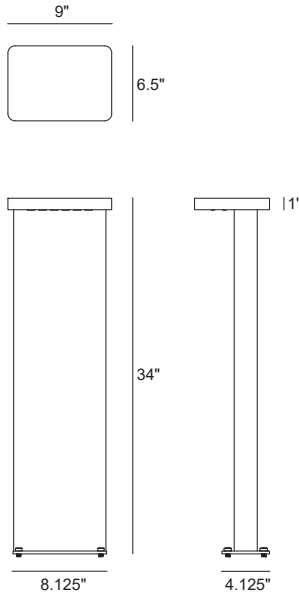


\*Shown with optional base cover



## RTx4 4452 Bollard with Distribution

INTERIOR/EXTERIOR

MODEL	WATTS	COLOR TEMPERATURE	VOLT	DISTRIBUTION	OPTIONS	COLOR
4452	20L <i>20 watts<sup>1</sup> 2114 lumens<sup>2</sup></i>	40* <i>4000K</i>	120*	T2 <i>type II distribution</i>	DIM <i>0 - 10 volt dimming</i>	WT <i>white texture</i>
		30 <i>3000K</i>	208	T3 <i>type III distribution</i>	EM <i>integral emergency battery</i>	BT <i>black texture</i>
	14L <i>14 watts<sup>1</sup> 1586 lumens<sup>2</sup></i>		240		BCS <i>base cover</i>	SM <i>silver metallic</i>
			277			AN <i>aluminum natural</i>
						BZ <i>bronze</i>
						GM <i>gunmetal</i>
						WS <i>white satin</i>
						BM <i>black matte</i>
						RAL <i>specify no.</i>

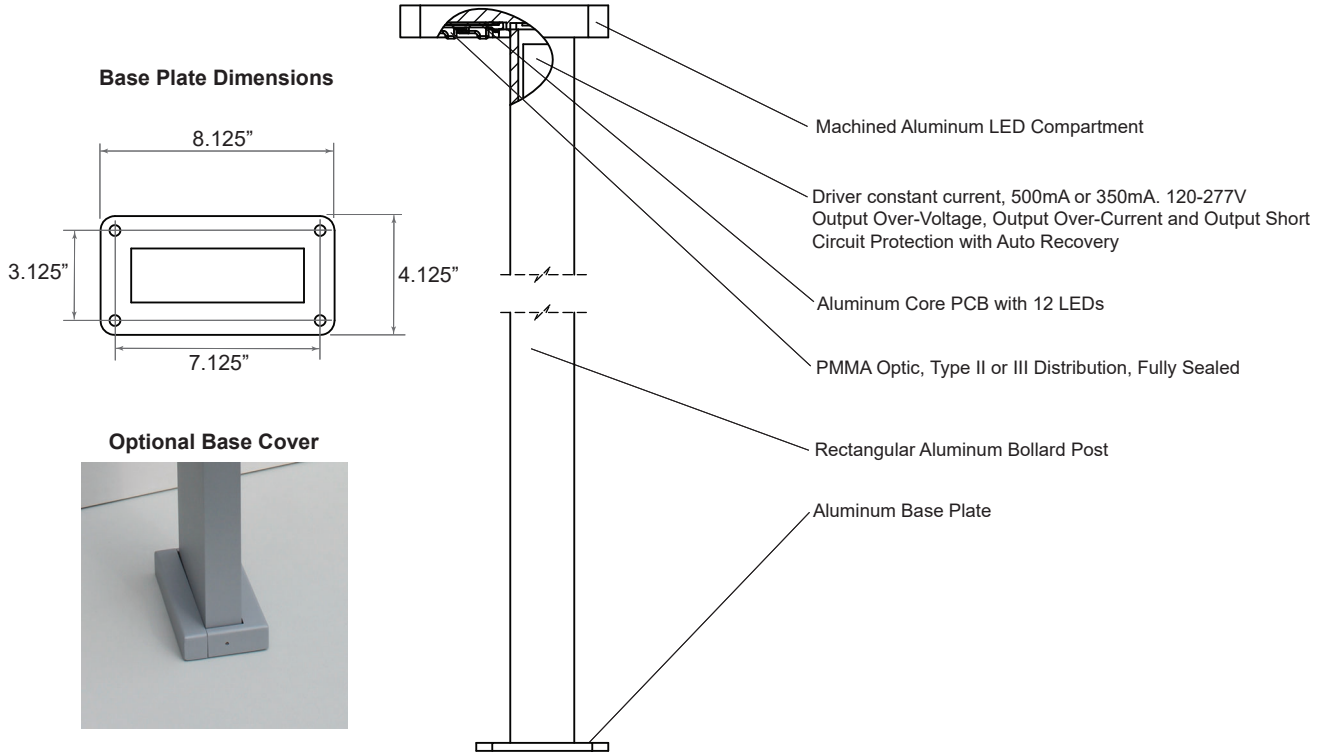
\*Standard configuration unless otherwise specified

<sup>1</sup>Nominal LED Power <sup>2</sup>Delivered (4000K, 80CRI, T3), lumens per module

SAMPLE CATALOG NUMBER: 4452 - 20L - 40 - 120 - T2 - DIM - WT

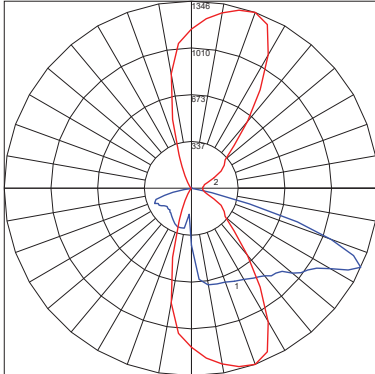
Using this catalog number would order 1 model 4452 bollard luminaire with a 20 watt LED module with a color temperature of 4000K wired to 120 volts, type II optic, 0 to 10 volt dimming driver, painted white texture polyester powder coat.

CONSTRUCTION	MOUNTING	OPTICAL	PROTECTION
<p><b>Materials</b> All aluminum construction, stainless steel tamper resistant hardware, fully sealed PMMA optic.</p> <p><b>Electrical Components</b> Integral constant current driver 500mA or 350mA. Aluminum core PCB with 12 LEDs, 80 CRI standard. Optional dimming driver compatible with IEC60929:2006 0-10V ballast controls.</p>	<p>The RTx4 4452 is designed to mount to a concrete base (by others). Anchor bolts are provided. Base plate is welded to bollard shaft. Base cover is offered as an option.</p>	<p>The RTx4 4452 luminaire uses a highly efficient silicone-sealed optical lens assembly with excellent temperature and UV stability to ensure long optical life clarity. Two standard distribution optics are available, type II and III.</p>	<p>The RTx4 4452 is listed for use in wet locations to UL and CSA Standards. Reported L70 &gt; 50,000 hours. IP65 rated.</p>



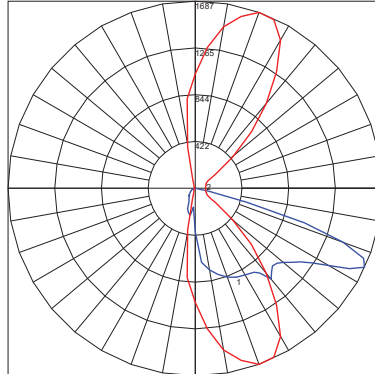
## RTx4 4452 Bollard with Distribution

POLAR GRAPH 4452-20L-T2 (4000K)



Maximum Candela = 1346 Max. Candela Angle 70H 65V  
#1 - Vertical plane Through Horizontal Angles (70-250)  
#2 - Horizontal Cone Through Vertical Angle (65)  
Through Max. Cd.

POLAR GRAPH 4452-20L-T3 (4000K)



Maximum Candela = 1687 Max. Candela Angle 70H 65V  
#1 - Vertical plane Through Horizontal Angles (70-250)  
#2 - Horizontal Cone Through Vertical Angle (65)  
Through Max. Cd.

Product	CCT	CRI	Delivered Lumens	Nominal LED Power	System Power	Lumens per Watt*
4452-20L	4000	80	2114	20 watts	19.8 watts	106.7
4452-14L	4000	80	1586	14 watts	13.5 watts	117.5

Lumen Multiplier	3000K - 0.95
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\*Based on system power, T3 optic delivered lumens