



PROJECTOR



LOW ANGLE LIGHTING

# PLA SERIES

**iBlueDrive**

## LINEAR HIGH-POWERED PROJECTORS

Linear projectors with high-powered LEDs. Designed with iBlueDrive technology for illuminating big areas with compact lighting systems due to its angle of emission. Thanks to their small size and light weight, they are ideal for operating with robots. These lighting systems provide great contrast and high-light textures, reliefs and fissures of illuminated object. Available with various angles of emission.

TECHNICAL DATA	PLA1013A	PLA2026A
DIRECT LIGHT		
DIMENSIONS	130x40x16	260x40x16
RWD (mm)	>50	>50
WEIGHT	145g	271g
IP RATING	IP50	IP50
MOUNTING HOLES	(x4)M2∇5	(x6)M2∇5
CONNECTION (cable non-included)	3P aerial male connector of 150mm. PIN 1 = +24V PIN 2 = 0V PIN 3 = CONTROL <sup>1</sup>	3P aerial male connector of 150mm. PIN 1 = +24V PIN 2 = 0V PIN 3 = CONTROL <sup>1</sup>
MODIFIERS <sup>2</sup>		
ACCESSORIES <sup>3</sup>		
<b>iBlueDrive TECH.</b>	<b>Build in</b>	<b>Build in</b>
OPERATING SPECS.	T° = 0 - 40°C Max. humidity = 85% non-condensing	T° = 0 - 40°C Max. humidity = 85% non-condensing
STORAGE SPECS.	T° = 0 - 60°C	0 - 60°C
HOUSING MATERIAL	Anodized aluminium	Anodized aluminium

(1) Extended information of Control Input characteristics in the additional information section, table C2.1.

(2) Angle of emission of the PLA Series projectors. If not indicated, default angle will be /AM. Consult below the code for selecting another angle of emission.

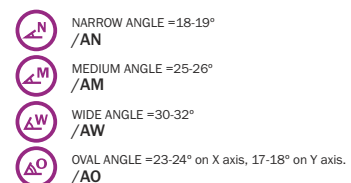
(3) Accessories are non-included. More information in accessories section.

INSTANTANEOUS CONSUMPTION (Max.)	Lighting model*				WT*
	PLA1013A	PLA2026A			
<b>TYPE C</b>	No type C standard LED lighting systems on this series.				
<b>TYPE P</b>	No type P standard LED lighting systems on this series.				
<b>TYPE S</b>	No type S standard LED lighting systems on this series.				
<b>TYPE i</b> (24VDC) 	RB	24W[48W/12W]	48W[96W/24W]		-447i
	B	24W[48W/12W]	48W[96W/24W]		-470i
	G	24W[48W/12W]	48W[96W/24W]		-525i
	R	24W[34W/12W]	48W[68W/24W]		-630i
	I*	24W[48W/12W]	24W[48W/12W]		-850i
	W	24W[48W/12W]	48W[96W/24W]		-W00i

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

(4) Values of maximum instantaneous consumption of **Type i** lighting systems in **Powered mode [Strobe mode / Continuous mode]**.

Angles of emission are identified as modifiers. If not indicated, default angle will be /AM. Select another for changing.



UV- (365nm) UV (400nm) RB ROYAL BLUE (447nm) B BLUE (470nm) G GREEN (525nm) R RED (630nm) I\* IR (850nm) IR+ (940nm) W WHITE RGB





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

<p>PLA1013A-E02A</p>	<p>PLA2026A-E01A</p>
Empty space for drawing	Empty space for drawing
Empty space for drawing	Empty space for drawing

► **ADDITIONAL INFORMATION**

<p>Example of PLA captured image</p>	<p>Brightness distribution of PLA1013A-630C/AN@100mm</p>	<p>PLA1013A-630C light intensity.</p>
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