

Acion

Small Low Voltage LED Accent



ACOS-LV.x.x.BLK

Features

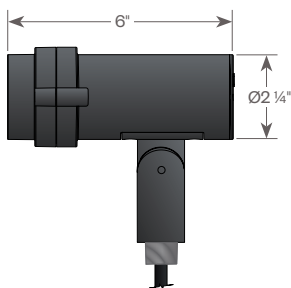
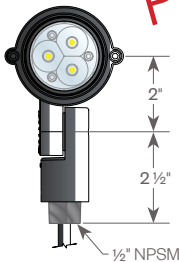
The Amerlux Acion accent luminaire employs solid state technology and precision engineering to provide small scale LED solutions in landscape and architectural layouts. All components are encapsulated inside a single attractive enclosure designed for superior performance in all-weather applications. Offered in a choice of beam spreads, finishes, and color temperatures, several mounting options and glare shield are also available.

Product Overview

Type:	Exterior Accent
Wattage:	10W
Lumen Output :	710 lm
Color Temp:	2700K, 3000K, 3500K, 4000K
Dimming:	Triac

PROJECT:

PRODUCT DISCONTINUED



Application:

Exterior accent lighting for landscapes, including small signs and features.

Construction:

- Die-cast aluminum
- IP66 sealed optical chamber and integral driver chamber
- Easy "two-screw" integral driver access, does not disturb optical chamber seal
- Flush lens prevents puddles/water deposits in upward facing applications
- 180° Knuckle mount
- Vertical aiming lock, with tamper-resistant tooled locking after final aiming

Optics:

- Lumen maintenance: 70% @ 50,000 hours
- 10°, 15°, 30°, 40°, 60°, 60x10, 60x30, 90x60 beam spreads are available with secondary shaping lens

Electrical:

- 12V AC input
- Integral driver capable of handling typical variances in a 12V system (9-15V)
- Drive current 700mA
- Power consumption 10W
- 1/2" NPSM wire entry
- 6ft leads included
- Dimming with magnetic low voltage dimmers

ETL listed, suitable for wet locations.

Mounting Accessories:

- (order separately)
- Ground Spike (**GSP2**)
 - Ground Stake (**GSP17**)
 - Junction Box (**JBOX**)
 - Junction Mount (**JCOV**)

Optical Accessories:

- Hexcell Louver (**HCS**)
- Half Glare Shield (**HGS**)

Finish:

Premium quality thermoset polyester powdercoat for a durable finish.



5 year limited warranty
AMERLUX LED



Acion-LV

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PROJECT:

TYPE:

Luminaire Ordering Information

ACCS-LV

- 1
- 2
- 3
- 4
- 5

1 Model
ACCS-LV

2 Color Temp
27 - 2700K
30 - 3000K
35 - 3500K
40 - 4000K

3 Beam Spread
10 - 10°
15 - 15°
30 - 30°
40 - 40°
60 - 60°
H6010 - 60° x 10°
H6030 - 60° x 30°
H9060 - 90° x 60°
V6010 - 60° x 10°
V6030 - 60° x 30°
V9060 - 90° x 60°

4 Finish
BLK - Satin Black
CLB - Classic Bronze
GRN - Green
WHT - White
CSTM - Custom

5 Optical Accessories
HCS - Hexcell Louver
HGS - Half Glare Shield

Mounting Accessories Ordering Information (order separately)

- 1
- 2

1 Mounting Accessories
GSP17 - Ground Stake (black polycarbonate)
GSP2 - Ground Spike (black finish only)
JBOX - Junction Box (finish matches fixture finish)
JCOV - Junction Mount (finish matches fixture finish)

2 Finish
BLK - Satin Black
CLB - Classic Bronze
GRN - Green
WHT - White
CSTM - Custom

Acion-LV

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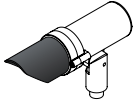


PROJECT:

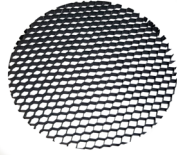
TYPE:

Optical Accessories

HGS
(Half Glare Shield)

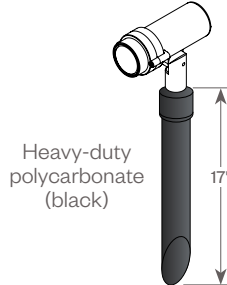


HCS
(Hexcell Louver)



Mounting Accessories (order separately)

GSP17
(Ground Stake)



GSP2
(Ground Spike)



JCOV
(Junction Mount)



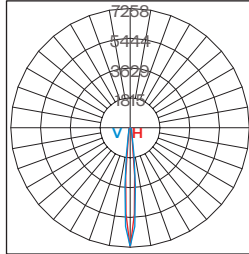
JBOX
(Junction Box)



Finish will match luminaire color

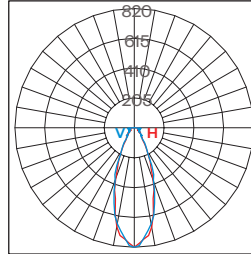
Optical Performance - Polar Graphs

ACCS-27-10



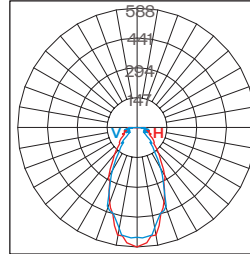
Maximum Candela = 7258
Horizontal Beam Angle(50%) = 11
Vertical Beam Angle(50%) = 11
Horizontal Field Angle (10%) = 21
Vertical Field Angle (10%) = 22

ACCS-27-30



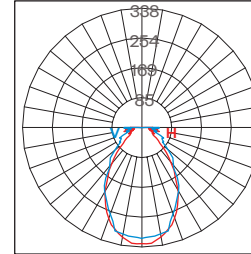
Maximum Candela = 820
Horizontal Beam Angle(50%) = 38
Vertical Beam Angle(50%) = 36
Horizontal Field Angle (10%) = 77
Vertical Field Angle (10%) = 76

ACCS-27-40



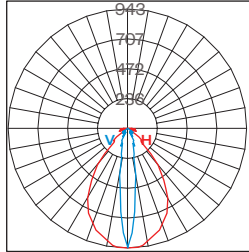
Maximum Candela = 588
Horizontal Beam Angle(50%) = 47
Vertical Beam Angle(50%) = 46
Horizontal Field Angle (10%) = 92
Vertical Field Angle (10%) = 130

ACCS-27-60



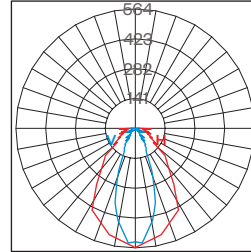
Maximum Candela = 388
Horizontal Beam Angle(50%) = 70
Vertical Beam Angle(50%) = 66
Horizontal Field Angle (10%) = 148
Vertical Field Angle (10%) = 142

ACCS-27-60X10



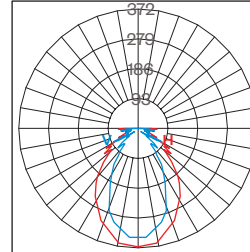
Maximum Candela = 943
Horizontal Beam Angle(50%) = 66
Vertical Beam Angle(50%) = 18
Horizontal Field Angle (10%) = 98
Vertical Field Angle (10%) = 52

ACCS-27-60X30



Maximum Candela = 564
Horizontal Beam Angle(50%) = 65
Vertical Beam Angle(50%) = 35
Horizontal Field Angle (10%) = 115
Vertical Field Angle (10%) = 99

ACCS-27-90X60



Maximum Candela = 372
Horizontal Beam Angle(50%) = 78
Vertical Beam Angle(50%) = 66
Horizontal Field Angle (10%) = 152
Vertical Field Angle (10%) = 142

NOTE: Data represents the use of light shaping filters.
Complete photometric data (ies format) available upon request.

Performance Chart

Pattern	Beam Spread	Approx. Lumens	Total Efficacy
Symmetrical	10 (10°)	630-710	63-71 lm/W
	15 (15°)	600-680	60-68 lm/W
	30 (30°)	570-650	57-65 lm/W
	40 (40°)	570-650	57-65 lm/W
	60 (60°)	540-620	54-62 lm/W
Horizontal	H6010 (60°x10°)	630-570	63-57 lm/W
	H6030 (60°x30°)	570-590	57-59 lm/W
	H9060 (90°x60°)	580-610	58-61 lm/W
Vertical	V6010 (60°x10°)	630-570	63-57 lm/W
	V6030 (60°x30°)	570-590	57-59 lm/W
	V9060 (90°x60°)	580-610	58-61 lm/W