

PRAGUE



Contemporary, handsome bollards, delivering glare-free illumination. Precision optics for unrivalled space to height ratio and solar photovoltaic panels providing off-grid independent operation.



Luminaire Structure

- Die-cast aluminium housing
- Extruded aluminium column
- Pre-treated before powder coating ensuring high corrosion resistance
- Stainless steel fasteners in grade 304 with zinc flake coating (ZFC)
- Durable silicone rubber gasket
- Clear toughened glass
- High-efficiency PMMA lens
- Integral control gear
- Solar panel mono-crystalline silicon high-efficiency 4x10W
- Lithium Iron Phosphate (LiFePO4) battery 16.5Ah 12 VDC
- Solar charger controller system 12V 10A

- Luminaires operation time depends on the weather conditions
- Full automatic electronic protection function against short circuit, overcurrent, overload, overvoltage and high temperature
- Standard: Off-grid, 100% solar, not connected to the utility grid. Utility grid connection is available upon request
- Without any sun (Autonomy), the battery would last for a maximum 5 days
- Motion sensor integrated
- Different dimming options are available
- STD: 2 Step dimming with motion sensor override (3 hours: 60% without movement, 100% for 1 minute when the motion sensor activated. After 3 hours: 30% without movement, 60% for 1 minute when the motion sensor activated)

- ND: Dusk to Dawn, CT: Custom examples are 5 Step dimming, Custom hours, Custom dimming levels (Step length and minimum dim level is 10%)
- Maximum 35.5 hours of operation time (2 Step dimming with motion sensor override)
- Remote solar charge controller can be ordered as an accessory
- Autonomy and Operation time calculations are done with the following information: Peak Sun-Hour (PSH) is 3 hours. Hours of operation are 12 hours per day. Detection of movement is 5 times per hour.
- Autonomy and Operation time calculations are only indicative and will depend on several variable factors. Please contact the factory to determine the specific calculations for your project.

Feature



Optic



T2 T3 T4 ME

Product colour

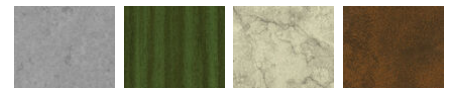


01 - Black (RAL 9011) 02 - Dark Grey (RAL 7043) 03 - White (RAL 9003) 05 - Matt Silver (RAL 9006)

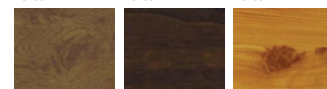


06 - Bronze (RAL 6014)

Special finishes upon request



SU01 - Concrete - Urban SU02 - Softscape - Urban SU03 - Stone - Urban SU04 - Corten - Urban



SW01 - Oak - Woodland SW02 - Walnut - Woodland SW03 - Pine - Woodland

We reserve the right to make technical and design changes.

01:12, 28-06-2024




<https://www.ligman.com/prague-solar-integrated-bollards-pra-b03/>

THAILAND



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Technical information

	Model number	Light source	Power	Lumen	Optic	CCT / CRI	Dimming type	Weight
200x80 mm - 1000 mm - 10.5 hours of operation time (2 Step dimming with motion sensor override) - 5 days of autonomy								
PRAGUE 7	PRA-10063	8 LED	6 W	593 - 665 lm	T2 [139°x55°], T3 [123°x85°], T4 [105°x69°], ME [139°x60°]	3000K CRI80, 4000K CRI80	Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom	16.2 kg 
200x80 mm - 1000 mm - 17.5 hours of operation time (2 Step dimming with motion sensor override) - 5 days of autonomy								
PRAGUE 7	PRA-10062	8 LED	4 W	398 - 495 lm	T2 [139°x55°], T3 [123°x85°], T4 [105°x69°], ME [139°x60°]	3000K CRI80, 4000K CRI80	Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom	16.2 kg 
200x80 mm - 1000 mm - 35.5 hours of operation time (2 Step dimming with motion sensor override) - 5.5 days of autonomy								
PRAGUE 7	PRA-10061	8 LED	2 W	198 - 222 lm	T2 [139°x55°], T3 [123°x85°], T4 [105°x69°], ME [139°x60°]	3000K CRI80, 4000K CRI80	Dusk to Dawn, 2 Step dimming with motion sensor override, Solar Custom	16.2 kg 

Accessories

	
Anchor bolt A13791	Remote solar charge controller for Solar Integrated Bollards and Vertical Solar PV poles A92691
PRA-10061	• •
PRA-10062	• •
PRA-10063	• •

PRAGUE



PRAGUE
Bollards

Pure design, handsome bollards, delivering glare-free uniform illumination. Technical perfection offering ground-breaking efficiencies and unrivalled project space to height ratios.

<https://www.ligman.com/prague-bollards-pr-bo3/>