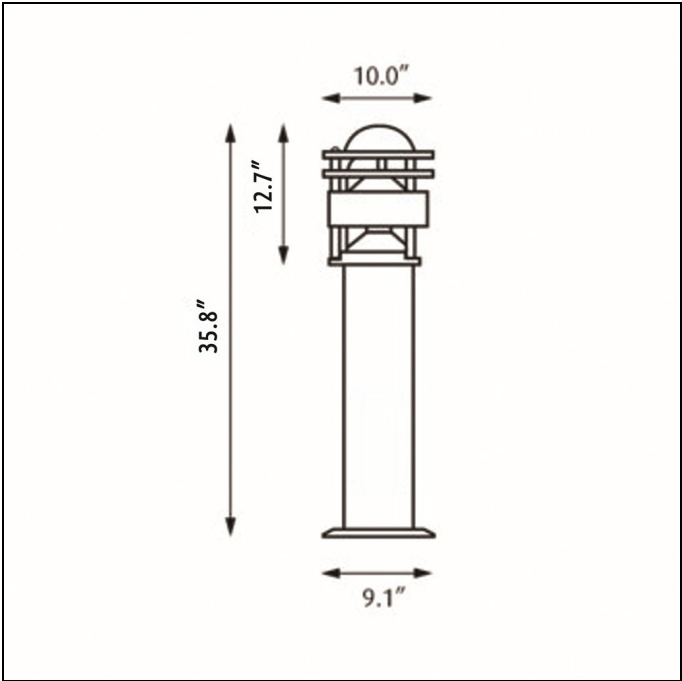# Albertslund Bollard

Design	Jens Møller-Jensen
Concept	The fixture provides a wide symmetrical illumination. The design of the reflector ring combined with the internal reflector ensures the majority of the light is directed downward. The anti-glare ring shields the lamp from direct view.
Finish	Graphite grey, natural painted aluminum or white, powder coated.
Material	Enclosure: Injection molded clear U.V. stabilized polycarbonate. Reflector: White, spun aluminum. Ring: Die cast. Anti-glare ring: Spun aluminum. Top: Die cast aluminum. Post: Extruded aluminum. Base plate: Die cast aluminum.
Mounting	Base plate dimension: 9.1" diameter. Base plate: Mounted to a concrete base with 3 anchor bolts.
Weight	Max. 34 lbs.
Label	cULus, Wet location. IBEW.

Product Code	Light source	Voltage	Finish
ALB-B	1/100W/MH/ED-17 medium	120/277V	GRAPH
			NAT PAINT ALU
			WHT

louis
poulsen

Albertslund Bollard

PRODUCT SPECIFICATION

Product description

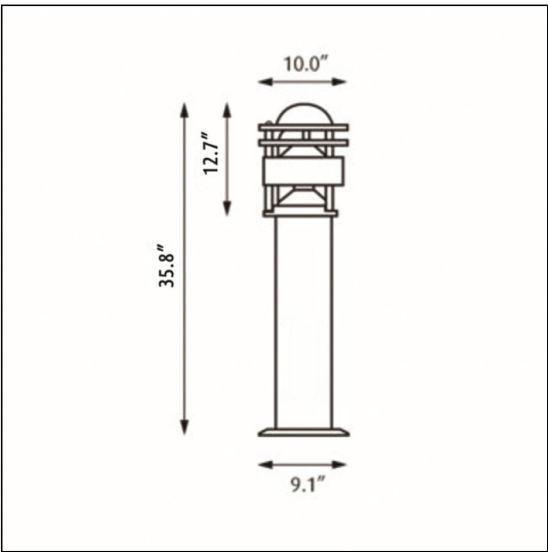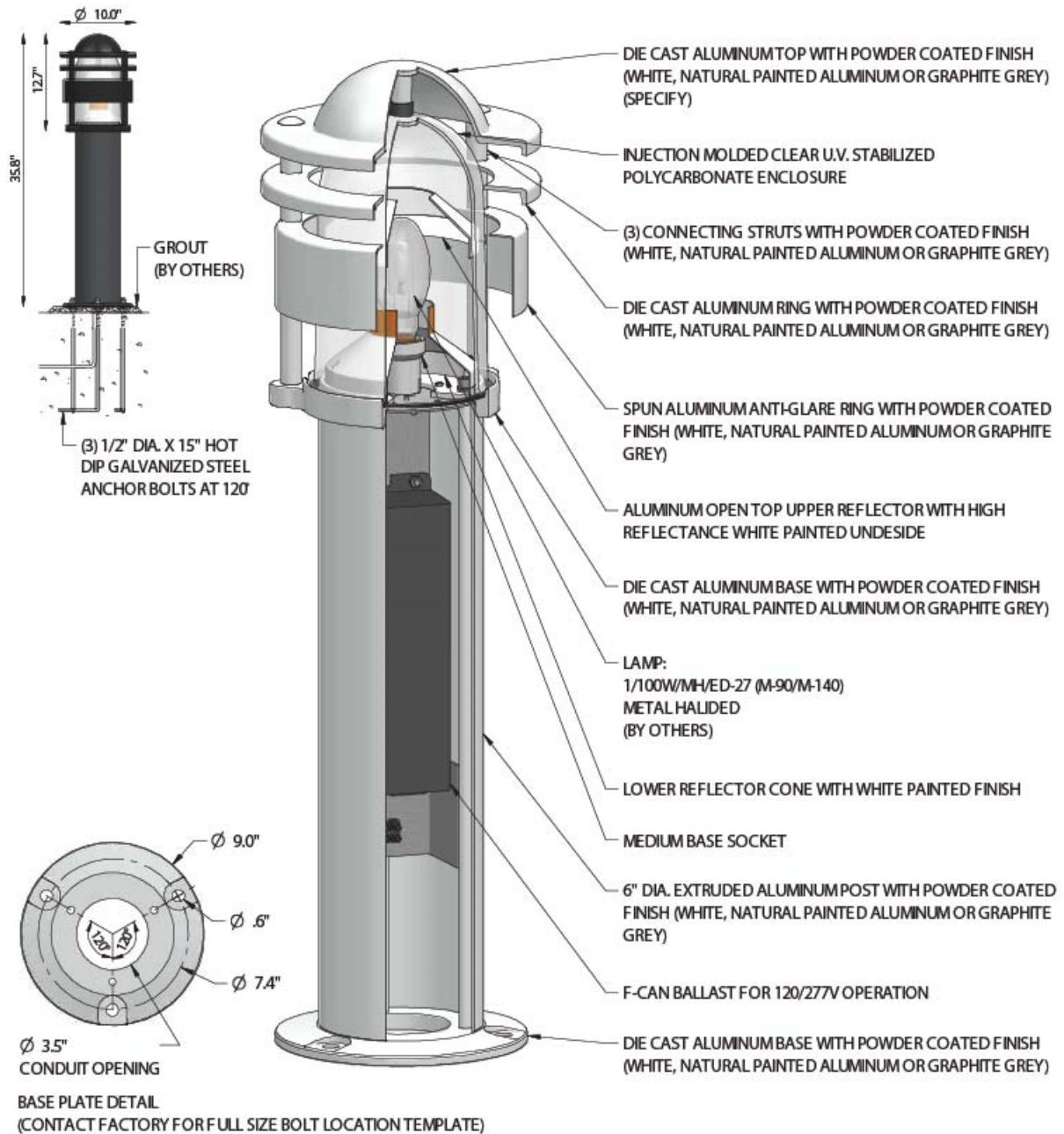|	
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Albertslund Bollard

Material description

DIE CAST ALUMINUM TOP WITH POWDER COATED FINISH (WHITE, NATURAL PAINTED ALUMINUM OR GRAPHITE GREY) (SPECIFY)

INJECTION MOLDED CLEAR U.V. STABILIZED POLYCARBONATE ENCLOSURE

(3) CONNECTING STRUTS WITH POWDER COATED FINISH (WHITE, NATURAL PAINTED ALUMINUM OR GRAPHITE GREY)

DIE CAST ALUMINUM RING WITH POWDER COATED FINISH (WHITE, NATURAL PAINTED ALUMINUM OR GRAPHITE GREY)

SPUN ALUMINUM ANTI-GLARE RING WITH POWDER COATED FINISH (WHITE, NATURAL PAINTED ALUMINUM OR GRAPHITE GREY)

ALUMINUM OPEN TOP UPPER REFLECTOR WITH HIGH REFLECTANCE WHITE PAINTED UNDESIDE

DIE CAST ALUMINUM BASE WITH POWDER COATED FINISH (WHITE, NATURAL PAINTED ALUMINUM OR GRAPHITE GREY)

LAMP:
1/100W/MH/ED-27 (M-90/M-140)
METAL HALIDED
(BY OTHERS)

LOWER REFLECTOR CONE WITH WHITE PAINTED FINISH

MEDIUM BASE SOCKET

6" DIA. EXTRUDED ALUMINUM POST WITH POWDER COATED FINISH (WHITE, NATURAL PAINTED ALUMINUM OR GRAPHITE GREY)

F-CAN BALLAST FOR 120/277V OPERATION

DIE CAST ALUMINUM BASE WITH POWDER COATED FINISH (WHITE, NATURAL PAINTED ALUMINUM OR GRAPHITE GREY)

Ø 10.0"

12.7"

35.8"

GROUT
(BY OTHERS)

(3) 1/2" DIA. X 15" HOT DIP GALVANIZED STEEL ANCHOR BOLTS AT 120°

Ø 9.0"

Ø .6"

Ø 7.4"

Ø 3.5"
CONDUIT OPENING

BASE PLATE DETAIL
(CONTACT FACTORY FOR FULL SIZE BOLT LOCATION TEMPLATE)

Albertslund Bollard
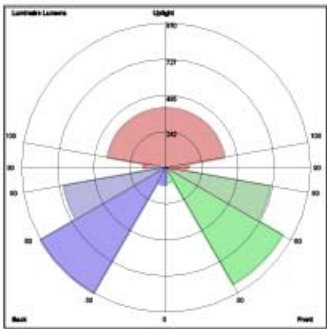
Light Measurements

Photometric Report: ALB-1-100W-MH
Report No.: LP0958
Poulsen Report No.: ALB-1-100W-MH
Luminaire: ALBERTSLUND BOLLARD
Lamp: 1/100W/MH/ED17
Efficiency: 50%
Description: All data shown are per 8500 lumens. This report can be used for calculation on all versions listed below. Use only actual lumen data calculating.
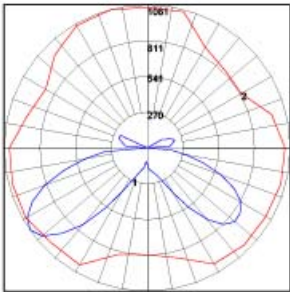
Candlepower Distribution

Vertical Angle	Candela
0	123.93
5	121.50
15	182.25
25	267.30
35	568.62
45	884.52
55	1042.47
65	903.96
75	597.78
90	0.00
120	0.00
150	0.00
180	0.00

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-20	69.66	0.80	1.60
0-30	209.12	2.50	4.90
0-40	563.25	6.60	13.20
0-60	2081.63	24.50	48.80
0-80	3486.04	41.00	81.70
0-90	3727.92	43.90	87.30
10-90	3714.03	43.70	87.00
20-40	493.59	5.80	11.60
20-50	1150.00	13.50	26.90
40-70	2343.28	27.60	54.90
60-80	1404.41	16.50	32.90
70-80	579.51	6.80	13.60
80-90	241.89	2.80	5.70
90-110	366.21	4.30	8.60
90-120	528.87	6.20	12.40
90-130	541.44	6.40	12.70
90-150	541.44	6.40	12.70
90-180	541.44	6.40	12.70
110-180	175.23	2.10	4.10
0-180	4269.37	50.20	100.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL – Front-Low (0-30)	98.5	1.2	2.3
FM – Front-Medium (30-60)	902.6	10.6	21.1
FH – Front-High (60-80)	710.0	8.4	16.6
FVH – Front-Very High (80-90)	124.9	1.5	2.9
BL – Back-Low (0-30)	110.6	1.3	2.6
BM – Back-Medium (30-60)	969.9	11.4	22.7
BH – Back-High (60-80)	694.5	8.2	16.3
BVH – Back-Very High (80-90)	117.0	1.4	2.7
UL – Uplight-Low (90-100)	145.3	1.7	3.4
UH – Uplight-High (100-180)	396.1	4.7	9.3
Total	4269.4	50.4	100.0
BUG Rating	B2-U3-G2		

Albertslund Bollard

Design Alfred Homann
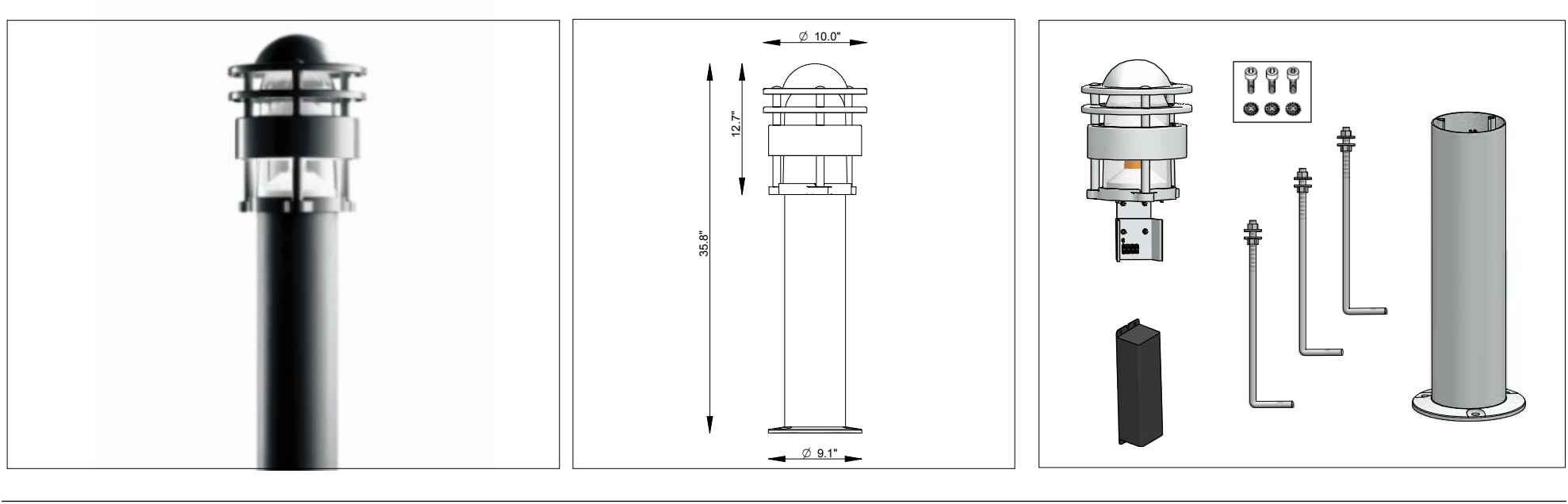
Light source	Voltage	Weight	Electric shock protection	Ingress protection
1/100W/MH/ED-17 medium	**120/277V**	**34 Lbs**	**Grounded**	**Wet location**

Recommended cleaning substances:

Wipe off dust with a dry, soft cloth. Remove greasy spots etc. with a soft cloth dampe-ned in lukewarm water (<122° F/ 50° C) with a mild detergent.

Warning: Scouring powder and similar substances will scratch surfaces.

All installation is subject to local code and jurisdiction.

Consult a qualified electrician to ensure correct branch circuit conductor.

The installer must ensure that the foundation is stable and can support the luminiare's weight.

The Installer must use proper means to secure the luminiare to the ground.

6 mm
8 mm

∅ 9.1
∅ .6
∅ 7.5

Fasten the base to the anchor bolts.

2x

8 mm
3x

6 mm
3x

2x

Only use light source in accordance to the lamp replacement label on the luminaire

8 mm

3x

3x