



### Dark Sky LED Walkway Bollard

**Features**  
The LED Full-Cutoff bollard with a color of casting options, is designed to provide lighting performance up to 200 feet or more. This bollard is ideal for retail centers, residential parks, schools and universities, public transit and sports, athletic and entertainment facilities.

**Product Overview**  

Type	Outdoor Bollard
Voltage	120V
Luminaire Output	100W
Color Temp	3000K, 4000K, 5000K
Standard Height	42 inches
Dimension	4 1/2 inches

**Project:** [Silhouette of person] **Type:** [Bollard]

**Mounting Options:** Mounting kit with 2" anchor bolts included. Cannot be pre-wired.

**Finish:** Premium quality thermal powder-coated for a durable finish over a stainless steel construction. Custom colors available upon request.

### DS770FC Series Dark Sky Acorn

**Features**  
Lighting for exterior retail, commercial and hospitality environments. The DS770FC Series consists of an aluminum frame and cage assembly with a non-bleed-through Full-Cutoff lens for Dark Sky friendly applications. Approved by the International Dark Sky Association.

**Product Overview**  

Model	DS 444, 450, 456, 460, 466, 472, 478, 484, 490, 496, 502, 508, 514, 520, 526, 532, 538, 544, 550, 556, 562, 568, 574, 580, 586, 592, 598, 604, 610, 616, 622, 628, 634, 640, 646, 652, 658, 664, 670, 676, 682, 688, 694, 700, 706, 712, 718, 724, 730, 736, 742, 748, 754, 760, 766, 772, 778, 784, 790, 796, 802, 808, 814, 820, 826, 832, 838, 844, 850, 856, 862, 868, 874, 880, 886, 892, 898, 904, 910, 916, 922, 928, 934, 940, 946, 952, 958, 964, 970, 976, 982, 988, 994, 1000
Weight	34 lbs (444), 36 lbs (450), 38 lbs (456), 40 lbs (460), 42 lbs (466), 44 lbs (472), 46 lbs (478), 48 lbs (484), 50 lbs (490), 52 lbs (496), 54 lbs (502), 56 lbs (508), 58 lbs (514), 60 lbs (520), 62 lbs (526), 64 lbs (532), 66 lbs (538), 68 lbs (544), 70 lbs (550), 72 lbs (556), 74 lbs (562), 76 lbs (568), 78 lbs (574), 80 lbs (580), 82 lbs (586), 84 lbs (592), 86 lbs (598), 88 lbs (604), 90 lbs (610), 92 lbs (616), 94 lbs (622), 96 lbs (628), 98 lbs (634), 100 lbs (640), 102 lbs (646), 104 lbs (652), 106 lbs (658), 108 lbs (664), 110 lbs (670), 112 lbs (676), 114 lbs (682), 116 lbs (688), 118 lbs (694), 120 lbs (700), 122 lbs (706), 124 lbs (712), 126 lbs (718), 128 lbs (724), 130 lbs (730), 132 lbs (736), 134 lbs (742), 136 lbs (748), 138 lbs (754), 140 lbs (760), 142 lbs (766), 144 lbs (772), 146 lbs (778), 148 lbs (784), 150 lbs (790), 152 lbs (796), 154 lbs (802), 156 lbs (808), 158 lbs (814), 160 lbs (820), 162 lbs (826), 164 lbs (832), 166 lbs (838), 168 lbs (844), 170 lbs (850), 172 lbs (856), 174 lbs (862), 176 lbs (868), 178 lbs (874), 180 lbs (880), 182 lbs (886), 184 lbs (892), 186 lbs (898), 188 lbs (904), 190 lbs (910), 192 lbs (916), 194 lbs (922), 196 lbs (928), 198 lbs (934), 200 lbs (940), 202 lbs (946), 204 lbs (952), 206 lbs (958), 208 lbs (964), 210 lbs (970), 212 lbs (976), 214 lbs (982), 216 lbs (988), 218 lbs (994), 220 lbs (1000)
Lower Output	8000K, 4000K
Color Temp	8000K, 4000K
Dimming	0-10V dimming

**Project:** [Acorn fixture] **Type:** [Acorn]

**Mounting Options:** Mounting kit with 2" anchor bolts included. Cannot be pre-wired.

**Finish:** Premium quality thermal powder-coated for a durable finish over a stainless steel construction. Custom colors available upon request.

### SYLVANIA Luminaires UltraLED CCT Selectable Non-Cutoff Wall Pack

**Application:** The Wall Pack luminaires are environmentally preferable LED alternatives to traditional HID luminaires. Offering up to 75% in energy savings, they are ideal for outdoor applications, such as parking lots, walkways, and outdoor corridors, walkways, and stairwells.

**Benefits and Features:**  

- LED technology and wattage and lumen selection provides high energy efficiency and reduces the product's carbon footprint.
- Integral photocell included.
- Optional emergency battery back-up on selected wattages.
- Traditional sizes allow seamless replacement of existing luminaires.
- Up to 120 lumens.
- 3000K, 4000K and 5000K color temperatures.
- CR 100.
- Operates in 10, 40, 60, 80, or 120 watts.
- Energy savings up to 75%.

**Electrical:**  

- 120V/277V.
- Power Factor >99%.
- 160-200W.
- 1/2-1/2" diameter (if applicable).

**Rated Life:**  

- 100,000 hours (L80@70°C).

**Warranty:**  

- 5-year.

**Ambient Operating Range:**  

- 40°F to +122°F (4°C to +50°C).
- 32°F to +122°F (0°C to +50°C) - Emergency Ventilation.

**Installation:**  

- Luminaires mount to exterior wall.

**Mounting Options:** Mounting kit with 2" anchor bolts included. Cannot be pre-wired.

**Finish:** Premium quality thermal powder-coated for a durable finish over a stainless steel construction. Custom colors available upon request.

### 4" Extruded Series

**Features**  
The 4" extruded series luminaire features a choice of three different shades. Accepts wide variety of Amerlux pole top luminaires.

**Material:**  

- Base: Cast aluminum (DS770).
- Shade: Extruded aluminum (DS770).
- Anodized aluminum (DS770).

**Project:** [Extruded luminaire] **Type:** [Extruded]

**Mounting Options:** Mounting kit with 2" anchor bolts included. Cannot be pre-wired.

**Finish:** Premium quality thermal powder-coated for a durable finish over a stainless steel construction. Custom colors available upon request.

Label	Qty	Symbol	Manufacture	Description	LLF	Arr. Watts	Arr. Lum. Lumens
A	18	○	amerlux	AB5-3K-360D Light Source at 40 inches	0.850	18.9	674
B	13	○	Amerlux LLC	DS77FC 4M T3 30 S30M Light Source at 12'	0.850	79.38	8966
C	1	○	Amerlux LLC	DS77FC 4M T3 30 S30M Light Source at 12'	0.850	188.76	17132
D	2	○	Amerlux LLC	DS77FC 4M T3 30 S30M Light Source at 10'	0.850	79.38	8966
E	1	○	Amerlux LLC	DS77FC 4M T3 30 S30M BLS Light Source at 12'	0.850	79	6775

  

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Bollard Lighting	ILLUMINANCE	Fc	0.94	12.6	0.0	N.A.	N.A.
Project Area All Values	ILLUMINANCE	Fc	1.20	18.7	0.0	N.A.	N.A.
Property Line	ILLUMINANCE	Fc	0.00	0.0	0.0	N.A.	N.A.
Hardscape Parking	ILLUMINANCE	Fc	2.20	18.7	0.1	22.00	187.00

**NOTES:**  
1. The calculated results of this lighting simulation represent a prediction of system performance and are not guaranteed.  
2. Actual measured results may vary from the anticipated performance and are subject to means and conditions which are beyond the control of DB Lighting Consultation.  
3. Illumination values shown (in foot-candles) are horizontal at grade level based on Mounting Height Marked "MH"  
4. Calculation points are on an 8' x 8' spacing  
5. Per fixture isolines shown represent 0.25 fc and is for reference only

Rev	Date	Comments
A	03/05/21	Initial Layout
B	03/18/21	Relocated Pole
C	03/22/21	Fixture Changes and Additions

  

Project Name:	Hyde Park - Alternate
Drawn by:	D Brownell
Project ID#:	AME-2780
Date:	3/22/2021

  

Rev:	C
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Not to Scale