



Catalog #		Type
Project		LED BOLLARD
Comments		
Prepared By		



All parts are durable Aluminum Extruded Tube with .080 Spun aluminum Roof with supports fabricated for maximum strength.

Standard White Frosted Premium Acrylic or
Clear Frosted Premium Acrylic

ALTA Long Life, high-efficiency, surface mount LEDs mounted on MPCB Aluminum Boards

100,000 hour LED lifespan based on IES
LM-80 results and TM-21 calculations

0-10V Dimming Driver for 120/277 volt,
Constant Current, metal case, 5 year war-
ranty

ETL Listed for US and Canada for
Wet Location

ORDERING INFORMATION

Series	Style	Size	Lamp	Finish	Standard Lens	Options
BIR	Bollard	30"	12W 24W 36W	Architectural Bronze (AB) Textured Bronze (TBR) Matte Black (MBK) Semi Gloss Black (GBK) Textured Black (TBK) Textured Rust (TR) Matte White (MW) Textured White (TW) Gloss White (GW) Metallic Grey (MG) Brushed Aluminum (BA) adder Metallic Nickel (MN) Textured Verde Patina (TVP) Satin Brass (SB) Copper Vein (CV) Gold Vein (GV) Silver Vein (SV) Chrome (CH)	White Frosted (WF) Clear Frosted (CFA)	LED EMR - Up to 24W OCC Sensors Photo Cell Control
		42"	12W 24W 36W		Optional Lens White Alabaster (WA) Honey Onyx (HO) Natural Horn (NH) Beige Alabaster (BA) Honey Swirl (HS)	

DELIVERED LUMENS PER WATT

2700K = 80
3000K = 90
3500K = 100
4100K = 110
5000K = 120

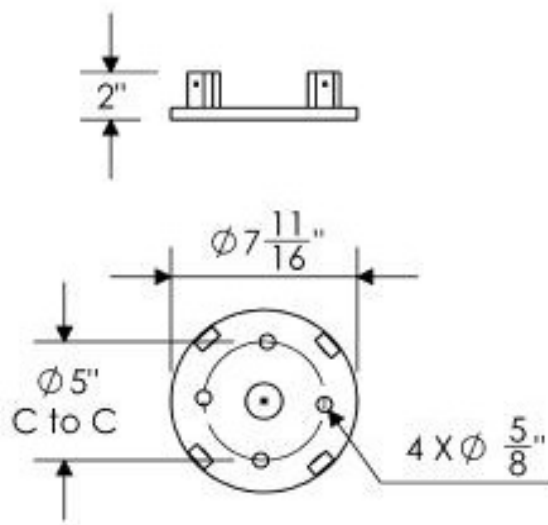
Evergreen Lighting
www.evergreenlighting.com



BIRCHWOOD BOLLARD SERIES

Instruction Sheet

Mounting Template



Mounting

Standard anchor bolts are 3/8" X 12" X 3". Bolts, nuts, and washers shall be hot dipped galvanized steel.

Warranty: Evergreen Lighting warrants Bollard LED products sold by Evergreen Lighting to be free from defects in material and workmanship for a period of One year for metal parts, a period of five 5 years for exterior housing powdercoat finish, a period of five 5 years for LED Light Engines and, a period of five 5 years for LED power components (driver), from the date of sale of such goods to the buyer as specified in Evergreen Lighting shipment documents for each product.

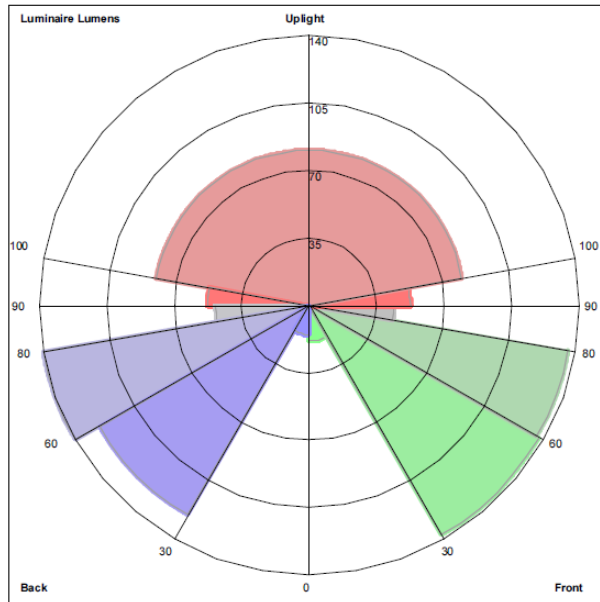


BIRCHWOOD BOLLARD SERIES

Photometrics

BIR-B-24W

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH

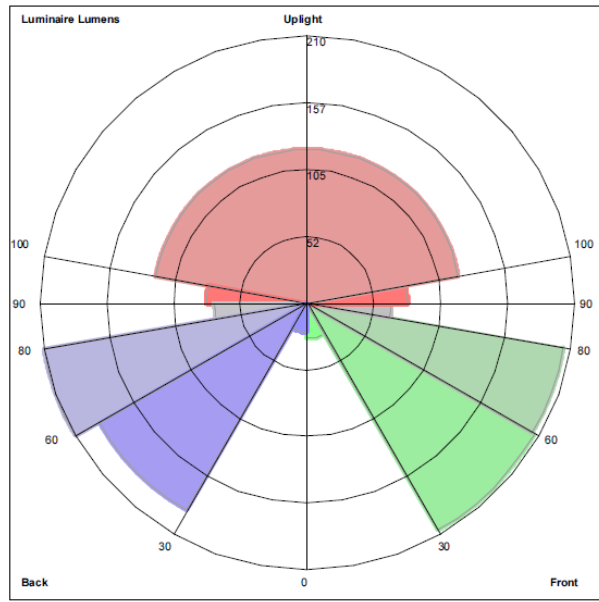


Luminaire Lumens:
Front: Low=18.4, Medium=137.3, High=136.0, Very High=43.9
Back: Low=15.1, Medium=125.4, High=139.7, Very High=48.4
Uplight: Low=52.5, High=80.3

BUG Rating : B1-U3-G1

BIR-B-36W

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=27.6, Medium=205.9, High=204.0, Very High=65.9
Back: Low=22.7, Medium=188.1, High=209.6, Very High=72.6
Uplight: Low=78.7, High=120.4

BUG Rating : B1-U3-G1

Evergreen Lighting
www.evergreenlighting.com

