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BOREALE

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ABTECH Lighting Solutions

# PETRA

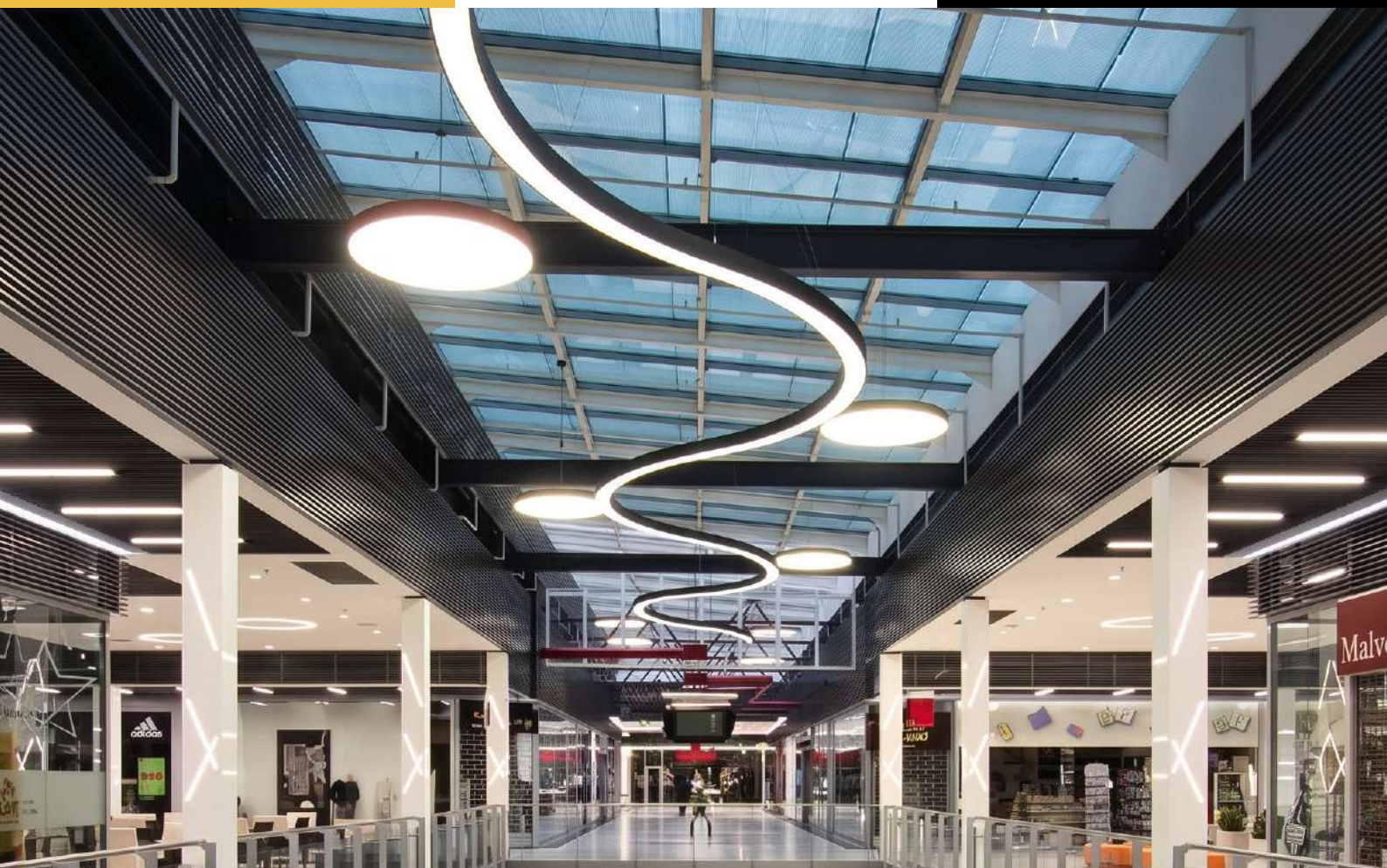
**DATASHEET** PTRL3

**Rigid Curved** Circular Lighting



# PETRA

## PTRL3



### Description

PETRA PTRL3 is a rigid curved LED luminaire designed to deliver precise circular lighting forms with uniform, glare-free illumination.

### Ideal for

- Circular feature lighting in lobbies and reception areas
- Retail and commercial spaces requiring geometric lighting forms
- Hospitality and premium interior environments
- Atriums and large open spaces
- Showrooms and exhibition areas
- Architectural ceiling compositions with defined circular patterns

### Key Feature

- **Rigid curved structure**  
ensuring accurate and stable circular geometries
- **Available in**  
fixed diameters from 600mm up to 2000mm for design consistency
- **Robust extruded aluminum profile**  
(75×50mm) with premium finishing colors options
- **Wide customization in**  
size, power (200–100W), and CCT configurations

# PETRA

## PTRL3

Beam Angle

120°

IP

20

Life time

5

Years

Shape

Rectangular

CRI

>80/90



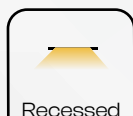
### Mounting



Pendant



Surface



Recessed

Power

20W ~ 40W

Voltage

220~240V

Diffuser

opal PMMA

Efficiency  
Llm/W

Up to **170 lumen/Watt**  
from the light source

Dimming

On/Off, Dali, Phase Cut, 0-10V, 1-10V

Body Material

Extruded aluminum

Finishing Colors

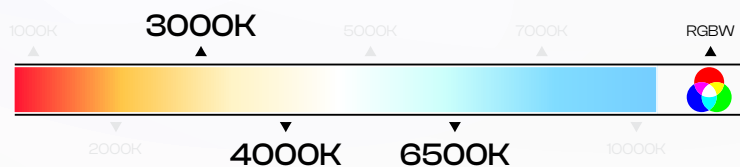
White

Black

Silver



### CCT



Led Brand | Driver Brand

TCI LED  
professional led applications

TRIDONIC PHILIPS

# PETRA

## PTRL3



### Dimensions and Power

| ITEM                | Dimension   | Diameter (mm) | Power     | Driver Location |
|---------------------|-------------|---------------|-----------|-----------------|
| PRF-PTRL3-5075D600  | 50mm X 75mm | 600           | 20W ~ 40W | Internal        |
| PRF-PTRL3-5075D800  | 50mm X 75mm | 800           | 20W ~ 40W | Internal        |
| PRF-PTRL3-5075D1000 | 50mm X 75mm | 1000          | 20W ~ 40W | Internal        |
| PRF-PTRL3-5075D1200 | 50mm X 75mm | 1200          | 20W ~ 40W | Internal        |
| PRF-PTRL3-5075D2000 | 50mm X 75mm | 2000          | 20W ~ 40W | Internal        |
| PRF-PTRL3-5075D1500 | 50mm X 75mm | 1500          | 20W ~ 40W | Internal        |



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