3 500 K. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

LUMEN SPECIFICATION TABLE

PART NUMBER	WATTS [W]	3 500 K		4 000 K		5 000 K	
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]
S20RS-24LA1-32/3C	20	2 640	132	2 800	140	2 640	132
S20RS-36LP30-32/3C	18	2 520	140	2 700	150	2 556	142
	25	3 400	136	3 650	146	3 450	138
	30	3 960	132	4 260	142	4 020	134
S20RS-48LP40-32/3C	25	3 625	151	3 875	155	3 675	147
	30	4 200	140	4 500	150	4 260	142
	40	5 280	132	5 680	142	5 360	134
S20RS-48LP45-32/3C	34	4 930	145	5 270	155	4 998	147
	38	5 396	142	5 776	152	5 472	144
	45	6 210	138	6 660	148	6 300	140
S20RS-48LP45323CBK	34	4 624	136	4 964	146	4 624	136
	38	5 054	133	5 434	143	5 054	133
	45	5 850	130	6 300	140	5 850	130
S20RS-48LP80-32/3C	44	6 820	155	6 864	156	6 820	155
	60	9 000	150	9 600	160	9 000	150
	80	11 600	145	12 400	155	11 600	145
S20RS-48LA1-32/3C	35	4 620	132	5 110	146	4 830	138
S20RS-48LA2-32/3C	56	7 392	132	7 784	139	7 336	131
S20RS-96LP90-32/3C	65	9 100	140	9 750	150	9 230	142
	75	10 350	138	11 100	148	10 500	140
	90	12 150	135	12 780	142	12 060	134
S20RS-96LP90323CBK	65	8 710	145	16 800	150	8 710	134
	75	9 900	132	10 275	137	9 900	132
	90	11 700	130	12 150	135	11 700	130
S20RS-96LP142-323C	112	16 240	145	16 800	150	16 352	146
	126	18 018	143	18 646	148	18 144	144
	142	20 022	141	20 732	146	20 164	142

DEFAULT PROGRAMMING

S20RS-24LA1-32/3C: 4 000 K
 S20RS-36LP30-32/3C: 30 W / 4 000 K
 S20RS-48LP40-32/3C: 40 W / 4 000 K
 S20RS-48LP45-32/3C: 45 W / 4 000 K
 S20RS-48LP45323CBK: 45 W / 4 000 K
 S20RS-48LP80-32/3C: 80 W / 4 000 K
 S20RS-48LA1-32/3C: 4 000 K
 S20RS-48LA2-32/3C: 4 000 K
 S20RS-96LP90-32/3C: 75 W / 4 000 K
 S20RS-96LP90323CBK: 90 W / 4 000 K
 S20RS-96LP142-323C: 142 W / 4 000 K

DLC UNIQUE ID TABLE

PART NUMBER	DLC PREMIUM UNIQUE ID	DLC STANDARD UNIQUE ID	DLC STANDARD UNIQUE ID
	STAIRWELL	LINEAR AMBIENT	LOW / HIGH BAY
S20RS-24LA1-32/3C	S-13B6UE	S-H2NRPO	-
S20RS-36LP30-32/3C	S-C4UKEN	S-2Y90SZ	-
S20RS-48LP40-32/3C	S-QTC7XP	S-TZ8U63	S-JCDBT2
S20RS-48LP45-32/3C	S-RVNGYD	S-C20EL4	S-RL3PG1
S20RS-48LP45323CBK	S-NCV3WP	S-F3MB9L	S-L14CFL
S20RS-48LP80-32/3C	S-4BSLVV	S-H9BKGW	S-KTYCRX
S20RS-48LA1-32/3C	S-HW7C8T	S-WSQGLQ	S-TG5HCQ
S20RS-48LA2-32/3C	S-TZ8U63	S-RVNGYD	S-YBSWNW
S20RS-96LP90-32/3C	S-JFWLHS	S-SDCOXF	S-58FDFP
S20RS-96LP90323CBK	S-QSSD36	S-7X9K3X	S-XK1KG7
S20RS-96LP142-323C	S-5DFXWM	S-HJP19F	S-9S6VY5

CONFIGURABLE ORDERING GUIDE

S20RS	—	L	—	/	3C	/
SERIES	SIZE	LAMP TYPE	LUMEN PACKAGE (W) ¹	VOLTS (V)	COLOR TEMP. (K)	OPTIONS
S20RS	24 - 24"	L - LED	A1 - 20	32 - 120 - 347 2 - 120 - 277 ³	3C - 3 500/4 000/5 000	EL - BRIDGE NORMALLY ON EMERGENCY REMOTE ^{4,5} DL - 8 W EMERGENCY BATTERY BACKUP (120-277 V ONLY) ⁶
	48 - 48"		P40 - 25/30/40 P45 - 34/38/45 ² A2 - 56			
	96 - 96"		P90 - 65/75/90 ²			

¹ See IES files or LUMEN SPECIFICATION TABLE for details.

² Only available for white finish luminaires.

³ Only available for 48" and 96" luminaires when used with DL option.

⁴ When in Emergency Mode with EL option, half of the 96" luminaire will remain illuminated.

⁵ When in Emergency Mode with EL option, luminaire only consumes 11 W.

⁶ Only available for 48" and 96" luminaires in 120-277 V.

BRIDGE TECHNICAL SPECIFICATION TABLE

SIZE	LUMEN PACKAGE	WATTS [W]	BRIDGE WATTS [W]	BRIDGE LUMEN OUTPUT [LM]
24"	LA1	20	11	1 257
48"	LP40	25		1 294
		30		1 291
		40		1 222
		34		1 344
	LP45	38		1 322
		45		1 268
		56		1 223
	LA2	65		1 295
96"	LP90	75		1 241
		90		1 242

EMERGENCY BATTERY BACKUP SPECIFICATION TABLE

SIZE	LUMEN PACKAGE	WATTS [W]	EMERGENCY BATTERY BACKUP WATTS [W]	EMERGENCY BATTERY BACKUP LUMEN OUTPUT [LM]	DISCHARGE TIME [MIN.]	RECHARGE TIME [HRS]
48"	LP40	25	8	1 035	≥ 90	≥ 24
		30		1 033		
		40		978		
		34		1 075		
	LP45	38		1 057		
		45		1 014		
		56		965		
	LS2	65		1 036		
96"	LP90	75		993		
		90		994		



Standard placement of the test switch and indicator light is on the end cap of the luminaire. For alternative placement, please contact your AimLite customer service representative.

ACCESSORIES (order separately)

PART NUMBER	TYPE
BKT347-A	SUSPENSION KIT - 2 CHAINS (1 M)
KIT-STRIPS-AC10-WH	10' COMPLETE AIRCRAFT CABLE KIT WITH 5-WIRE POWER FEED AND 2 CANOPIES - WHITE
KIT-STRIPS-AC10-BK	10' COMPLETE AIRCRAFT CABLE KIT WITH 5-WIRE POWER FEED AND 2 CANOPIES - BLACK
KIT-STRIPSAC10-NCW	10' SINGLE SIDE AIRCRAFT CABLE WITH CANOPY (NON-POWER FEED) - WHITE
KIT-STRIPSAC10-NCB	10' SINGLE SIDE AIRCRAFT CABLE WITH CANOPY (NON-POWER FEED) - BLACK
BKT918	CONTINUOUS ROW MOUNTING CONNECTOR - WHITE
BKT918-BK	CONTINUOUS ROW MOUNTING CONNECTOR - BLACK
BKT912	TRANSPARENT END CAPS (SET OF 2)
WGD912-2FT	WIRE GUARD KIT 24" - WHITE
WGD912-4FT	WIRE GUARD KIT 48" - WHITE ¹
REF693-4	REFLECTOR WINGS KIT 48" - WHITE ¹
LEN403-2	REPLACEMENT LENS 24"
LEN403-3	REPLACEMENT LENS 36"
LEN403-4	REPLACEMENT LENS 48"
LEN403-8	REPLACEMENT LENS 96"

¹For 96" luminaires, order 2 units.

INCLUDED IN THE BOX



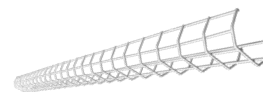
REF693-4 [48"]
REFLECTOR WINGS KIT



BKT347-A
SUSPENSION KIT - 2 CHAINS (1 M)



BKT912
TRANSPARENT END CAPS
(SET OF 2)



WGD912-2FT [24"] /
WGD912-4FT [48"]
WIRE GUARD KITS



BKT918 [WHITE] /
BKT918-BK [BLACK]
CONTINUOUS ROW MOUNTING
CONNECTORS



KIT-STRIPS-AC10-WH [WHITE] /
KIT-STRIPS-AC10-BK [BLACK]
10' COMPLETE AIRCRAFT CABLE KITS WITH
5-WIRE POWER FEED AND 2 CANOPIES



KIT-STRIPSAC10-NCW [WHITE] /
KIT-STRIPSAC10-NCB [BLACK]
10' SINGLE SIDE AIRCRAFT CABLES
WITH CANOPY (NON-POWER FEED)



LEN403-2 [24"] / LEN403-3 [36"] /
LEN403-4 [48"] / LEN403-8 [96"]
REPLACEMENT LENSES

TRANSPARENT END CAPS

Our transparent end caps accessory is the perfect option for creating a seamless and consistent run of light when the S20RS LED strips are mounted in a continuous row. This accessory can also be used for regular installations (non-row mounted) to create a unique and pleasant 360° illumination!



TRANSPARENT
END CAPS

STANDARD
END CAPS

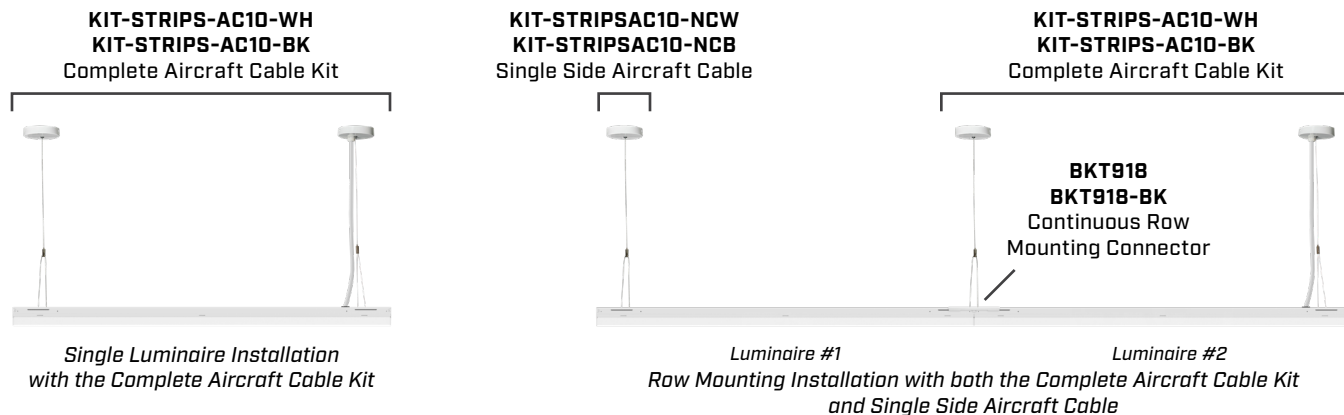


AIRCRAFT CABLE KITS

The aircraft cable kits combine both style and function for a finished look and are offered in two distinct versions.

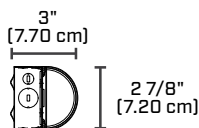
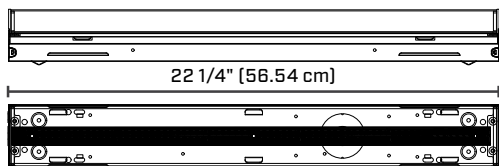
The complete aircraft cable kits [KIT-STRIPS-AC10-WH / KIT-STRIPS-AC10-BK] are an all-in-one solution that includes a set of two 10-foot aircraft cables, a 10-foot 5-wire power cord, two canopies and all necessary installation hardware.

The single side aircraft cables [KIT-STRIPSAC10-NCW / KIT-STRIPSAC10-NCB] are primarily designed for row mounting applications when used with the complete aircraft cable kits, to allow for multiple luminaires to be powered by a single power feed and as support point when joining luminaires together. They may also be used solely for suspension when an alternative power feed is used such as a BX cable. These kits include a single 10-foot aircraft cable, one canopy and all necessary installation hardware.



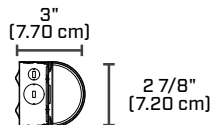
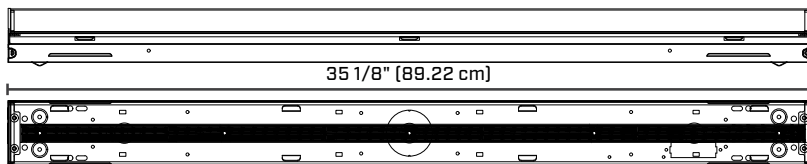
DIMENSIONS AND WEIGHT

24"

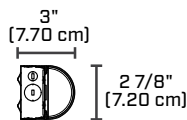
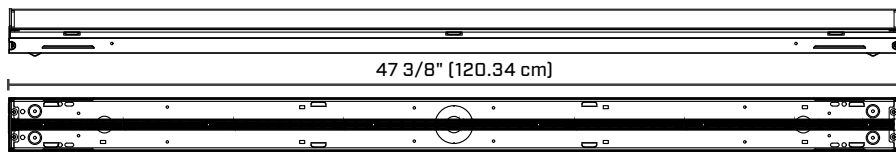


NET WEIGHT (LBS)	
24"	2.6
36"	3.5
48"	4.4
96"	8.5

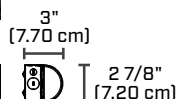
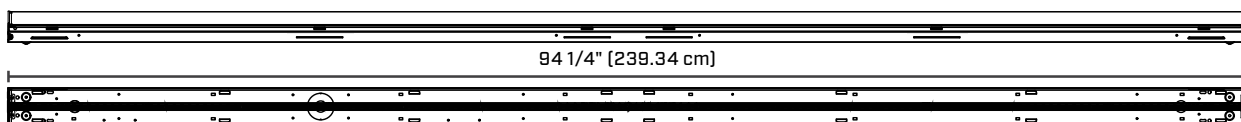
36"



48"



96"



BRIDGE

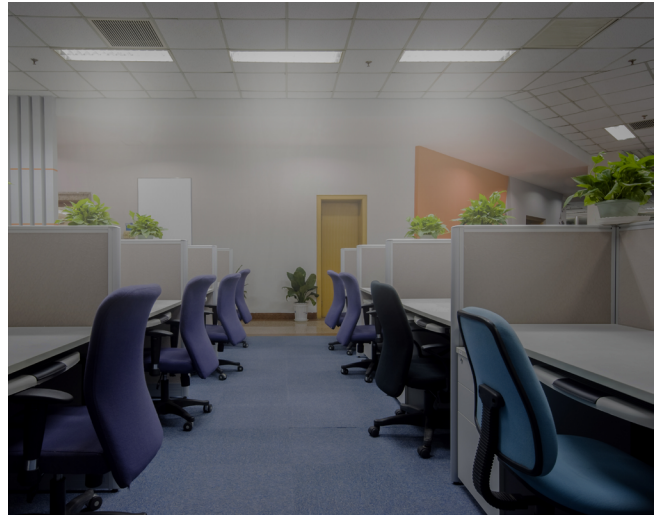
NORMALLY ON EMERGENCY REMOTE LUMINAIRE

This luminaire can be used with an emergency backup powered by either a 12 V or 24 V DC AimLite battery unit, complete with or without auto test.

NORMAL MODE



EMERGENCY MODE



TYPICAL SPECIFICATION

Supply and install AimLite BRIDGE ____ft, LED strip, Model number: _____ remote normally ON emergency luminaire, CSA C22.2 141-15 certified and meet the requirements prescribed by ICES-005. Normally ON when AC is present and when connected to a AimLite battery unit complete with or without auto test, the luminaire shall act as an emergency lighting remote and consume 11 W of DC power in ____ V producing 1 222 - 1 344 lumens in emergency mode.

The remote normally ON emergency luminaire shall be powered by a AimLite emergency lighting battery unit as described herein and shown on the drawings. The AimLite auto diagnostic micro-controller board shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz and be CSA listed. The unit shall have an output of: ____V and ____W.

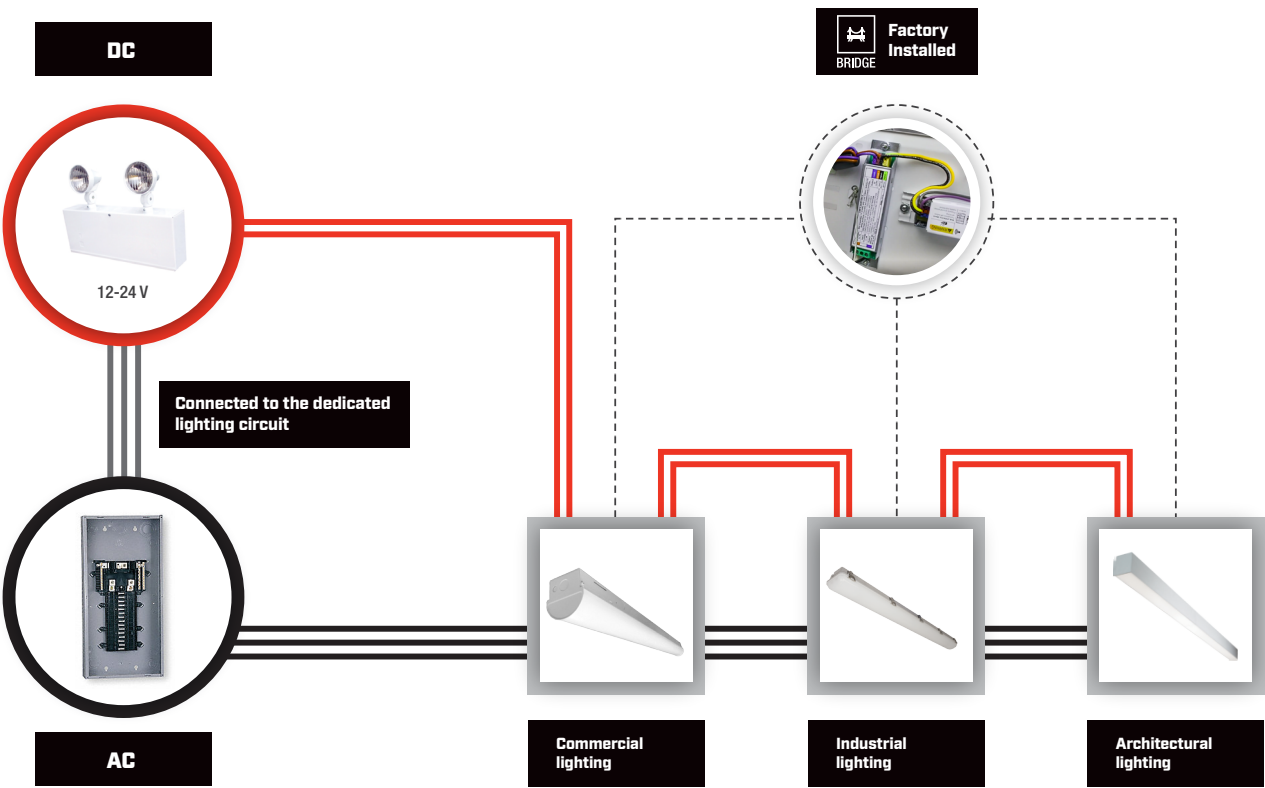
The charge voltage factory set to $\pm 1\%$ tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery topped off. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state of charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge.

The automated testing performed by the AimLite auto test system has been designed to comply with all of the requirements of the National Fire Code. Every month, a 5 minute discharge and diagnostic test checks the operational status of the unit. Every 12 months, this test is extended to the full 30 minute, code required duration. This ensures that the battery charger is recharging the battery in accordance with code requirements.

The unit shall be AimLite model: EBST _____

BRIDGE
NORMALLY ON EMERGENCY REMOTE LUMINAIRE

BRIDGE WIRING DIAGRAM



LEGEND

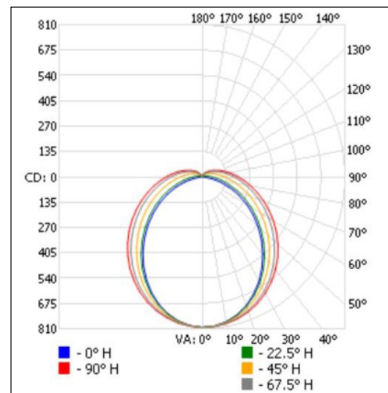
- AC wires
- Connected to the dedicated lighting circuit
- DC wires
- BRIDGE Factory Installed

Emergency mode	Spacing
S20RS	Average spacing for 1 out of every 4 luminaires, normally ON in the path of egress, when at 8, 10, or 12 foot mounting heights.

PHOTOMETRIC DATA¹

S20RS-24LA1-32/3C • 4 000 K • 2 798.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

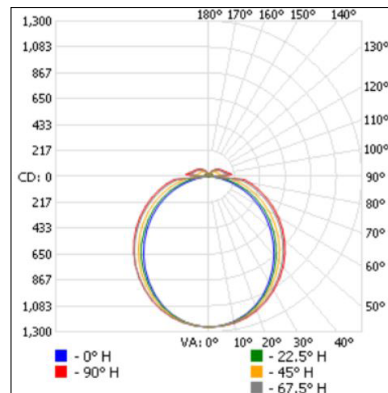
ZONE	LUMENS	% FIXTURE
0-30	619.8	22.1
0-40	1 014.3	36.3
0-60	1 810.2	64.7
60-90	721.4	25.8
70-100	506.4	18.1
90-120	215.5	7.7
0-90	2 531.6	90.5
90-180	266.4	9.5
0-180	2 798.0	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	277		4.1'	7.8'
3.3'	73.6		8.0'	15.1'
5.0'	32.1		12.2'	22.9'
6.7'	17.9		16.3'	30.7'
8.3'	11.6		20.2'	38.1'
10.0'	8.02		24.3'	45.9'
■ Vert. Spread: 101.2° ■ Hor. Spread: 132.9°				

S20RS-36LP30-32/3C • 30 W • 4 000 K • 4 256.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

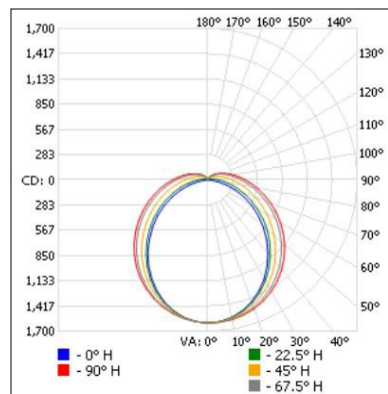
ZONE	LUMENS	% FIXTURE
0-30	976.0	22.9
0-40	1 598.3	37.6
0-60	2 859.3	67.2
60-90	1 018.8	23.9
70-100	604.9	14.2
90-120	245.2	5.8
0-90	3 878.2	91.1
90-180	378.0	8.9
0-180	4 256.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC				BEAM WIDTH	
1.7'	436		4.5'	6.7'	
3.3'	116		8.7'	12.9'	
5.0'	50.4		13.2'	19.6'	
6.7'	28.1		17.7'	26.3'	
8.3'	18.3		22.0'	32.6'	
10.0'	12.6		26.5'	39.2'	
■ Vert. Spread: 105.8° ■ Hor. Spread: 126.0°					

S20RS-48LP40-32/3C • 40 W • 4 000 K • 5 675.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 243.7	21.9
0-40	2 036.9	35.9
0-60	3 642.1	64.2
60-90	1 469.0	25.9
70-100	1 036.0	18.3
90-120	448.9	7.9
0-90	5 111.1	90.1
90-180	564.5	9.9
0-180	5 675.6	100

ILLUMINANCE AT A DISTANCE

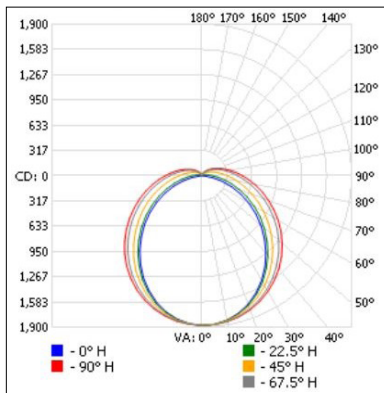
CENTER BEAM FC			BEAM WIDTH	
1.7'	556		4.2'	7.9'
3.3'	148		8.1'	15.3'
5.0'	64.3		12.3'	23.3'
6.7'	35.8		16.4'	31.2'
8.3'	23.3		20.3'	38.6'
10.0'	16.1		24.5'	46.5'
■ Vert. Spread: 101.5° ■ Hor. Spread: 133.5°				

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

S20RS-48LP45-32/3C • 45 W • 4 000 K • 6 655.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 452.3	21.8
0-40	2 378.0	35.7
0-60	4 253.5	63.9
60-90	1 725.2	25.9
70-100	1 221.8	18.4
90-120	536.0	8.1
0-90	5 978.7	89.8
90-180	676.3	10.2
0-180	6 655.0	100

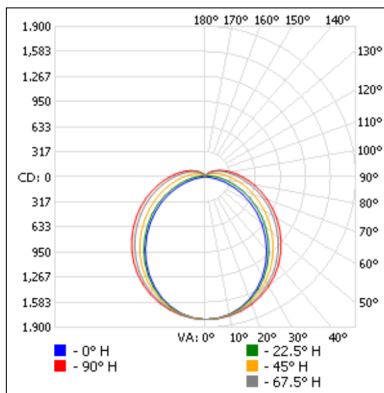
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	649	4.2'	7.9'
3.3'	172	8.1'	15.4'
5.0'	75.1	12.3'	23.3'
6.7'	41.8	16.5'	31.2'
8.3'	27.2	20.5'	38.6'
10.0'	18.8	24.7'	46.6'

■ Vert. Spread: 101.9° ■ Hor. Spread: 133.5°

S20RS-48LP45323CBK • 45 W • 4 000 K • 6 295.5 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 390.3	22.1
0-40	2 273	36.1
0-60	4 053.2	64.4
60-90	1 624.5	25.8
70-100	1 144.7	18.2
90-120	494.1	7.8
0-90	5 677.7	90.2
90-180	617.8	9.8
0-180	6 295.5	100

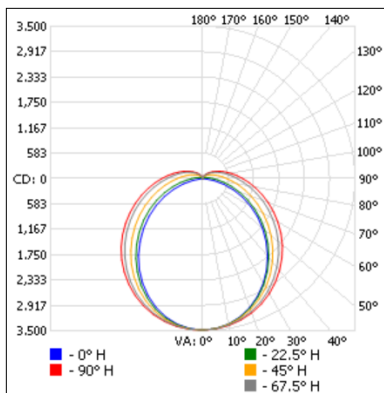
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	450.4	4.9'	8.9'
4.0'	112.6	9.8'	17.9'
6.0'	50	14.7'	26.8'
8.0'	28.1	19.6'	35.8'
10.0'	18	24.5'	44.7'

■ Vert. Spread: 101.7° ■ Hor. Spread: 131.8°

S20RS-48LP80-32/3C • 80 W • 4 000 K • 12 409.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	2 692.6	21.7
0-40	4 406.9	35.5
0-60	7 883.2	63.5
60-90	3 219.4	25.9
70-100	2 291.9	18.5
90-120	1 025.7	8.3
0-90	11 102.6	89.5
90-180	1 307.2	10.5
0-180	12 409.7	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	870.8	4.9'	9.4'
4.0'	217.7	9.8'	18.8'
6.0'	96.8	14.8'	28.3'
8.0'	54.4	19.7'	37.7'
10.0'	34.8	24.6'	47.1'

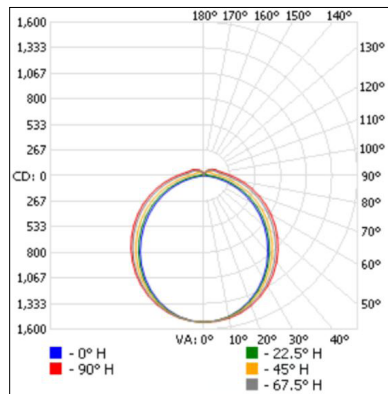
■ Vert. Spread: 101.8° ■ Hor. Spread: 134.0°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

S20RS-48LA1-32/3C • 4 000 K • 5 105.4 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

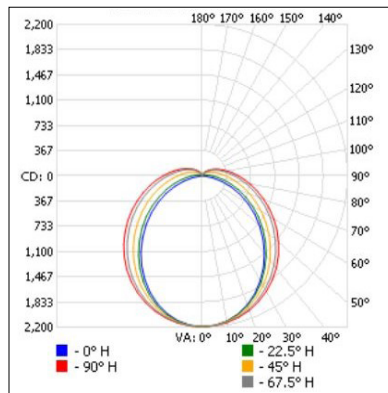
ZONE	LUMENS	% FIXTURE
0-30	1 178.3	23.1
0-40	1 925.6	37.7
0-60	3 423.4	67.1
60-90	1 233.0	24.2
70-100	781.8	15.3
90-120	309.5	6.1
0-90	4 656.4	91.2
90-180	449.0	8.8
0-180	5 105.4	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	528		4.4'	6.4'
3.3'	140		8.6'	12.4'
5.0'	61.0		13.0'	18.8'
6.7'	34.0		17.4'	25.2'
8.3'	22.2		21.6'	31.2'
10.0'	15.3		26.0'	37.5'
■ Vert. Spread: 104.9° ■ Hor. Spread: 123.9°				

S20RS-48LA2-32/3C • 4 000 K • 7 778.3 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

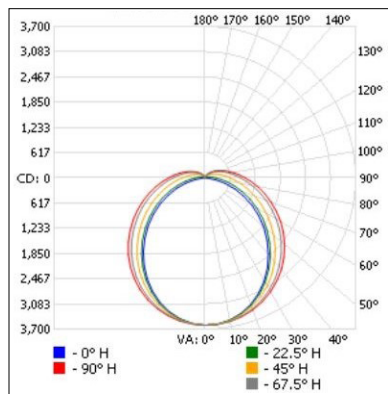
ZONE	LUMENS	% FIXTURE
0-30	1 697.9	21.8
0-40	2 781.2	35.8
0-60	4 976.0	64
60-90	2 015.4	25.9
70-100	1 425.7	18.3
90-120	623.6	8
0-90	6 991.3	89.9
90-180	786.9	10.1
0-180	7 778.3	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	759		4.2'	8.0'
3.3'	201		8.1'	15.5'
5.0'	87.7		12.3'	23.5'
6.7'	48.8		16.4'	31.5'
8.3'	31.8		20.4'	39.0'
10.0'	21.9		24.5'	47.0'
■ Vert. Spread: 101.7° ■ Hor. Spread: 133.9°				

S20RS-96LP90-32/3C • 90 W • 4 000 K • 12 770.5 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	2 786.8	21.8
0-40	4 563.1	35.7
0-60	8 162.1	63.9
60-90	3 310.5	25.9
70-100	2 344.6	18.4
90-120	1 028.6	8.1
0-90	11 472.6	89.8
90-180	1 297.9	10.2
0-180	12 770.5	100

ILLUMINANCE AT A DISTANCE

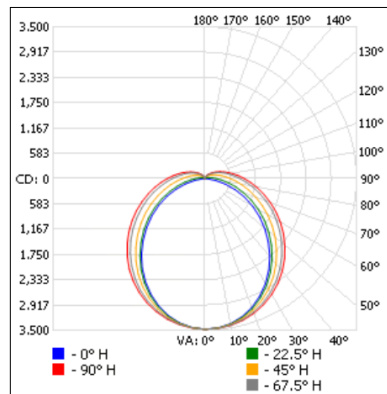
CENTER BEAM FC			BEAM WIDTH	
1.7'	1 246		4.2'	7.9'
3.3'	331		8.1'	15.4'
5.0'	144		12.3'	23.3'
6.7'	80.2		16.5'	31.2'
8.3'	52.3		20.5'	38.6'
10.0'	36.0		24.7'	46.6'
■ Vert. Spread: 101.9° ■ Hor. Spread: 133.5°				

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

S20RS-96LP90323CBK • 90 W • 4 000 K • 12 141.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	2 681.3	22.1
0-40	4 383.7	36.1
0-60	7 816.8	64.4
60-90	3 133	25.8
70-100	2 207.6	18.2
90-120	952.9	7.8
0-90	10 949.8	90.2
90-180	1 191.4	9.8
0-180	12 141.2	100

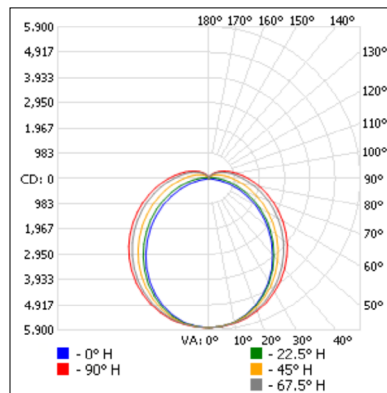
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	868.6	4.9'	8.9'
4.0'	217.1	9.8'	17.9'
6.0'	96.5	14.7'	26.8'
8.0'	54.3	19.6'	35.8'
10.0'	34.7	24.5'	44.7'

■ Vert. Spread: 101.7° ■ Hor. Spread: 131.8°

S20RS-96LP142-323C • 142 W • 4 000 K • 20 717.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	4 495	21.7
0-40	7 357	35.5
0-60	13 160.4	63.5
60-90	5 374.5	25.9
70-100	3 826.2	18.5
90-120	1 712.3	8.3
0-90	18 534.8	89.5
90-180	2 182.2	10.5
0-180	20 717	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
2.0'	1 453.7	4.9'	9.4'
4.0'	363.4	9.8'	18.8'
6.0'	161.5	14.8'	28.3'
8.0'	90.9	19.7'	37.7'
10.0'	58.1	24.6'	47.1'

■ Vert. Spread: 101.8° ■ Hor. Spread: 134.0°

¹ Complete IES files available on our website.