

PRD SERIES

DOT LIGHTS

















Ideal lighting system designed for applications in which great amount of light is needed in a small surface. It is used to produce great contrast and emphasize textures, relieves and fissures that the lighted object could have due to the fact that any relief, even the smallest one, produces a shadow.

TECHNICAL DATA	PRD0200A	PRD0500A
 DIRECT LIGHT		
DIMENSIONS	Ø20x58	Ø56x34
RWD (mm)	>50	>50
WEIGHT	75g	100g
IP RATING	IP50	IP50 ¹
MOUNTING HOLES	BODYØ12x39	(x2)M4T6
CONNECTION	Pre-cabled with free terminals 2x0.5mm ² Length = 1.8m BN/RD = +24V BU/BK = 0V	2P male chassis connector. (cable non-included) PIN 1 = +24V PIN 2 = 0V
MODIFIERS ²	NO	 
ACCESSORIES ³		 
MAX. OPERATING HUMIDITY	85% non-condensing	85% non-condensing
OPERATING T°	0 - 40°C	0 - 40°C
STORAGE T°	0 - 60°C	0 - 60°C
HOUSING MATERIAL	Anodized aluminium	Anodized aluminium









(1) IP53 if the system is positioned so that the light falls vertically.

(2) Optional modifications on the standard lighting system from manufacturing. Consult the code for ordering them on introduction 'How to use this catalogue' section.

(3) Accessories are non-included. More information in accessories section.

INSTANTANEOUS CONSUMPTION (Max.)	Lighting model*				WT*
	PRD0200A	PRD0500A			
TYPE C (24VDC)	 B	0.5W	1.3W		-470C
	 G	0.5W	1.3W		-525C
	 R	0.5W	2W		-630C
	 i	0.5W	1.6W		-880C
	 +i	0.5W	1.6W		-940C
TYPE P (24VDC) Dmax= 1/2 Ton max= 60s	 -U	0.5W	1.6W		-365P
	 U	0.5W	1.6W		-400P
	 W	0.5W	1.6W		-W00P
TYPE S Dmax= 1/20 Ton max= 2ms	 -U	90mA / 2.2W	265mA / 6.4W		-365S
	 U	90mA / 2.2W	265mA / 6.4W		-400S
	 B	90mA / 2.2W	265mA / 6.4W		-470S
	 G	90mA / 2.2W	265mA / 6.4W		-525S
	 R	90mA / 2.2W	265mA / 6.4W		-630S
	 i	210mA / 5W	420mA / 10W		-880S
	 +i	210mA / 5W	420mA / 10W		-940S
	 W	90mA / 2.2W	265mA / 6.4W		-W00S

Take note that consumption table is for guidance. To refer to real values, consult product label when purchasing. | *ORDER REFERENCE = Lighting model + WT / MODIFIERS

 UV- (365nm)  UV (400nm)  BLUE (470nm)  GREEN (525nm)  RED (630nm)  IR (880nm)  IR+ (940nm)  WHITE



► **TECHNICAL DRAWINGS** (All units in millimeters, if not indicated)

<p style="text-align: right;">PRD0200A-E01A</p>	<p style="text-align: right;">PRD0500A-E01A</p>
Empty space for drawing	Empty space for drawing
Empty space for drawing	Empty space for drawing

► **ADDITIONAL INFORMATION**

<p>Example of PRD captured image</p>	<p>Brightness distribution of PRD0500A-630C@350mm</p>	<p>PRD0500A-630C light intensity.</p>
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