

SOLID STATE AREA LIGHTING

TRILUX BOLLARD SERIES-LED

S P E C I F I C A T I O N S

HOUSING

Heavy wall extruded aluminum.

TOP CAP

Heavy wall cast aluminum construction.

GASKETING

Closed cell EPDM.

LENS

UV-resistant one piece clear polycarbonate. Tapered lens works in tandem with optical parabolic reflector to produce a low angle of incident light and maximum efficiency.

Option - Diffused UV-resistant polycarbonate.

BASEPLATE

Precise one piece cast aluminum construction, anchor plate is mechanically fastened to housing.

ANCHORAGE

3/8"x10" fully galvanized anchor bolts, each supplied with two nuts and two washers.

RADIAL LED MODULE

LED'S are mounted to a circular heatsink in a radial array. The radial LED module is concealed in the cap of the bollard. LED's are not directly visible from angles above 90°.

PARABOLIC REFLECTOR (PR)

A specular Parabolic Reflector reflects a portion of the distribution from the radial LED module and provides a uniform wide angle throw through the outer clear polycarbonate lens.

LED EMITTERS

High Output LED's are driven at 350mA for nominal 1 Watt output each. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER

UL and CUL recognized Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for (347-480VAC). Driver is mechanically fastened to a retaining bracket. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimmable and High-Low Driver options available.

FINISH

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability. Texture finish is standard.

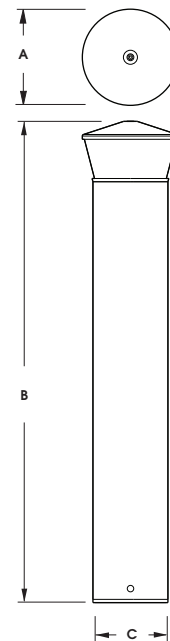
PROJECT NAME: _____

FIXTURE TYPE: _____



TLB

PATENT PENDING



FIXTURE	A	B	C
TLB5	7C 178mm	36" 914mm	5.5" 140mm
TLB4	6" 152mm	28" 711mm	4.5" 114mm
TLB3	5" 127mm	20" 508mm	3.5" 89mm

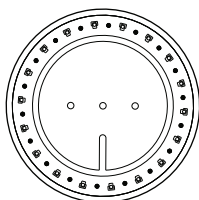
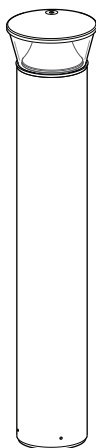


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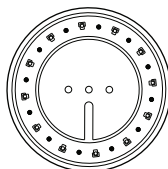
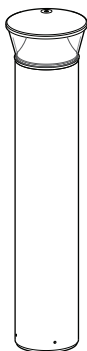
S P E C I F I C A T I O N S

LED MODULES



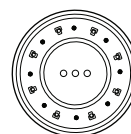
18 LED Module

TLB5
Available in:
18 LED Module



12 LED Module

TLB4
Available in:
12 LED Module



8 LED Module

TLB3
Available in:
8 LED Module

ANCHOR BOLTS 3/8" X 10"



BOLT CIRCLE 3.5" DIA.
4 BOLTS PROVIDED





BOLT CIRCLE 2.5" DIA.
4 BOLTS PROVIDED



BOLT CIRCLE 1.875" DIA.
2 BOLTS PROVIDED

Spec/Order Example: TLB3-PR/DP/8LEDWW240/RAL-7004-S

S P E C / O R D E R I N G I N F O R M A T I O N

LUMINAIRE	OPTICS	# of LED's	COLOR	VOLTAGE	FINISH	OPTIONS
LUMINAIRE	OPTICS	LED			FINISH	OPTIONS
<input type="checkbox"/> TLB5 <input type="checkbox"/> TLB4 <input type="checkbox"/> TLB3	<input type="checkbox"/> PARABOLIC REFLECTOR WITH CLEAR POLYCARBONATE LENS PR/CP  <input type="checkbox"/> PARABOLIC REFLECTOR WITH DIFFUSED POLYCARBONATE LENS PR/DP 	TLB5 <input type="checkbox"/> 18LED (21 Watts)	<input type="checkbox"/> NW (4000K)* *STANDARD <input type="checkbox"/> CW (5000K) <input type="checkbox"/> WW (3000K) OTHER LED COLORS AVAILABLE CONSULT FACTORY	<input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 <input type="checkbox"/> 480	STANDARD TEXTURED FINISH <input type="checkbox"/> BLACK RAL-9005-T <input type="checkbox"/> WHITE RAL-9003-T <input type="checkbox"/> GREY RAL-7004-T <input type="checkbox"/> DARK BRONZE RAL-8019-T <input type="checkbox"/> GREEN RAL-6005-T FOR SMOOTH FINISH REPLACE SUFFIX "T" WITH SUFFIX "S" (EXAMPLE: RAL-9005-S) SEE USALTG.COM FOR ADDITIONAL COLORS	<input type="checkbox"/> DIMMABLE DRIVER(S) (0-10V) DIM <input type="checkbox"/> HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NON-INTEGRATED MOTION SENSOR HLSW <input type="checkbox"/> PHOTO CELL + VOLTAGE (EXAMPLE: PC120V) PC+V <input type="checkbox"/> TWIST LOCK PHOTOCELL +VOLTAGE TPC+V <input type="checkbox"/> TWIST LOCK PHOTOCELL RECEPTACLE ONLY TPR <input type="checkbox"/> 10KV SURGE PROTECTOR 10SP <input type="checkbox"/> 20KV SURGE PROTECTOR (277V & 480V Only) 20SP
		TLB4 <input type="checkbox"/> 12LED (14 Watts)				
		TLB3 <input type="checkbox"/> 8LED (10 Watts)				
		Wattages are Max Input Watts				