

# Waterfront LED

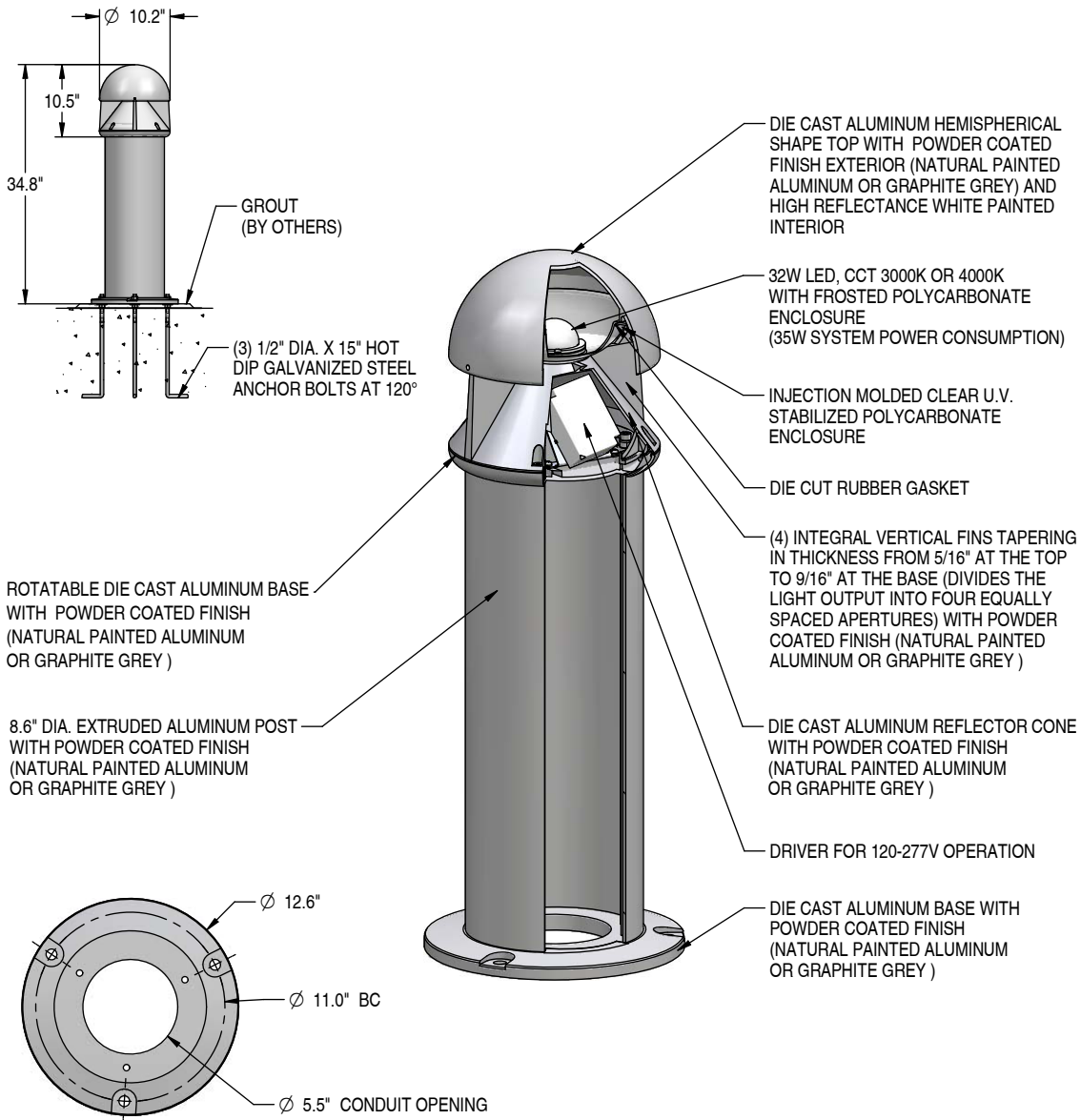
Bollards

Design: Dan Borgen Hasløv

Type:

Project:

Catalog Number:



NOTES:  
LED TECHNOLOGY IS RAPIDLY CHANGING. LEDS ARE MADE IN LOTS AND SORTED INTO BINS BASED ON WAVELENGTHS RANGES THAT ACHIEVE COLORS. PRODUCTS ORDERED AT DIFFERENT TIMES MAY NOT HAVE THE SAME COLOR APPEARANCE.



# Waterfront LED

Photometric Report: WAT LED ITL67360.IES

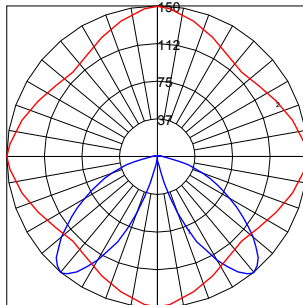
Report No.: ITL67360.IES

Poulsen Report No.: WAT LED ITL67360

Luminaire: WATERFRONT

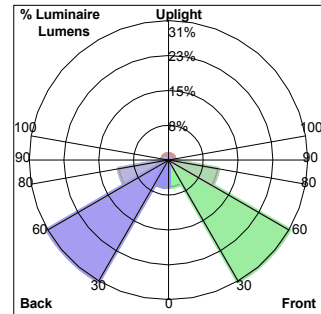
Lamp: 35W LED

Description: AAll data shown are per 419.9 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	0.0
5	3.3
10	8.3
25	93.3
40	149.8
55	103.9
70	47.9
85	7.9
90	5.6
120	1.4
150	0.0
180	0.0



LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	24.6	N.A.	5.9
FM - Front-Medium (30-60)	129.7	N.A.	30.9
FH - Front-High (60-80)	46.6	N.A.	11.1
FVH - Front-Very High (80-90)	4.2	N.A.	1.0
BL - Back-Low (0-30)	24.6	N.A.	5.9
BM - Back-Medium (30-60)	129.7	N.A.	30.9
BH - Back-High (60-80)	46.6	N.A.	11.1
BVH - Back-Very High (80-90)	4.2	N.A.	1.0
UL - Uplight-Low (90-100)	4.3	N.A.	1.0
UH - Uplight-High (100-180)	5.4	N.A.	1.3
Total	419.9	N.A.	100.0
BUG Rating	B0-U1-G0		

## Design

Dan Borgen Hasløv

## Concept

The fixture emits 100% glare-free downward light. The light distribution is symmetric and soft. The four supports create an comfortable symmetric light pattern at ground level.

## Finish

Graphite grey or natural painted aluminum, powder coated.

## Material

Enclosure: Injection molded clear polycarbonate. Housing: Die cast aluminum. Top: Die cast aluminum. Post: Extruded aluminum. Base plate: Die cast aluminum.

## Mounting

Base plate dimension: 12.6" diameter. Base plate: Mounted to a concrete base with 3 anchor bolts.

## Weight

Max. 35 lbs.

## Label

cULus, Wet location. IBEW.

Product code	Light source	Voltage	Finish
WAT	35W LED/3000K 35W LED/4000K	120-277V	GRAPH NAT PAINT ALU

## Specification notes:

- LED variants provided with one 120-277V electronic driver.
- All LED wattages are system power.

## Info notes:

- The bollard is supplied without basecover.
- LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see [www.louispoulsen.com](http://www.louispoulsen.com).

