

GALAXY LIGHTING FIXTURES

DRACO I Street Luminaires



ROADWAYS



JUNCTIONS



HIGHWAYS



STREETS



PARKING
AREA

Introduction

The Draco Series are street-lighting luminaires featuring highly advanced lamp and gear technologies. It was designed to ensure optimum optical control and high corrosion resistance. Its housing makes it suitable for use in street lighting, motorways as well as highways and parking areas.

Standards



HST - E40



HIT - E40

Luminaries Features

Lamp Type	<ul style="list-style-type: none"> High Pressure Sodium Metal Halide Lamps
Lamp Holder	<ul style="list-style-type: none"> Ceramic lamp holder with polyamide fiber cap for better resistance to heat
Diffuser	<ul style="list-style-type: none"> Flat or curved and fixed with a rubber silicon gasket Available in: <ul style="list-style-type: none"> Heat and shock resistance tempered glass for full cut off performance to reduce zebra effect UV resistant polycarbonate shallow bowl for maximum spacing
Reflector	<ul style="list-style-type: none"> One piece high purity anodized aluminium reflector (up to 99.9%). Reflector surface is corrugated to ensure good lighting distribution
Ballast Type	<ul style="list-style-type: none"> Refer to Ordering Information for available options
Housing	<ul style="list-style-type: none"> High pressure die-cast aluminium with electrostatic powder painting and oven cured for high corrosion resistance
Cover	<ul style="list-style-type: none"> Sturdy, streamline cover made of deep drawn aluminium for better heat dissipation, and fixed to the housing by a rubber silicon gasket to assure IP rating of IP65
Clips	<ul style="list-style-type: none"> High strength aluminium and designed to ensure that the cover is tightly fixed on the housing
Gear Tray	<ul style="list-style-type: none"> Galvanised steel sheet to fix the electrical components (Ballast, ignitor, capacitor and connection terminal) and easy to maintain

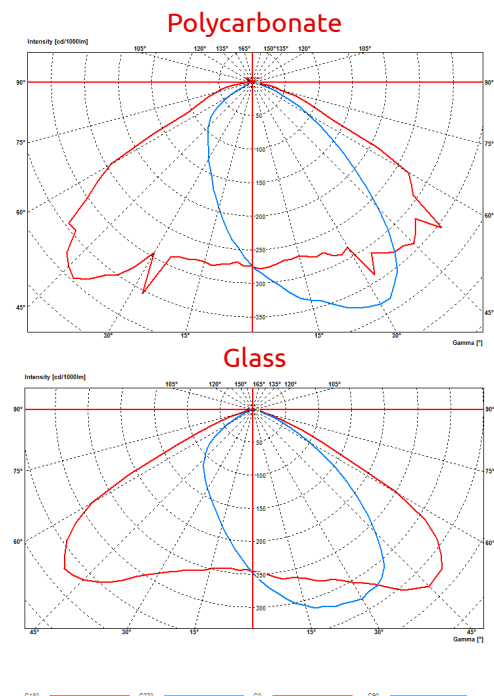
Luminaries Electrical Characteristics

Supply Source	<ul style="list-style-type: none"> 220 Volt AC
Maximum Wattage	<ul style="list-style-type: none"> 400W high pressure sodium or metal halide
Feeder Size	<ul style="list-style-type: none"> 3 x 2.5 mm² Cable

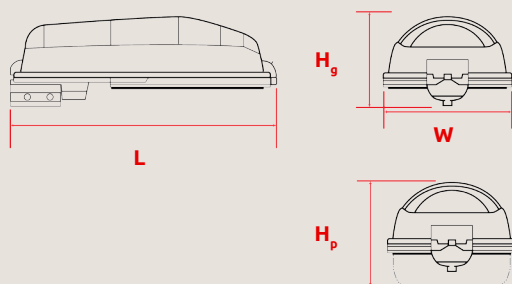
Installation

- Screw tightening torque: 12 newton meters
- Suitable for arms mounting up to 2 inches
- Can be mounted horizontally or vertically upon request

Photometric



Mechanical Specifications



Overall Dimensions

- Glass:** L x W x H_g = 711x343x276 mm
- Polycarbonate:** L x W x H_p = 711x343x309 mm

Connection Box Compartment Dimensions: 250x200x100 mm

Design Altitude: up to 12 meters

Weight

- Glass:** from 6.003 to 13.750 Kg
- Polycarbonate:** from 7.542 to 12.031 Kg

Maximum Projected Area Subjected to Wind Force

- Glass:** 908 cm²
- Polycarbonate:** 1250 cm²

Ordering Information*

PRODUCT TYPE	PRODUCT FAMILY	INSTALLATION TYPE	NUMBER OF LAMPS	LAMP WATTAGE	DIFFUSER TYPE	BALLAST TYPE
F = Light Fixtures	D01 = Draco I Series	H = Horizontal V = Vertical	1	0250 0400	P00 = Polycarbonate G00 = Glass	C1 = Magnetic with Capacitor EX = Electronic

*Example Code: F-D01-H-1-0400-G00-C1