

LED Bollard (RF8) Specification Sheet

Project Name:	Location:	MFG: Philips Hadco
Fixture Type:	Catalog No.:	Qty:



Ordering Guide

Example: RF8 A KF 12L W A

Product Code	RF8	LED Bollard
Finish	A B H I	Black White Bronze Gray
Optics	KF K3 K5 KLS KLW	Type V Cone Type III Refractor Bowl Type V Refractor Bowl Specular Louvers White Painted Louvers
Wattage	12L 20 10	9.5W LED 39W LED 25W LED
CCT	W N	Warm Neutral
Voltage	A E	120-277 VAC 120V

*1 KF cone optics only.

*2 12.5W LED only available in 120V.

*3 Philips EnduraLED only available in warm CCT.

Specifications

HOUSING:

356 HM high-strength, low-copper, proprietary cast aluminum alloy. Head is secured to the bollard tube with a single stainless steel allen head screw for easy removal for relamping. 8" dia. extruded aluminum with a wall thickness of 0.125". A weatherproof ballast assembly isolates the ballast from water and heat for longer life. All non-ferrous fasteners prevent corrosion and ensure longer life.

FINISH:

Thermoset polyester powdercoat is electrostatically applied after a five-stage conversion cleaning process and bonded by heat fusion thermosetting. Laboratory tested for superior weatherability and fade resistance in accordance with ASTM B117 specifications. For larger projects where a custom color is required, contact the factory for more information.

OPTICAL ASSEMBLY:

Type V Cone Optics. Type III Refractor Bowl. Type V Refractor Bowl. Heat-resistant, low expansion borosilicate glass refractor bowl. Optically designed, highly polished ALZAK® aluminum, internal louver assembly. Optically designed, white powdercoated aluminum, internal louver assembly. 8" diameter, 3/16" thick U.V. stabilized, clear acrylic lens.

LAMPING:

39W 20 LED Module. Color Temperature (CCT): 4,000K nominal or 3,000K nominal. Approximately 50,000 hours of operational life (at 25°C ambient temp. and 70% lumen maintenance). >80 CRI. 25W 10 LED Module. 12.5W Philips LED EnduraLED lamp, medium base A19.

ELECTRICAL ASSEMBLY:

Smart Select Electronic Driver 120 to 277 VAC input; 50-60Hz; auto-sensing. 4kv rated porcelain medium base. Nickel-plated screw shell with center contact. 39 watts consumed for 20 LED module (total fixture consumption). 25 watts consumed for 10 LED module (total fixture consumption). Operating start temperature -30°C (-22°F). Key-slotted Ballast Assembly is mounted to an aluminum plate, which is mounted inside the base. Quick disconnects for easy installation and removal.

INSTALLATION & MOUNTING:

Internal cast aluminum base plate is secured to anchor foundation by four (4) 3/8-16 x 8" galvanized steel bolts and nuts on a 4-3/4" bolt circle. (Use factory supplied template.). A twist-lock action mates the base plate casting with lower bollard casting, which is welded to the bottom of the bollard extrusion. Base of bollard can be leveled with over and under nut. One set screw is used to secure the bollard to the base plate.

CERTIFICATIONS:

ETL Listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. Manufactured to ISO 9001:2008 Standards.

WARRANTY:

Five-year limited warranty.

Height :

42 3/8" (108cm)

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Width:
8" (20cm)

Bolt Circle:
4 3/4" (12cm)

Anchor Rods:
internal. (4) 3/8" dia. x 8" long (1cm x 20cm)

Base Diameter:
8" (20cm)

Max. Weight:
30 lbs