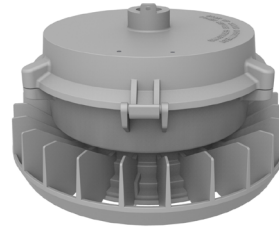
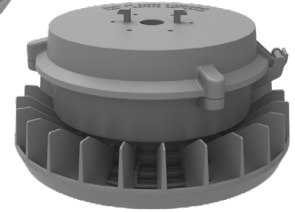


C4A-L HAZARDOUS LOCATION HIGH BAY

CLASS I, DIVISION 2, GROUPS A, B, C, D
 CLASS II, DIVISION 1, GROUPS E, F, G
 CLASS II, DIVISION 2, GROUPS F, G
 NON RECESSED MARINE LUMINAIRES
 OUTSIDE TYPE [SALT WATER]



Pendant adapter



Ceiling/Wall stanchion adapter

The C4A-L Hazardous Location LED high bay is designed for installations where moisture dirt dust corrosion and vibration may be present or in NEMA 3 and 4X locations where wind water snow or high ambient tem-

peratures can be expected. The C4A-L is also NEC/CEC certified to be used in hazardous environments where there is presence of flammable vapours or gases or combustible dusts.

FEATURES AND SPECIFICATIONS

CONSTRUCTION

Housing

- Rugged and resilient housing made of a copper-free aluminum corrosion resistant casting with separated driver compartment for improved thermal management. All exposed fasteners are quality stainless steel as well as high temperature quality silicone gasketing. Available in a grey casting colour and a superior electrostatic powder coating.

Temperature ratings

Based on the surface temperature of the fixture;

- Class I Division 2 is rated T4A, except for all the configurations that are 40 W and 347 V (will not exceed 120°C)
- Class II Division 1 Division 2 & Class III are rated T5 (will not exceed 100°C)

Ambient operating temperature

-40°C to +55°C

All the configurations 60W and 347 V have an ambient operating temperature of -40°C to +52°C

Ambient operating humidity

5% ~ 95% RH

Optics

Comes standard with a thermal shock and impact resistant tempered glass lens. Offered in a clear finish with a 110° beam angle

ELECTRICAL

Available in either A1 [45 W] or A2 [65 W] configurations with a lumen per watt ratio of 140 lm/W to 171 lm/W. Driver input voltage are 120-277 V or 347 V 50/60 Hz are non-dimmable and have 4kV integrated transient surge protection with a power factor >0.95. Durable high powered LUXEON LEDs with solder-less board connections for shock and vibration resistance. The C4A-L is offered in either 4 000 or 5 000 K with a colour rendering index [CRI] >70.

NEC/CEC STANDARDS

NEC500/CEC Section 18:

Existing plants

Hazloc C

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G

NEC505/CEC Section 18

Zones: New plants

Hazloc C

- Class I, Zone 2, Group IIC
- Zone 21

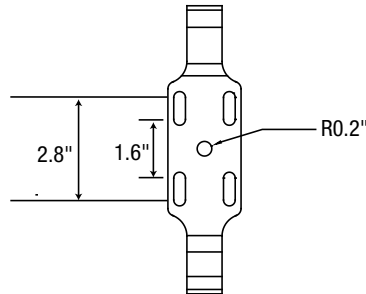
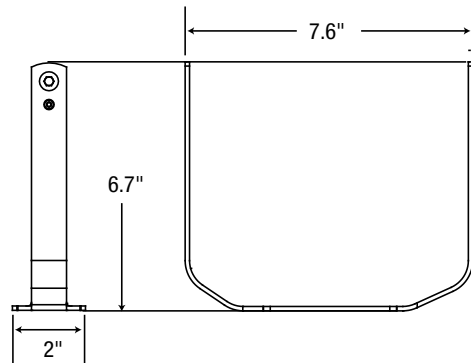
COMPLIANCES

- Meets requirements of ICES-005 issue 4 for class A products
- 5G vibration resistant in compliance with IEC60598-1 standard, CL-4.20
- IK08
- UL Standards
- UL1598A
- UL1598
- UL844
- UL8750
- CSA Standards
- CSA C22.2 No.250.0 250.13
- CSA C22.2 No.137

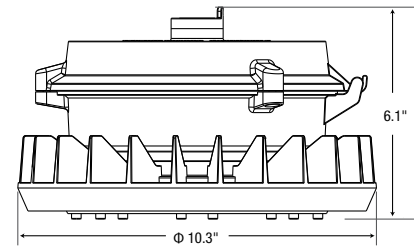
OVERVIEW			
LIGHT SOURCE	LED	COLOR TEMPERATURE [K]	4 000, 5 000
WATTS [W]	45-65 [120-277 V], 40-60 [347 V]	CRI	>70
LUMEN OUTPUT [LM]	6 750 - 9 750	WEIGHT [LBS]	9.26
EFFICACY [LM/W]	140 - 171		
       			

C4A-L

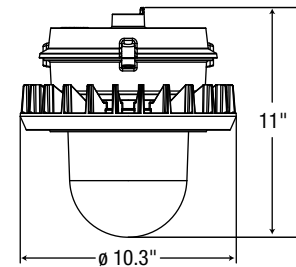
DIMENSIONS



WITH FLAT LENS GLASS



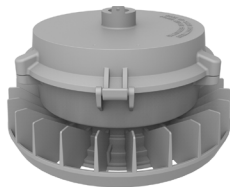
WITH DROP LENS



PART NUMBER	NET WEIGHT (LBS)	DIMENSIONS (LXWXH)
C4A-LA1	9.26	10.2 X 5.9"
C4A-LA2		

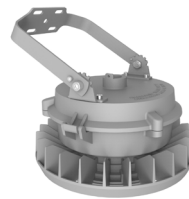
MOUNTINGS

PENDANT (STANDARD) MOUNTING ADAPTER "P"



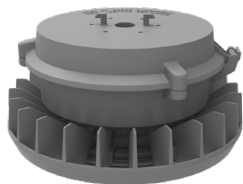
ACCESSORIES REQUIRED FOR OPTIONAL MOUNTING

CEILING/ WALL MOUNT

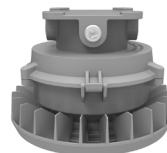


BKT761-HB

CEILING/WALL STANCHION (OPTIONAL ADAPTER) MOUNTING ADAPTER "J"



CEILING MOUNT



JB018

QUICK SHIP ORDERING GUIDE



PART NUMBER	MOUNTING ADAPTER	LENS TYPE	WATTS [W]	COLOR TEMP. [K]	LUMEN OUTPUT [LM]	EFFI- CACY [LM/W]	CRI	LIFE L70 [HRS]	LM80	LED CUR- RENT [MA]	PF	THD [%]	B.U.G. RATING	BEAM ANGLE [°]	CASE QTY [MAS- TER]
120-277 V															
C4A-LA2-2-C/40K-TP	PENDANT	CLEAR	65	4 000	9 750	144	70	54 000	9 000	43	0.99	11	B4-U0-G1	110	1
C4A-LA2-2-C/40K-DP		DIFFUSE	65	4 000	7 963	123	70	54 000	9 000	43	0.99	11	B4-U0-G1	110	1
C4A-LA2-2-C/50K-TP		CLEAR	65	5 000	9 750	150	70	54 000	9 000	43	0.99	11	B4-U0-G1	110	1
C4A-LA1-2-C/40K-TJ	CEILING/ WALL STANCHION	CLEAR	45	4 000	6 750	140	70	54 000	9 000	42	1.00	13	B4-U0-G1	110	1
C4A-LA2-2-C/50K-TJ		CLEAR	65	5 000	9 750	150	70	54 000	9 000	43	0.99	11	B4-U0-G1	110	1
347 V															
C4A-LA1-8-C/40K-TP	PENDANT	CLEAR	40	4 000	6 750	157	70	54 000	9 000	37	0.97	13	B4-U0-G1	110	1
C4A-LA1-8-C/50K-TP		CLEAR	40	5 000	6 750	156	70	54 000	9 000	37	0.97	13	B4-U0-G1	110	1
C4A-LA2-8-C/50K-TP		CLEAR	60	5 000	9 750	171	70	54 000	9 000	41	0.98	11	B4-U0-G1	110	1
C4A-LA1-8-C/40K-TJ	CEILING/ WALL STANCHION	CLEAR	40	4 000	6 750	157	70	54 000	9 000	37	0.97	13	B4-U0-G1	110	1
C4A-LA1-8-C/50K-TJ		CLEAR	40	5 000	6 750	156	70	54 000	9 000	37	0.97	13	B4-U0-G1	110	1
C4A-LA2-8-C/50K-TJ		CLEAR	60	5 000	9 750	171	70	54 000	9 000	41	0.98	11	B4-U0-G1	110	1

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

ACCESSORIES

TO BE USED WITH “J” MOUNTING ADAPTER (ORDER SEPARATELY)

PART #	DESCRIPTION
JB018	JUNCTION BOX NPT 3/4"



JB018

Junction box
NPT 3/4"

ACCESSOIRES

TO BE USED WITH “P” MOUNTING ADAPTER (ORDER SEPARATELY)

PART #	DESCRIPTION
BKT761-HB	U-BRACKET (SUS 304)



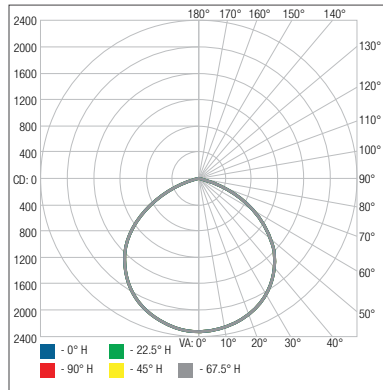
BKT761-HB

U-Bracket
(SUS 304)

PHOTOMETRIC DATA¹

C4A-LA1-2-C/40K-T • 6 289.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

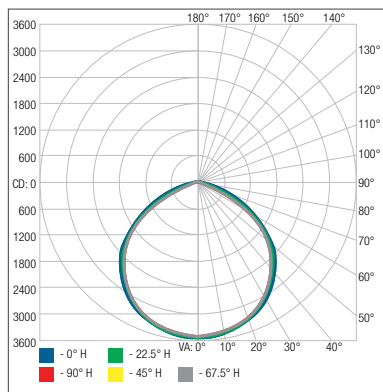
ZONE	LUMENS	% FIXTURE
0-30	1 829.0	29.1
0-40	3 018.5	48
0-60	5 338.3	84.9
60-90	950.6	15.1
0-90	6 289.0	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	804		5.1'	5.0'
3.3'	213		9.9'	9.6'
5.0'	93.0		14.9'	14.6'
6.7'	51.8		20.0'	19.5'
8.3'	33.7		24.8'	24.2'
10.0'	23.2		29.9'	29.2'
■ Vert. Spread: 112.4° ■ Hor. Spread: 111.1°				

C4A-LA2-2-C/40K-T • 9 337.9 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

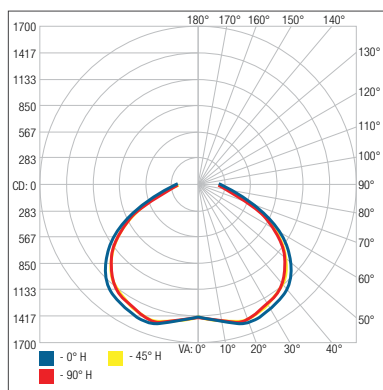
ZONE	LUMENS	% FIXTURE
0-30	2 777.8	29.7
0-40	4 572.2	49
0-60	8 007.4	85.8
60-90	1 330.4	14.2
0-90	9 337.9	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	1 230		5.1'	4.7'
3.3'	326		9.9'	9.1'
5.0'	142		15.1'	13.8'
6.7'	79.2		20.2'	18.5'
8.3'	51.6		25.0'	22.9'
10.0'	35.5		30.1'	27.6'
■ Vert. Spread: 112.8° ■ Hor. Spread: 108.2°				

C4A-LA1-2-C-40K-L • 5 962.9 LM

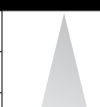
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 294.9	21.7
0-40	2 236.8	37.5
0-60	4 340.1	72.8
60-90	1 622.8	27.2
0-90	5 962.9	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17.0'	4.98		67.0'	73.8
34.0'	1.24		134.1'	147.6
51.0'	0.55		201.1'	221.5
68.0'	0.31		268.2'	295.3
85.0'	0.20		335.2'	369.1
102.0'	0.14		402.3'	442.9
■ Vert. Spread: 126.2° ■ Hor. Spread: 130.5°				

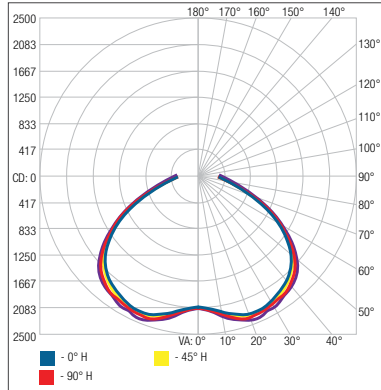
¹ Complete IES files available on our website.

C4A-L

PHOTOMETRIC DATA¹ (CONT'D)

C4A-LA2-2-C-40K-L • 8 934.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 940.3	21.7
0-40	3 359.0	37.6
0-60	6 502.7	72.8
60-90	2 431.9	27.2
0-90	8 934.6	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
17.0'	7.21	67.6'	67.8'
34.0'	1.80	135.3'	135.6'
51.0'	0.80	202.9'	203.4'
68.0'	0.45	270.6'	271.2'
85.0'	0.29	338.2'	339.0'
102.0'	0.20	405.9'	406.8'

■ Vert. Spread: 126.6° ■ Hor. Spread: 126.7°

¹ Complete IES files available on our website.

All products are subject to change or may be discontinued any time without notice.
 Please consult our chemical resistance guide to ensure selection of the proper product for your application.