



PROJECTOR



LOW ANGLE LIGHTING

PLD SERIES

DIRECT LINEAR PROJECTORS

Leds bar projector that produces a great contrast and emphasizes textures, relieves and fissures of the inspected object. It operates punctually lighting because any relief, even the smallest one, produces a shadow.

TECHNICAL DATA	PLD0602B	PLD1002A	PLD1302B	PLD1802A	PLD2602A
DIRECT LIGHT					
DIMENSIONS	86x20x24	122x20x24	150x20x24	201x20x24	280x20x24
ACTIVE SURFACE	64x16	100x16	128x16	180x16	259x16
RWD (mm)	>50	>50	>50	>50	>50
WEIGHT	80g	98g	125g	150g	205g
IP RATING	IP50 ¹	IP50 ¹	IP50 ¹	IP50 ¹	IP50 ¹
MOUNTING HOLES	(x3)(x2)M4 ∇ 6	(x3)(x2)M4 ∇ 6	(x3)(x2)M4 ∇ 6	(x3)(x2)M4 ∇ 6	(x3)(x2)M4 ∇ 6
CONNECTION (cable non-included)	2P male chassis connector. PIN 1 = +24V PIN 2 = 0V	2P male chassis connector. PIN 1 = +24V PIN 2 = 0V	2P male chassis connector. PIN 1 = +24V PIN 2 = 0V	2P male chassis connector. PIN 1 = +24V PIN 2 = 0V	2P male chassis connector. PIN 1 = +24V PIN 2 = 0V
MODIFIERS ²	NO	NO	NO	NO	NO
ACCESSORIES ³					
MAX. OPERATING HUMIDITY	85% non-condensing	85% non-condensing	85% non-condensing	85% non-condensing	85% non-condensing
OPERATING T°	0 - 40°C	0 - 40°C	0 - 40°C	0 - 40°C	0 - 40°C
STORAGE T°	0 - 60°C	0 - 60°C	0 - 60°C	0 - 60°C	0 - 60°C
HOUSING MATERIAL	Anodized aluminium	Anodized aluminium	Anodized aluminium	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.

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

INSTANTANEOUS CONSUMPTION (Max.)		Lighting model*					WT*
		PLD0602B	PLD1002A	PLD1302B	PLD1802A	PLD2602A	
TYPE C (24VDC)		1.3W	2.5W	3W	4.2W	5W	-470C
		1.3W	2.5W	3W	4.2W	5W	-525C
		1.8W	3.5W	2.9W	5.8W	7W	-630C
		2.2W	2.2W	3.6W	3.6W	4.3W	-880C
		2.2W	2.2W	3.6W	3.6W	4.3W	-940C
TYPE P (24VDC) D _{max} = 1/2 Ton max= 60s		1.6W	3.1W	3.7W	5.3W	6.4W	-365P
		1.6W	3.1W	3.7W	5.3W	6.4W	-400P
		1.6W	3.1W	3.7W	5.3W	6.4W	-W00P
TYPE S D _{max} = 1/20 Ton max= 2ms		265mA / 6.4W	530mA / 13W	615mA / 15W	880mA / 21W	1055mA / 25W	-365S
		265mA / 6.4W	530mA / 13W	615mA / 15W	880mA / 21W	1055mA / 25W	-400S
		265mA / 6.4W	530mA / 13W	615mA / 15W	880mA / 21W	1055mA / 25W	-470S
		265mA / 6.4W	530mA / 13W	615mA / 15W	880mA / 21W	1055mA / 25W	-525S
		265mA / 6.4W	530mA / 13W	615mA / 15W	880mA / 21W	1055mA / 25W	-630S
		625mA / 15W	625mA / 15W	1045mA / 25W	1045mA / 25W	1255mA / 30W	-880S
		625mA / 15W	625mA / 15W	1045mA / 25W	1045mA / 25W	1255mA / 30W	-940S
		265mA / 6.4W	530mA / 13W	615mA / 15W	880mA / 21W	1055mA / 25W	-W00S

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

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>PLD0602B-E00B</p>	<p>PLD1002A-E00B</p>
<p>PLD1302B-E00B</p>	<p>PLD1802A-E00B</p>
<p>PLD2602A-E00B</p>	

► **ADDITIONAL INFORMATION**

<p>Example of PLD captured image</p>	<p>Brightness distribution of PLD2602A-630C@50mm</p>	<p>PLD2602A-630C light intensity.</p>
--------------------------------------	------------------------------------------------------	---------------------------------------