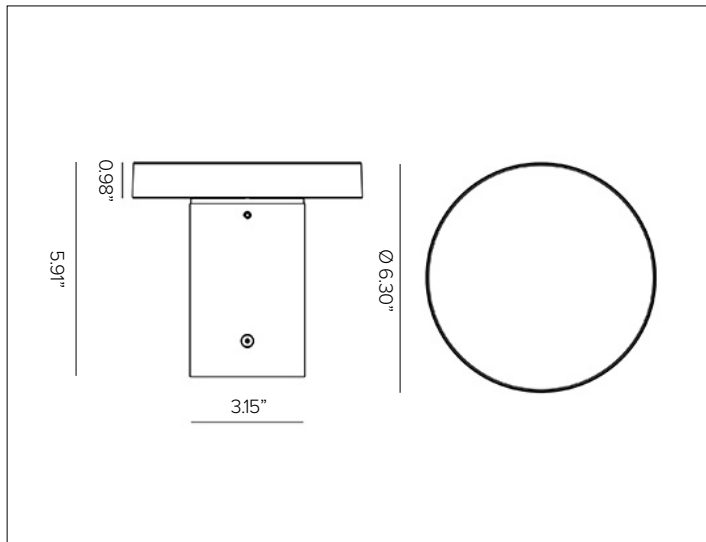


# CHIOBO PATH

## Radial Emission LED Mini Bollard



### CONCEPT

Miniature radial-emission LED bollard for outdoor applications.

### FIXTURE MECHANICAL CHARACTERISTICS

<b>Housing</b>	Ø 6.3" Dia. X 5.91" H
<b>Materials</b>	Powder coated anodized die-cast aluminum optical head with extruded body. Marine Grade cataphoresis <sup>F</sup> available as optional.
<b>Finish</b>	Textured finish. <ul style="list-style-type: none"> <li>● Ferrite Dark Grey</li> <li>● Black</li> <li>● White</li> <li>● Bronze</li> <li>● Sandstone Grey</li> <li>● Heritage Brown</li> </ul>
<b>Power Connection</b>	Pre-cabled with 25' Belden direct burial 18ga 2 conductor cable for connection to remote power supply.
<b>Functionality</b>	316L grade stainless steel base and stainless steel anti-theft screws.
<b>BUG</b>	B0-U0-G0 Dark Sky Compliant
<b>Weight</b>	3.20lbs
<b>Protection</b>	IP66
<b>Resistance</b>	IK10

### CERTIFICATIONS

cULus Class 2 Wet Location Listed.  
 Tested in accordance with LM-79-08.  
 Compliant for California installations.  
 IEC 62471  
 RoHS3 EU 215/863

### WARRANTY

5 year limited warranty.

### SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

### ELECTRICAL CHARACTERISTICS

<b>Power Supply</b>	Remote Class 2 120V-277V AC power supply required, ordered separately.
<b>Wattage</b>	10W
<b>Voltage</b>	24V DC

### SOURCE


LED Chip on Board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	80	82	96	2
	3000K	80	83	96	2
	3500K	80	83	95	2
	4000K	80	82	95	2

*Ra90 available upon request*

### OPTIC

Internal high reflective anodized aluminum reflector with transparent diffusive polycarbonate lens positioned horizontally under optical head.

<b>Beam</b>		<b>360°</b>
<b>Delivered Lumens</b>	<b>2700K</b>	331Lm
	<b>3000K</b>	346Lm
	<b>3500K</b>	352Lm
	<b>4000K</b>	357Lm
<b>Efficacy</b>	36Lm/W max. Refer to photometric graphs for specific values.	
<b>Photobiological Classification</b>	Low risk safety RG1	

# CHIOBO PATH

## SPECIFICATION INFORMATION



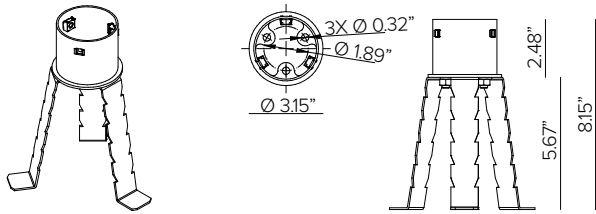
Ex: CBPRP36L130FE24 / 1US4033 / DMLE301242UD

1 - PRODUCT CODE	2 - DRIVER	3 - EMISSION	4 - WATTAGE	5 - KELVIN	6 - FINISH	7 - VOLTAGE
<b>CBP</b> — CHIOBO PATH	<b>RP</b> — Remote Driver	<b>36</b> — 360°	<b>L1</b> — 10W	<b>27</b> — 2700K <b>30</b> — 3000K <b>35</b> — 3500K <b>40</b> — 4000K	<b>FE</b> — Ferrite Dark Grey <b>HB</b> — Heritage Brown <b>BZ</b> — Bronze <b>WT</b> — White <b>BT</b> — Black <b>SG</b> — Sandstone Grey <b>RAL</b> — <a href="#">Custom RAL</a>	<b>24</b> — 24V DC
8 - OPTIONAL	9 - MOUNTING	10 - POWER SUPPLY				
<b>—</b> — Blank no option	<a href="#">Trimless Anchor Base</a> <i>See section for details</i>	<a href="#">Power Supply</a> <i>See section for details</i>				
<b>MG<sup>E</sup></b> — Marine Grade	<a href="#">Plate for Surface Installation</a> <i>See section for details</i> <a href="#">Ground Anchor Base</a> <i>See section for details</i> <a href="#">Earth Spike</a> <i>See section for details</i>					

<sup>E</sup> Marine Grade is recommended for use in environments with occasional exposure to salt air, reclaimed water, fertilizers, chemical cleaners, or frequent pressure washing (steam) cleaning. Fixture housing complete with marine grade cathaphoresis suitable for use in marine grade environments. Not to be in direct contact with salt or corrosive agents for extended periods of time.

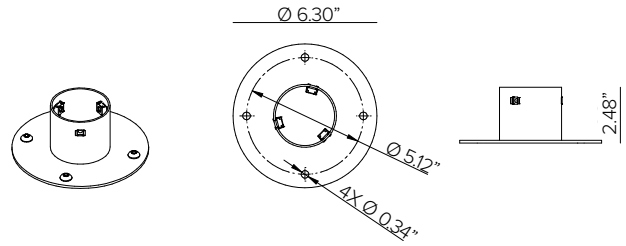
# CHIOBO PATH

## 9 – MOUNTING (REQUIRED)



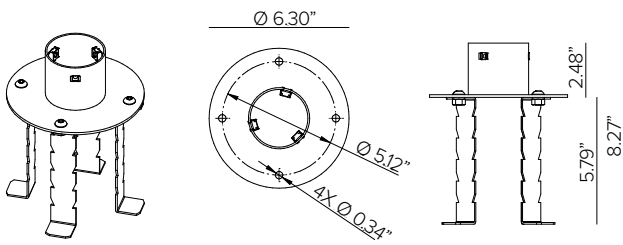
Trimless mounting base with ground anchor fixing rods for installation in concrete. AISI 316 stainless steel. Mounting bolts included. **Junction box provided by others.**

Part No. **1US4033**



Powder coated mounting plate for surface installation outside the post. AISI 316 stainless steel compatible with dowels to be inserted into 4 holes,  $\varnothing$  0.34" Dia. for use with 5/16" bolts maximum. Anchor bolts not included. **Required for use with 1US2530 by NEC.**

Part No. **1US40351(\*)**



Powder coated mounting base with ground anchor fixing rods for installation in concrete. AISI 316 stainless steel. Mounting bolts included. **Required for use with 1US2530 by NEC.**

Part No. **1US40352(\*)**



Earth spike. Powder coated stainless steel.

Part No. **1US3028 (\*)**

- Ferrite Dark Grey (Default)
- Heritage Brown (HB)\*
- Bronze (BZ)\*
- White (WT)\*
- Black (BT)\*
- Sandstone Grey (SG)\*

**\*Add suffix to end of number to identify finish (EX. 1US4035HB)**

# CHIOBO PATH

## 10 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
<b>DMLE301242UD</b>	30W	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD MLE-UD electronic driver with wiring compartment.
<b>DELV30124D JBX</b>	30W	0-10V	1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
<b>DMLE601242UD</b>	60W	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD MLE-UD electronic driver with wiring compartment.
<b>DELV60124DJBX</b>	60W	0-10V	1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
<b>DMLE961242UD</b>	96W	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54"	EMCOD MLE-UD electronic driver with wiring compartment.
<b>DELV96124DJBX</b>	96W	0-10V	1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
<b>DMLE1922242UD</b>	2X96W	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD MLE-UD electronic driver with wiring compartment.
<b>DMLE2882242UD</b>	3X96W	MLV / ELV / 0-10V / TRIAC	MLV <10% / ELV <10% / 0-10V <5%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	Magnitude SOLIDrive electronic driver with built in junction box.

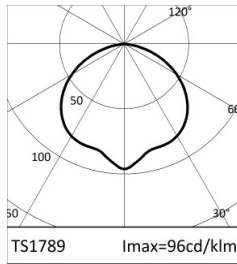
STANDALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
<b>DELV30124D</b>	30W	0-10V	1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. <b>UL listed enclosure provided by others.</b>
<b>DELV60124D</b>	60W	0-10V	1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. <b>UL listed enclosure provided by others.</b>
<b>DELV96124D</b>	96W	0-10V	1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. <b>UL listed enclosure provided by others.</b>

### MAX FIXTURES PER DRIVER

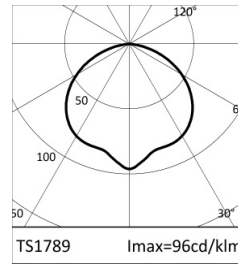
Fixture Wattage	Driver Wattage				
	30W	60W	96W	2X96W	3X96W
10W	<b>2</b>	<b>4</b>	<b>7</b>	<b>7+7</b>	<b>7+7+7</b>

# CHIOBO PATH

## PHOTOMETRY



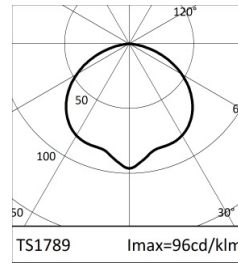
		2700K	H(m)	D(m)	Emax(lx)
		Ra80		119°	
Fixture Power	10W	1	3.36	112	
Source Flux	1168lm	2	6.73	28	
Fixture Flux	331lm	3	10.09	12	
Efficacy	33lm/W	4	13.46	7	
TS1789	I <sub>max</sub> =96cd/klm	I <sub>max</sub>	112cd	5	16.82



		3000K	H(m)	D(m)	Emax(lx)
		Ra80		119°	
Fixture Power	10W	1	3.36	117	
Source Flux	1221lm	2	6.73	29	
Fixture Flux	346lm	3	10.09	13	
Efficacy	35lm/W	4	13.46	7	
TS1789	I <sub>max</sub> =96cd/klm	I <sub>max</sub>	117cd	5	16.82



		3500K	H(m)	D(m)	Emax(lx)
		Ra80		119°	
Fixture Power	10W	1	3.36	119	
Source Flux	1245lm	2	6.73	30	
Fixture Flux	352lm	3	10.09	13	
Efficacy	35lm/W	4	13.46	7	
TS1789	I <sub>max</sub> =96cd/klm	I <sub>max</sub>	119cd	5	16.82



		4000K	H(m)	D(m)	Emax(lx)
		Ra80		119°	
Fixture Power	10W	1	3.36	121	
Source Flux	1260lm	2	6.73	30	
Fixture Flux	357lm	3	10.09	13	
Efficacy	36lm/W	4	13.46	8	
TS1789	I <sub>max</sub> =96cd/klm	I <sub>max</sub>	121cd	5	16.82