Project _____ Type _____

Catalogue n° _____ Date _____

AimLite

B15A-L
BOLLARD

The B15A-L is an LED bollard luminaire designed with high efficiency. The housing is made of die cast aluminum with a flush mounting base, polycarbonate lens, flat top, and a powdercoat finish over a chromate conversion coating.

FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

This luminaire is constructed with aluminum die cast housing in bronze powder coating with anti-corrosive finish.
All configurations comes with an anchor bolts kit.

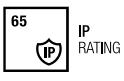
ELECTRICAL

- The drivers allow input from 120-277 V and is reliable in the coldest of temperatures
- The B15A-L bollard is suitable for ambient temperature range of -40°C to +45°C. Available in 4 000 K color temperature with a lumen per watt ratio of 53 lm/W to 77 lm/W

COMPLIANCES

- Wet location
- IP65
- cETLus
- Meets requirements of ICES-005 for class B products

OVERVIEW			
LIGHT SOURCE	LED	**EFFICIENCY (LM/W)**	50 - 91
WATTS (W)	25, 35, 50	**COLOR TEMPERATURE (K)**	3 000, 4 000, 5 000
LUMEN OUTPUT (LM)	1 247 - 4 098	**CRI**	70



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.

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B15A-L

ORDERING GUIDE

B15A —**L** — /

SERIES	LAMP TYPE	LUMEN PACKAGE (W)	VOLTS (VAC)	COLOR TEMP. (K)	CASTING COLOR	STYLE	OPTIONS
B15A	L - LED	A1 - REFER TO THE A2 - LUMEN CHART TABLE	2 - 120-277 8 - 347	30K - 3 000 40K - 4 000 50K - 5 000	BR - BRONZE SP - SPECIAL COLOR	L - LOUVER	T - ASYMMETRICAL GLARESHIELD (180 DEGREE) [1]
		A1 - REFER TO THE A2 - LUMEN CHART A3 - TABLE				C - CONE	

[1]The finish is the same as the housing.

Note: The anchor bolt kits are not included with the fixture. Please order separately.

ACCESSORY (ORDER SEPARATELY)

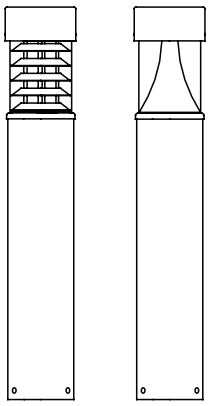
PART NUMBER	DESCRIPTION	TYPE
KIT-ANC-BOL	ANCHOR BOLTS W/TRIANGLE KIT BIN	ANCHOR BOLT KIT

LUMEN CHART TABLE

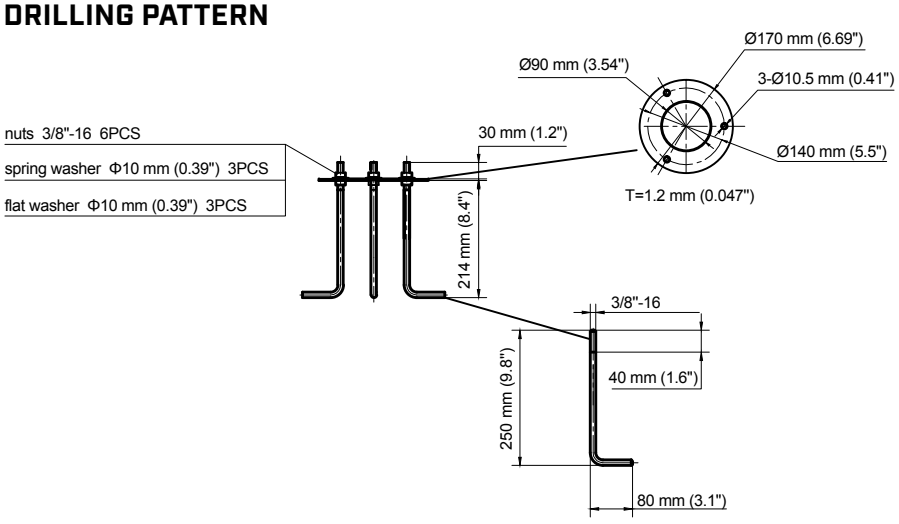
LUMEN PACKAGE	STYLE	VOLTS (V)	LED CURRENT (MA)	WATTS (W)	3 000 K		4 000 K		5 000 K		CRI	PF	THD (%)	B.U.G.
					LUMENS	LM/W	LUMENS	LM/W	LUMENS	LM/W				
A1	LOUVER	120-277	430 - 230	25	1 247	50	1 347	54	1 347	54	70	0.9	20	B1-U3-G1
		347	430 - 230	25	1 247	50	1 347	54	1 347	54	70	0.9	20	B1-U3-G1
	CONE	120-277	430 - 230	25	1 734	69	1 865	75	1 865	75	70	0.9	20	B1-U3-G1
		347	430 - 230	25	1 734	69	1 865	75	1 865	75	70	0.9	20	B1-U3-G1
A2	LOUVER	120-277	430 - 230	35	1 915	55	2 082	59	2 082	59	70	0.9	20	B1-U3-G1
		347	430 - 230	35	1 915	55	2 082	59	2 082	59	70	0.9	20	B1-U3-G1
	CONE	120-277	430 - 230	35	2 947	84	3 198	91	3 198	91	70	0.9	20	B1-U3-G1
		347	430 - 230	35	2 947	84	3 198	91	3 198	91	70	0.9	20	B1-U3-G1
A3	CONE	120-277	430 - 230	50	3 811	76	4 098	82	4 098	82	70	0.9	20	B1-U3-G1
		347	430 - 230	50	3 811	76	4 098	82	4 098	82	70	0.9	20	B1-U3-G1

DIMENSIONS

DIAMETER: 8 3/8'' [213 MM]
HEIGHT: 40 1/2'' [1 030 MM]



DRILLING PATTERN

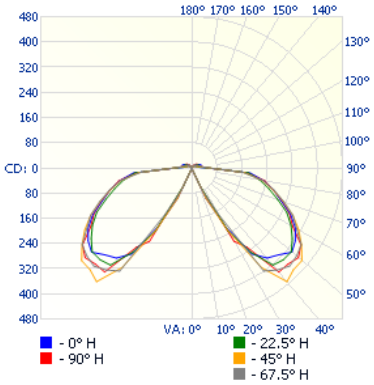


B15A-L

PHOTOMETRIC DATA[1]

B15A-LA1-XX-40K-BR-C • 1 865 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	49.9	2.7%
0-40	266.4	14.3%
0-60	967.2	51.8%
60-90	794.4	42.6%
70-100	492.3	26.4%
90-120	80.8	4.3%
0-90	1 761.6	94.4%
90-180	104.9	5.6%
0-180	1 866.6	100%

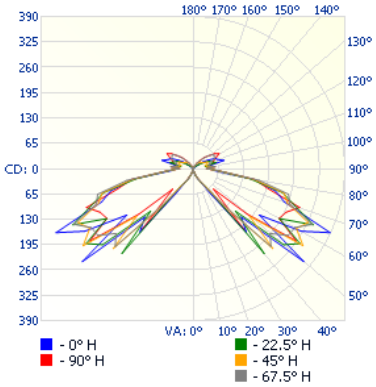
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17'	0		20.3'	25.1'
34'	0		40.6'	50.3'
51'	0		60.9'	75.4'
68'	0		81.2'	100.6'
85'	0		101.5'	125.7'
102'	0		121.8'	150.9'

Vert. Spread: 61.7° Hor. Spread: 73.0°

B15A-LA1-XX-40K-BR-L • 1 341 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	16.0	1.2%
0-40	72.5	5.4%
0-60	503.6	37.5%
60-90	629.6	46.9%
70-100	374.3	27.9%
90-120	147.4	11%
0-90	1 133.1	84.4%
90-180	209.2	15.6%
0-180	1 342.3	100%

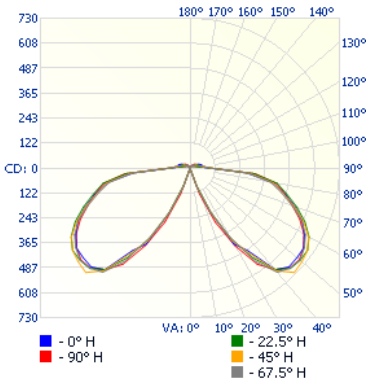
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17'	0		9.6'	64.1'
34'	0		19.2'	128.1'
51'	0		28.9'	192.2'
68'	0		38.5'	256.3'
85'	0		48.1'	320.3'
102'	0		57.7'	384.4'

Vert. Spread: 31.6° Hor. Spread: 124.1°

B15A-LA2-XX-40K-BR-C • 3 198 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	130.0	4.1%
0-40	467.2	14.6%
0-60	1 613.2	50.4%
60-90	1 402.4	43.8%
70-100	879.7	27.5%
90-120	148.6	4.6%
0-90	3 015.6	94.2%
90-180	185.6	5.8%
0-180	3 201.3	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17'	0		231.1'	222.2'
34'	0		462.1'	444.4'
51'	0		693.2'	666.5'
68'	0		924.2'	888.7'
85'	0		1 155.3'	1 110.9'
102'	0		1 386.4'	1 333.1'

Vert. Spread: 163.3° Hor. Spread: 162.6°

[1] Complete IES files available on our website.

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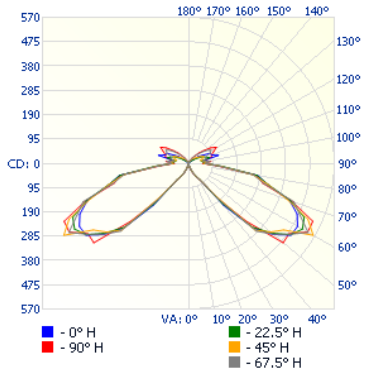
B15A-L

PHOTOMETRIC DATA[1]

B15A-LA2-XX-40K-BR-L • 2 082 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	23.5	1.1%
0-40	88.7	4.3%
0-60	782.3	37.5%
60-90	988.2	47.4%
70-100	576.2	27.7%
90-120	224.0	10.8%
0-90	1 770.5	85%
90-180	313.1	15%
0-180	2 083.7	100%

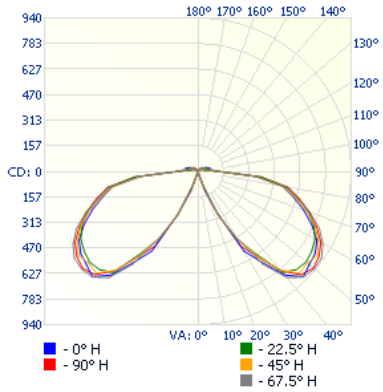
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17'	0		22.6'	106.9'
34'	0		45.1'	213.8'
51'	0		67.7'	320.6'
68'	0		90.2'	427.5'
85'	0		112.8'	534.4'
102'	0		135.3'	641.3'

Vert. Spread:67.1° Hor. Spread: 144.7°

B15A-LA3-XX-40K-BR-C • 4 098 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	152.8	3.7%
0-40	567.3	13.8%
0-60	2 035.0	49.6%
60-90	1 828.2	44.6%
70-100	1 139.3	27.8%
90-120	190.3	4.6%
0-90	3 863.2	94.2%
90-180	239.1	5.8%
0-180	4 102.3	100%

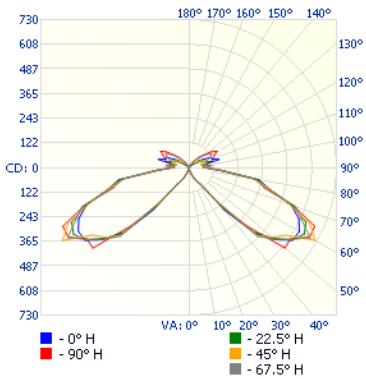
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17'	0		165.2'	21.7'
34'	0		330.5'	43.4'
51'	0		495.7'	65.1'
68'	0		661.0'	86.8'
85'	0		826.2'	108.5'
102'	0		991.5'	130.2'

Vert. Spread: 156.7° Hor. Spread:65.1°

B15A-LA3-XX-40K-BR-L • 2 667 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	30.1	1.1%
0-40	113.6	4.3%
0-60	1 002.2	37.5%
60-90	1 265.9	47.4%
70-100	738.1	27.7%
90-120	287.0	10.8%
0-90	2 268.0	85%
90-180	401.1	15%
0-180	2 669.2	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17'	0		22.6'	106.9'
34'	0		45.1'	213.8'
51'	0		67.7'	320.6'
68'	0		90.2'	427.5'
85'	0		112.8'	534.4'
102'	0		135.3'	641.3'

Vert. Spread:67.1° Hor. Spread: 144.7°

[1] Complete IES files available on our website.

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