

# Path & Spread

12V Integrated LED



	Side Throw Bollard		Mission Bollard																																									
Finishes	AZT (shown), BKT	Additional Finishes	AZT (shown), BKT	Additional Finishes																																								
Color Temperature	2800K - Warm White	 BKT	2800K - Warm White	 BKT																																								
Item Number and Finish	16132 AZT28 16132 BKT28		16133 AZT28 16133 BKT28																																									
Housing	Cast Aluminum with Weathered White Glass		Cast Aluminum with Weathered White Glass																																									
Power Usage at 12V AC Input, VA and Watts	3.5W, 5.67VA		3.5W, 5.67VA																																									
CRI	80+		80+																																									
Voltage Range	9V-15V AC/DC with no loss in light output		9V-15V AC/DC with no loss in light output																																									
Light Source	Directional aiming light engine utilizing 3 high output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.		Omni-directional light engine utilizing 3 high output LEDs with 3-step binning for color consistency. Tested to a Lumen Maintenance L70 of 40,000 hrs.																																									
Delivered Lumens & Efficacy	2800K = 224 Lm 2800K = 64 Lm/W		2800K = 224 Lm 2800K = 64 Lm/W																																									
Wiring	20" of usable #18-2, SPT-2W leads. Cable connectors supplied.		20" of usable #18-2, SPT-2W leads. Cable connectors supplied.																																									
Notes	<b>Customer is required to purchase one of the accessories below for installation</b>		<b>Customer is required to purchase one of the accessories below for installation</b>																																									
Accessories	<b>Required for installation:</b> 15671ST Bollard Template Kit (concrete or paver applications) 15578BK Bollard Mounting Stake (soil applications)																																											
Dimensions																																												
Photometrics	<table border="1"> <tr> <th>Distance from Light</th> <td>0'</td><td>1'</td><td>2'</td><td>3'</td><td>4'</td><td>5'</td><td>6'</td><td>7'</td><td>8'</td> </tr> <tr> <th>Foot-candles (FC)</th> <td>.07</td><td>.68</td><td>.7</td><td>.55</td><td>.37</td><td>.25</td><td>.16</td><td>.11</td><td>.08</td> </tr> </table>		Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot-candles (FC)	.07	.68	.7	.55	.37	.25	.16	.11	.08	<table border="1"> <tr> <th>Distance from Light</th> <td>0'</td><td>1'</td><td>2'</td><td>3'</td><td>4'</td><td>5'</td><td>6'</td><td>7'</td><td>8'</td> </tr> <tr> <th>Foot-candles (FC)</th> <td>.06</td><td>.5</td><td>.5</td><td>.33</td><td>.21</td><td>.15</td><td>.09</td><td>.06</td><td>.04</td> </tr> </table>		Distance from Light	0'	1'	2'	3'	4'	5'	6'	7'	8'	Foot-candles (FC)	.06	.5	.5	.33	.21	.15	.09	.06	.04
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