

Project \_\_\_\_\_  
Catalogue n° \_\_\_\_\_

Type \_\_\_\_\_  
Date \_\_\_\_\_

AimLite

# SDH-L

## DUAL HEAD LED

## SECURITY LIGHT

### 3 CCT SELECTABLE

### INTEGRATED MOTION SENSOR WITH

### ALWAYS MODE ON AND PHOTOCELL



Our SDH-L series features a built-in dusk to dawn photocell which allows to turn on the lights at dusk and turn off the light at dawn. For added safety, this generation includes the option of having the luminaire ON at all times and comes with a motion sensor.. These features assures the area is well lit and provides added security at night. Offering superior performance while improving on energy savings, this fixture is ideal for walkways, yards, driveways, patios, parking lots and loading docks.

## FEATURES & SPECIFICATIONS

### CONSTRUCTION

#### Physical Characteristics

- This luminaire is made of aluminum die cast housing and comes standard in a Bronze or White powder coat finish
- Dual adjustable heads
- Frosted glass lens
- CCT switch is accessible from the front via the coin plug
- Built in dusk to dawn photocell
- Integrated motion sensor
- Adjustable motion sensor arm

#### Mounting










- Wall or ceiling mount with external junction box
- Surface mount with built in junction box

### PERFORMANCE DATA

- Available 3 000/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120V
- Estimated life of over 100 000 hours to L70
- Operating temperature:  
-40 °C to 50°C [-40 °F to 122 °F]

### COMPLIANCE

- cETLus listed for wet locations
- Meets requirements of ICES-005 issue 5 for class B products
- IP65

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	86 - 99
WATTS (W)	20	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMEN OUTPUT (LM)	1 712 - 1 974	CRI	80+
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>			

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  
ORDERING GUIDE



PART NO	WATTS	VOLTS	COLOR TEMP.	LUMEN OUTPUT	EFFICACY	CRI	LIFE L70	TESTED HOURS LM-80	CALC. TM21	BEAM ANGLE	BUG	LED CURRENT	FINISH	DIM- MING	PF	THD	TRADITIONAL EQUIVALENT		MAS- TER CASE QTY			
	[W]	[VAC]	[K] <sup>1</sup>	[LM] <sup>2,3</sup>	[LM/W]		[HRS] <sup>4</sup>	[HRS] <sup>4</sup>	[HRS] <sup>4</sup>	[°]		[MA]					[%]	[W]				
																					MH	HPS
CCT SELECTABLE																						
SDH-LA1B-4-3C-BR	20	120	3 000/4 000/5 000	1974	86 - 99	80+	>100 000	10 000	>60 000	50	B2-U1-G0	0.18	Bronze	No	>0.9	<20	2x100	2x60-75	5			
SDH-LA1B-4-3C-WH	20	120	3 000/4 000/5 000	1974	86 - 99	80+	>100 000	10 000	>60 000	50	B2-U1-G0	0.18	White	No	>0.9	<20	2x100	2x60-75	5			

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

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

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

<sup>4</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

LUMEN SPECIFICATION TABLE

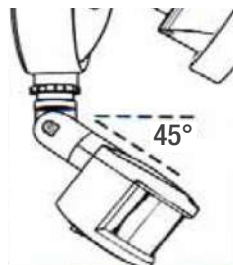
PART NO	WATTS [W]	3 000 K			4 000 K			5 000 K		
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LED CURRENT [MA]
SDH-LA1B-4-3C-BR	20	1712	86	0.18	1974	89	0.18	1808	90	0.18
SDH-LA1B-4-3C-WH										

DEFAULT PROGRAMMING  
4 000 K

OCCUPANCY SENSOR

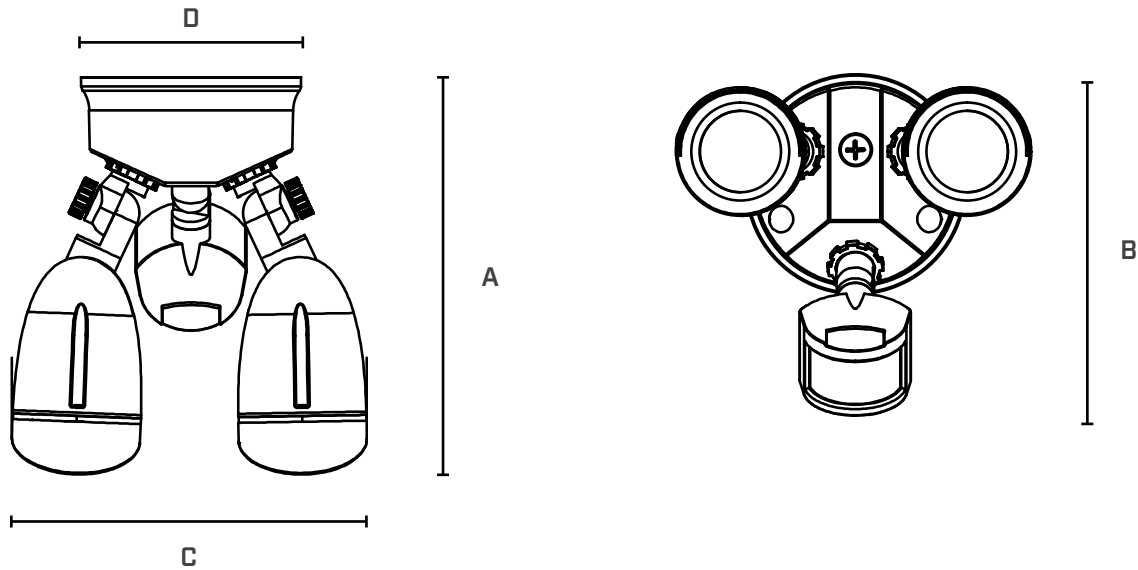
POSITION	VOLTS [V]	TECHNOLOGY	HEIGHT [FT MAX]	DETECTION RANGE [FT]	DETECTION AREA[°]	HOLD TIME [MIN]	LOCATION [°C]
EXTERNAL	120	HIGH FREQUEN- CY	7.2 FT	10 UP TO 60	180 HORIZONTAL	1 TO 10 MIN	DRY AND WET, -40°C TO 40°C
					45 VERTICAL		

<sup>1</sup> Please see the instruction sheet to deactivate the motion sensor.



# SDH-L

## DIMENSIONS AND WEIGHTS

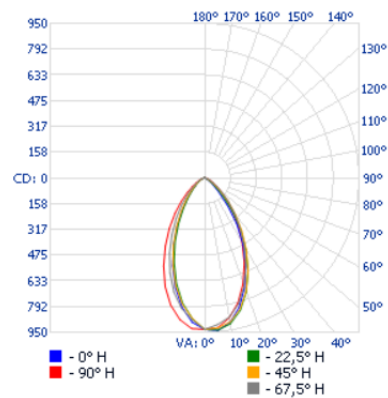


A IN. [CM]	9.5 [24.15]
B IN. [CM]	6 [15.24]
C IN. [CM]	8.5 [21.55]
D IN. [CM]	5.26 [13.35]
NET WEIGHT (LBS)	3.0

## PHOTOMETRIC DATA<sup>1</sup>

SDH-LA1B-4-3C-XX • 10W • 4000K • 983LM (SINGLE HEAD)

### POLAR CANDELA DISTRIBUTION



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	551.5	56.1
0-40	757.5	77
0-60	945.2	96.1
60-90	36.5	3.7
70-100	10.7	1.1
90-120	0.4	0
0-90	981.7	99.8
90-180	1.5	0.2
0-180	983.2	100

### ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
17'	3.23	17.4'	19.6'
34'	0.81	34.9'	39.2'
51'	0.36	52.3'	58.8'
68'	0.20	69.8'	78.5'
85'	0.13	87.2'	98.1'
102'	0.09	104.7'	117.7'

■ Vert. Spread: 54.3° ■ Hor. Spread: 60.0°

<sup>1</sup> Complete IES files available on our website.