

# Lamps & Gear

## INDO Products – Lamps & Gear Specifications

### RD12



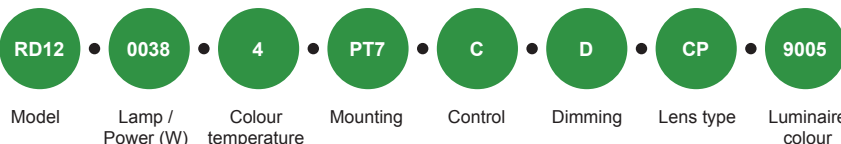
#### Features:

- ⦿ Die cast aluminium housing
- ⦿ Toughened glass or polycarbonate (PC) lens
- ⦿ High purity mirrored aluminium reflector
- ⦿ Dimmable / CMS compatible
- ⦿ Constant Light Output
- ⦿ IP65 rated

#### Applications:-

Residential roads, Traffic routes, Car Parks, Parks and Public spaces, High streets and Town centres.

### INDO code explained



### Stocked product code

RD12 • 0038 • 4 • PT7 • C • D • CP • 9005

*This product code is held in stock and has, on average, a shorter lead time.*

### Product codes – please choose your specifications

Model	Product code	Lamp / Power (W)	Product code	Colour temperature	Product code	Mounting	Product code
ROAD 12	RD12	LED 38W	0038	4000K	4	Post Top 76mm	PT7
		LED 62W	0062			Side Entry 60mm	SE6

Control	Product code	Dimming	Product code	Lens type	Product code	Luminaire colour (RAL)	Product code
20mm Predrilled	C	DALI	D	Flat Glass	FG	9005 Jet Black	9005
		0-10V Analogue	A	Curved Polycarbonate	CP		

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### RD12 Product Overview

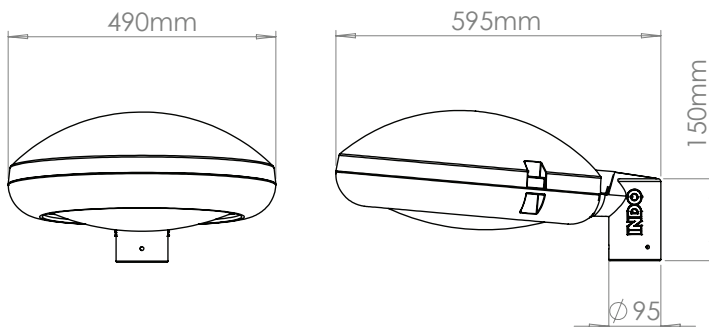
- ⦿ The INDO RD12 lantern is designed to perform. By combining the highest level of lumen efficacy with an attractive luminaire design the RD12 is an excellent choice for areas where both aesthetics and performance are key. The luminaire benefits from an LED solution boasting over 130lm/W, combined with circuitry offering full CMS compatibility and the ability for constant light output (CLO) and other control options such as pre-set dimming.
- ⦿ The elegant luminaire design will appeal to architects who are looking to achieve a clean, modern street scene, where the luminaire is a positive feature both during the day and during the night. The superior uniformity and illumination of the area will ensure that safety and performance are promoted.
- ⦿ The optical output of the RD12 is well suited for open spaces such as parks, town centres, car parks and performs extremely well in most road lighting applications.

### Technical Specifications

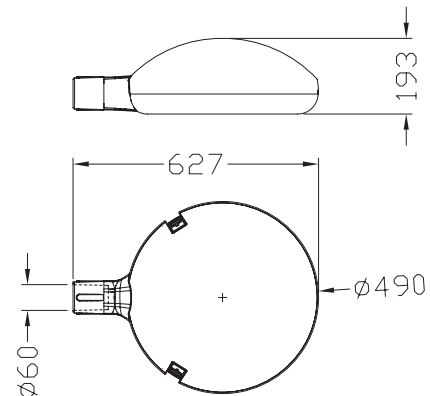
Input voltage range	120-277 V @ 50/60Hz
Ambient operating temperature	-40°C (min) – +40°C (max)
Weight	<12kg
IP rating	IP65
Photocell / CMS compatibility	Suitable for mini photocells and 20mm CMS nodes. DALI or Analog dimming options.
Colour rendering index (CRI)	Ra>70
Lumen maintenance	CLO for 50,000 hours
Lumen output	38W: 5000lm 62W: 8000lm
Luminaire material / construction	Cast aluminium housing UV stabilised polycarbonate (PC) lens or Toughened glass lens
Surge protection	Open circuit voltage 10 (max) kV

### Drawings and Dimensions

Unit: mm

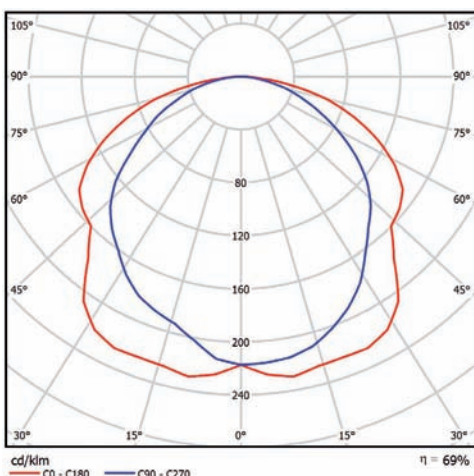


Post Top 76mm – PT7



Side Entry 60mm – SE6

### Photometry plot



### CASE STUDY



### Comparison Table:

Feature	Before (70W SON lamp)	After (INDO RD12)
Power consumption / circuit wattage	90W	42W
CRI	24	70
CCT (Colour temperature)	2100K	4000K
Lamp life	~ 15,000 hours	> 50,000 hours
Approx. annual energy spend per lantern	£60.21	£28.10