Project _____ Type _____

Catalogue n° _____ Date _____

AimLite

CSRP
STEEL COMBO NBC2015 COMPLIANT

The CSRP series of commercial combination steel signs and battery units features a slim profile that eliminates light leaks combined with a simple, easy to install design. Two PAR18 small style, front mounted heads are standard, MR16 type is optional.

FEATURES & SPECIFICATIONS

CIRCUITRY

- LED ultra bright light source
- 120/347 V AC Input, field selectable, or 277 V AC
- 1.8 W power consumption for LED exit portion of combination sign
- LED Emergency DC wattages as follows: 6 V DC = 0.9 W, 12 V DC = 0.86 W
- 6 V DC or 12 V DC emergency power output versions (as specified)
- Wattage capacities from 36 to 72 W
- 30 minutes emergency power duration standard
- Momentary push button test switch
- Pilot LEDs for AC, ON and CHARGE
- Fully automatic, current limited charger
- Solid state design and construction
- Brownout and short circuit protection
- Temperature compensated
- Maintenance free, sealed lead acid battery

MECHANICAL

- 20 Gauge steel construction
- Slide out faceplates and backplates for rapid and simple installation
- Universal spider knockout pattern stamped into backplate for junction box mounting
- Universal models include ceiling or end mount, field installable canopy kit c/w spider plate
- Multiple conduit entry knockouts
- White powder coat finish standard
- PAR18 small style, high impact thermoplastic heads are standard (2N)
- Optional heads include die cast metal MR16 type and high output industrial die cast type
- Front head mounting is standard, side mount is optional

COMPLIANCES

- CSA Certified to C22.2 #141-15
- CSA Certified to C860-11
- Meets requirements of ICES-005

OVERVIEW			
LIGHT SOURCE	LED	**SIGN EMERGENCY POWER CONSUMPTION**	6 V DC = 0.9 W 12 V DC = 0.86 W
INPUT VOLTAGE (V AC)	120/347, 277	**OUTPUT CAPACITY (W)**	36 - 72
SIGN POWER CONSUMPTION	120 V = 1.80 W 347 V = 1.70 W 277 V = 1.40 W		

BRIDGE EMERGENCY LIGHTING LUMINAIRE REMOTE NORMALLY ON

QUICKSHIP

LED

ICES 005

Energy Verified Énergie Vérifiée

For complete warranty details, please see our terms and conditions on our website.

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.

T 514 227-1288 TF 1 866 348-2374 aimlite.com

TYPICAL SPECIFICATION

TYPICAL SPECIFICATION

Supply and install Aimlite's Steel CSRP Running Man and Battery combination unit. The sign shall be all steel Running Man Exit Signs. The sign shall operate with AC/DC field selectable 120/277/347 V AC Input. The face shall be illuminated by using Nichia LED ultra-bright light source. The sign shall be suitable for wall, end, or ceiling mount and come complete with 3 Running Man fibers for universal direction. The frame and back plate shall each be of a one-piece steel construction. The sign shall be CSA C22.2 141-15 and ICES compliant.

The battery shall be a cabinet model A. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz constructed of durable 18 gauge steel and be CSA listed to C22.2 141-15 and be ICES 005 compliant. The unit shall have an output of: ___V and ___W and come complete with (0), (1) or (2) x ___ W LED heads producing (___) lumens each. The charge voltage factory set to ± 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 at full voltage. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state or 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 Aimlite Sign and Battery combination unit shall be CSRP _____

CSRP

QUICK SHIP ORDERING GUIDE

PART NUMBER	DC VOLTS (V DC)	WATTS (W)	NBR OF FACES	NBR OF HEADS	HEAD	LAMP (W)	LIGHT SOURCE	INPUT VOLTS (V AC)	COLOR
CSRP06036-2SM09WT	6	36	UNIVERSAL	2	SM	9	TUNGTSEN	120/347	WHITE

ORDERING GUIDE

CSRP ____ ____ ____ M — ____ ____ ____ ____ / ____

SERIES	VOLTS (V)	WATTS (W)	NBR OF FACES	MOUNTING	NBR OF HEADS	HEAD / LAMP	LAMP	INPUT VOLTAGE (V)	COLORS	OPTIONS
CSRP	06 - 6	036 - 36 050 - 50	U - UNIVERSAL 1 - FACES SINGLE 2 - FACE DOUBLE FACE	M - UNIVERSAL MOUNT	0 - NO HEADS	BLANK - NO HEADS	SEE LAMP SELECTION CHART BELOW	BLANK - 120/347 277 - 277	WHT - WHITE BLK - BLACK GRY - GREY	ATD, AUD[1], AUE, LPD, RDS, SMH[2], TDL[1], VDR
	12 - 12	036 - 36 050 - 50 072 - 72			1 - ONE HEADS 2 - TWO HEADS	SM - PAR18/MR16 MD - MR16 MB - MR16 HO - INDUSTRIAL				0 - NO INDICATORS (DOUBLE FACE ONLY) ↓ ↑ ↗ ↘ ↙ ↖ D U UR DR DL UL NOTE: INDICATORS OPTION AVAILABLE FOR SINGLE & DOUBLE OPTION ONLY.

[1] Only available with ATD.
[2] Not compatible with HO heads.

OPTIONS

	DESCRIPTION		DESCRIPTION
ATD	AUTOMATIC TEST AND SELF-DIAGNOSTIC	**RDS**	RADIO FREQUENCY SUPPRESSION
AUD	AUDIBLE DIAGNOSTIC[1]	**SMH**	SIDE MOUNTED HEADS[2]
AUE	AUDIBLE EMERGENCY	**TDL**	TIME DELAY[1]
LDP	LAMP DISCONNECT	**VDR**	TAMPER PROOF SCREWS

[1] Only available with ATD.
[2] Not compatible with HO heads.

LAMP SELECTION

	6 V	12 V
PAR18 - Small head		
LED	3WLJ, 4WLJ, 5WLJ	3WLJ, 4WLJ, 5WLJ, 6WLA, 7WLA
Tungsten	09WT	09WT
MR16 - Small head c/w MR16		
LED	4WLR, 5WLA	4WLR, 5WLA, 6WLA, 7WLA
Industrial		
LED		5WLJ, 9WLJ, 14WLJ, 30WLJ

MODEL RATINGS

MODEL	VOLTS (V)	WATTAGE CAPACITIES (W)			
		30 MIN.	60 MIN.	90 MIN.	120 MIN.
CSRP0636	6	36	18	12	9
CSRP0650		50	25	16	12
CSRP1236	12	36	18	12	9
CSRP1250		50	25	16	12
CSRP1272		72	36	24	18

CSRP

WIREGUARD[1]

		PART NUMBER	DIMENSIONS (IN)
WITHOUT HEAD	WALL MOUNT	WGD590-V2	16.75 X 17.75 X 6.5
	CEILING MOUNT	WGD650-V2	17.75 X 17.75 X 16.50
	END MOUNT	WGD650-V2	17.75 X 17.75 X 16.50
WITH HEAD(S)[2]	WALL MOUNT	WGD510-V2	19.75 X 19.75 X 7.25
	CEILING MOUNT	WGD650-V2	17.75 X 17.75 X 16.50
	END MOUNT	WGD650-V2	17.75 X 17.75 X 16.50

[1] Please contact your AimLite customer service representative for more information.
[2] For HO heads, please contact your customer service representative for more information.

CONFIGURATIONS

Comes standard (single face) with three pictogram legends for direction selection.

Comes standard (double face) with two pictogram legends.

For double face no arrow options, select "0" on the options column.

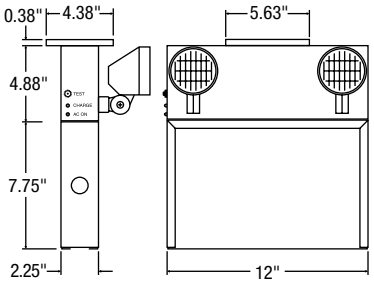
LEXAN GUARD

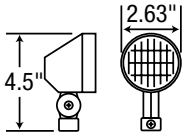
	PART NUMBER	DIMENSIONS (IN)
WALL MOUNT	PGD111	19.75 X 14 X 8
CEILING MOUNT	PGD100	16 X 10 X 13.5
END MOUNT	PGD100	16 X 10 X 13.5

LUMEN TABLE

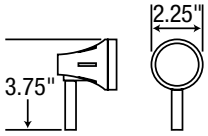
WATTS	LUMENS
3W LJ	313
4W LJ	388
5W LJ	590
4W LR	388
5W LA	435
6W LA	507
7W LA	652

DIMENSIONS

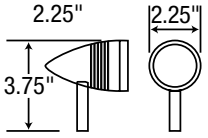




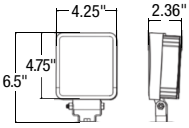
TYPE SM - PAR18



TYPE MD - MR16



TYPE MB - MR16

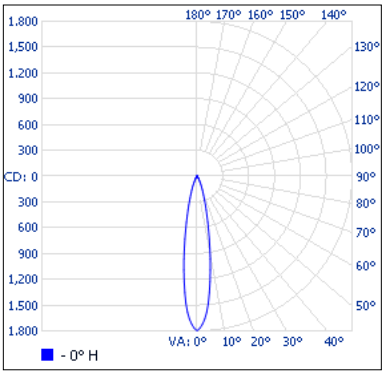


TYPE HO - INDUSTRIAL

PHOTOMETRIC DATA[1]

PAR18-06-12V3WLJ • 309.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	282.9	91.6%
0-40	297.5	96.3%
0-60	306.9	99.3%
60-90	2.1	0.7%
70-100	0.3	0.1%
90-120	0	0%
0-90	309.0	100%
90-180	0	0%
0-180	309.0	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH
1.7'	622		0.6'
3.3'	165		1.1'
5.0	71.8		1.7'
6.7	40.0		2.3'
8.3	26.1		2.8'
10.0	18.0		3.4'

■ Beam. Spread: 19.3°

[1] Complete IES files available on our website.

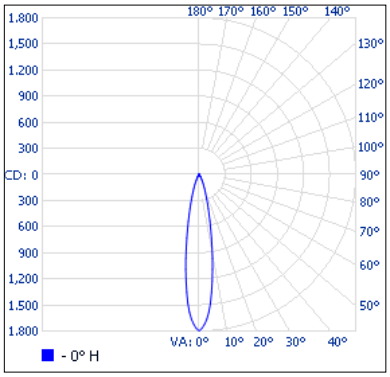
T 514 227-1288 TF 1 866 348-2374 aimlite.com

CSRP

PHOTOMETRIC DATA[1]

PAR18-06-12V4WLJ • 429.5 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	325.3	75.7%
0-40	369.4	86%
0-60	410.4	95.5%
60-90	19.2	4.5%
0-90	429.5	100%

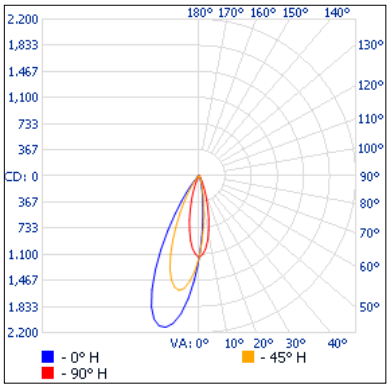
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	402		0.8'	8.2'
3.3'	107		1.6'	16.4'
5.0	46.4		2.4'	24.6'
6.7	25.9		3.2'	32.8'
8.3	16.9		3.9'	41.0'
10.0	11.6		4.7'	49.2'

Vert. Spread: 26.6° Hor. Spread: 27.1°

PAR18-06-12V5WLJ • 655.3 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	515.6	78.7%
0-40	595.7	90.9%
0-60	637.2	97.2%
60-90	18.0	2.8%
0-90	655.3	100%

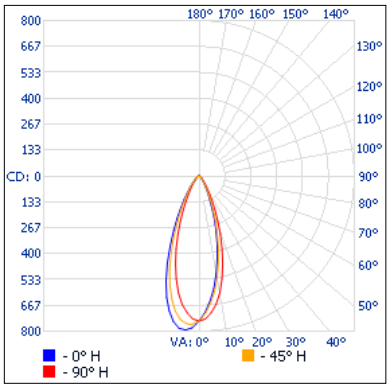
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	396		0.9'	0.9'
3.3'	105		1.7'	1.7'
5.0	45.8		2.5'	2.6'
6.7	25.5		3.4'	3.5'
8.3	16.6		4.2'	4.3'
10.0	11.5		5.1'	5.2'

Vert. Spread: 28.6° Hor. Spread: 29.4°

MR16-06-24V4WLR • 228.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	164.4	71.9%
0-40	182.0	79.6%
0-60	214.8	93.9%
60-90	13.9	6.1%
70-100	4.1	1.8%
90-120	0	0%
0-90	228.7	100%
90-180	0	0%
0-180	228.7	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH
1.7'	168		1.1'
3.3'	44.5		2.1'
5.0	19.4		3.2'
6.7	10.8		4.3'
8.3	7.04		5.3'
10.0	4.85		6.4'

Beam. Spread: 35.4°

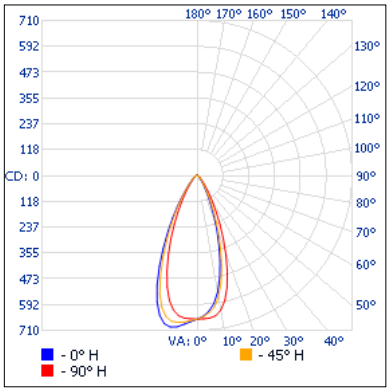
[1] Complete IES files available on our website.

CSRP

PHOTOMETRIC DATA[1]

MR16-06-24V5WLA • 440.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	352.6	80%
0-40	391.8	88.9%
0-60	427.2	96.9%
60-90	13.5	3.1%
70-100	4.3	1%
90-120	0	0%
0-90	440.7	100%
90-180	0	0%
0-180	440.7	100%

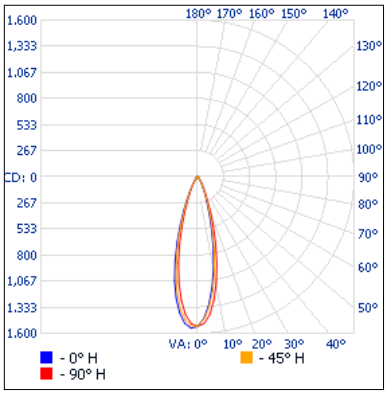
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	407		0.9'	1.0'
3.3'	108		1.7'	1.9'
5.0	47.0		2.6'	2.8'
6.7	26.2		3.5'	3.8'
8.3	17.1		4.3'	4.7'
10.0	11.8		5.2'	5.7'

Vert. Spread: 29.3° Hor. Spread: 31.7°

MR16-12-24V6WLA • 508.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	407.0	80%
0-40	452.3	88.9%
0-60	493.1	96.9%
60-90	15.6	3.1%
70-100	4.9	1%
90-120	0	0%
0-90	508.7	100%
90-180	0	0%
0-180	508.7	100%

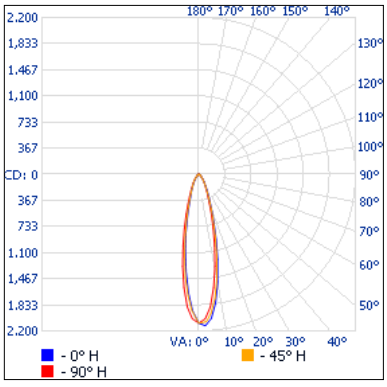
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	470		0.9'	1.0'
3.3'	125		1.7'	1.9'
5.0	54.3		2.6'	2.8'
6.7	30.2		3.5'	3.8'
8.3	19.7		4.3'	4.7'
10.0	13.6		5.2'	5.7'

Vert. Spread: 29.3° Hor. Spread: 31.7°

MR16-06-24V7WLA • 635.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	508.2	80%
0-40	564.7	88.9%
0-60	615.7	96.9%
60-90	19.5	3.1%
70-100	6.1	1%
90-120	0	0%
0-90	635.2	100%
90-180	0	0%
0-180	635.2	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	587		0.9'	1.0'
3.3'	156		1.7'	1.9'
5.0	67.8		2.6'	2.8'
6.7	37.8		3.5'	3.8'
8.3	24.6		4.3'	4.7'
10.0	16.9		16.9'	5.7'

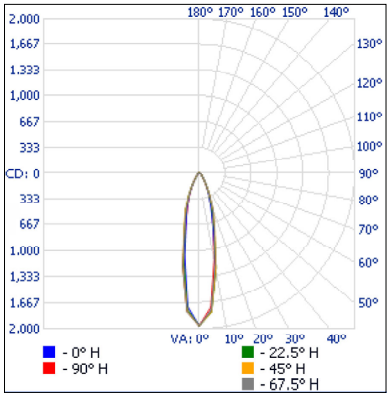
Vert. Spread: 29.3° Hor. Spread: 31.7°

[1] Complete IES files available on our website.

PHOTOMETRIC DATA[1]

SQ-12V-5W • 642.1 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	481.0	74.9
0-40	548.2	85.4
0-60	611.0	95.1
60-90	31.1	4.8
70-100	12.2	1.9
90-120	0.0	0
0-90	642.1	100
90-180	0.1	0
0-180	642.1	100

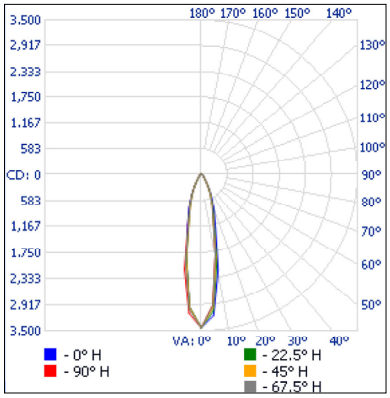
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
2.0"	489.9		0.8	0.8
4.0"	122.5		1.7	1.7
6.0"	54.4		2.5	2.5
8.0"	30.6		3.3	3.4
10.0"	19.6		4.1	4.2

Vert. Spread: 23.4° Hor. Spread: 23.8.°

SQ-12V-9W • 1 105.1 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	835.2	75.6
0-40	948.6	85.8
0-60	1 051.8	95.2
60-90	53.1	4.8
70-100	20.9	1.9
90-120	0.1	0
0-90	1 104.9	100
90-180	0.2	0
0-180	1 105.1	100

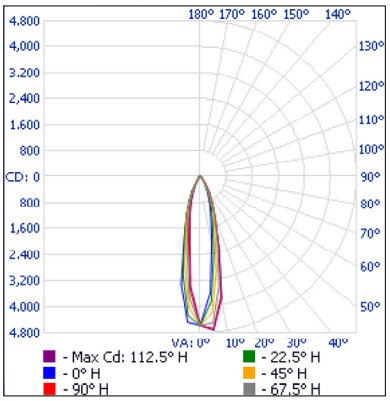
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
2.0"	856.3		0.8	0.8
4.0"	214.1		1.7	1.6
6.0"	95.1		2.5	2.4
8.0"	53.5		3.4	3.2
10.0"	34.3		4.2	4.1

Vert. Spread: 23.8° Hor. Spread: 22.9.°

SQ-12V-14W • 1 460.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 142.6	78.2
0-40	1 289.7	88.3
0-60	1 407.8	96.4
60-90	52.7	3.6
70-100	18.7	1.3
90-120	0.0	0
0-90	1 460.6	100
90-180	0.1	0
0-180	1 460.7	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
2.0"	1 143.8		0.8	0.8
4.0"	285.9		1.6	1.7
6.0"	127.1		2.4	2.5
8.0"	71.5		3.2	3.3
10.0"	45.8		4.0	4.2

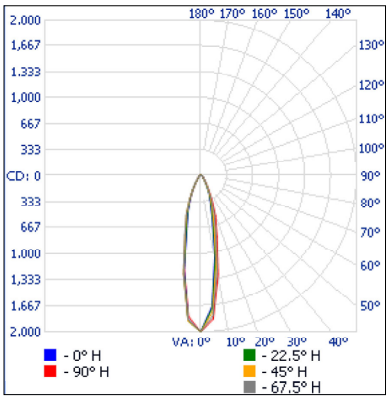
Vert. Spread: 22.8° Hor. Spread: 23.5°

[1] Complete IES files available on our website.

PHOTOMETRIC DATA[1]

SQ-24V-5W • 659.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	493.6	74.9
0-40	562.7	85.4
0-60	627.1	95.2
60-90	31.8	4.8
70-100	12.4	1.9
90-120	0.0	0
0-90	658.9	100
90-180	0.1	0
0-180	659.0	100

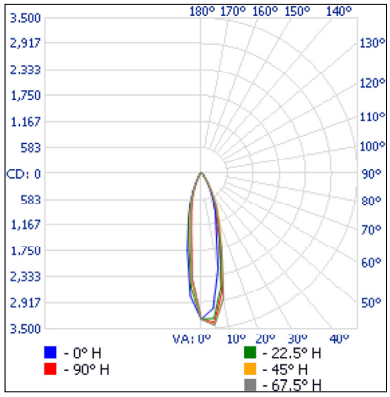
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
2.0"	499.7		0.8	0.9
4.0"	124.9		1.6	1.8
6.0"	55.5		2.4	2.7
8.0"	31.2		3.2	3.6
10.0"	20.0		4.0	4.5

Vert. Spread: 22.6° Hor. Spread: 25.3°

SQ-24V-9W • 1 114.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	835.1	74.9
0-40	954.7	85.7
0-60	1 060.8	95.2
60-90	53.8	4.8
70-100	21.1	1.9
90-120	0.1	0
0-90	1 114.6	100
90-180	0.1	0
0-180	1 114.7	100

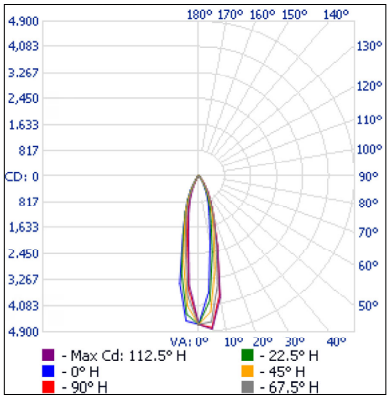
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
2.0"	820.9		0.9	0.8
4.0"	205.2		1.7	1.6
6.0"	91.2		2.6	2.4
8.0"	51.3		3.5	3.2
10.0"	32.8		4.4	4.0

Vert. Spread: 24.5° Hor. Spread: 22.6°

SQ-24V-14W • 1 487.4 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 164.1	78.3
0-40	1 313.4	88.3
0-60	1 433.6	96.4
60-90	53.7	3.6
70-100	19.1	1.3
90-120	0.0	0
0-90	1 487.3	100
90-180	0.1	0
0-180	1 487.4	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
2.0"	1 166.4		0.8	0.8
4.0"	291.6		1.6	1.7
6.0"	129.6		2.4	2.5
8.0"	72.9		3.2	3.3
10.0"	46.7		4.0	4.2

Vert. Spread: 22.8° Hor. Spread: 23.5°

[1] Complete IES files available on our website.

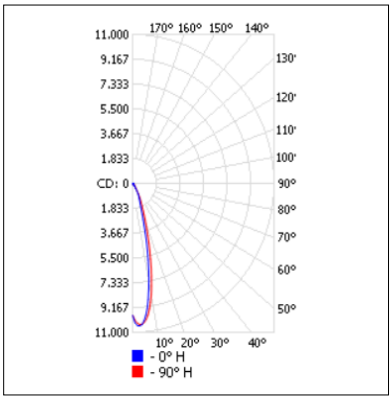
T 514 227-1288 TF 1 866 348-2374 aimlite.com

CSRP

PHOTOMETRIC DATA[1]

SQ-12-24V-30W • 2 578 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	2 112.3	82
0-40	2 315.1	90
0-60	2 491.9	97
60-90	83.7	3
0-90	2 575.7	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17.0"	33.7		6.1	6.3
34.0"	8.42		12.1	12.5
51.0"	3.47		18.2	18.8
68.0"	2.10		24.3	25.1
85.0"	1.35		30.4	31.3
102.0"	0.94		36.4	37.6

Vert. Spread: 20.3° Hor. Spread: 20.9°

[1] Complete IES files available on our website.

T 514 227-1288 TF 1 866 348-2374 aimlite.com