



PROJECTOR



LOW ANGLE LIGHTING



BACK-LIGHTING



BRIGHT FIELD

PLU SERIES

ULTRA-DIFFUSE LINEAR PROJECTORS

LED's diffuse bar projector which provides a great amount of uniform light. This system uses high intensity LEDs in order to illuminate diffusely small surfaces.

TECHNICAL DATA	PLU0602B	PLU1002A	PLU1302B	PLU1802A	PLU2602A
ULTRA DIFFUSE LIGHT					
DIMENSIONS	86x20x24	122x20x24	150x20x24	201x20x24	280x20x24
ACTIVE SURFACE	64x16	100x16	128x16	180x16	259x16
RWD (mm)	>100	>110	>125	>160	>200
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*
		PLU0602B	PLU1002A	PLU1302B	PLU1802A	PLU2602A	
TYPE C (24VDC)		1.7W	2.8W	3.8W	5.5W	6.6W	-470C
		1.7W	2.8W	3.8W	5.5W	6.6W	-525C
		1.8W	2.9W	4.1W	4.1W	7W	-630C
		1.8W	3.6W	4.1W	4.1W	4.4W	-880C
		1.8W	3.6W	4.1W	4.1W	4.4W	-940C
		1.7W	2.8W	3.8W	3.8W	6.6W	-W00C
TYPE P		No type P standard LED lighting systems on this series.					
TYPE S D _{max} = 1/20 Ton max= 2ms		265mA / 6.4W	440mA / 11W	615mA / 15W	880mA / 21W	1055mA / 25W	-470S
		265mA / 6.4W	440mA / 11W	615mA / 15W	880mA / 21W	1055mA / 25W	-525S
		265mA / 6.4W	440mA / 11W	615mA / 15W	615mA / 15W	1055mA / 25W	-630S
		625mA / 15W	1045mA / 25W	1465mA / 35W	1465mA / 35W	2510mA / 60W	-880S
		625mA / 15W	1045mA / 25W	1465mA / 35W	1465mA / 35W	2510mA / 60W	-940S
		265mA / 6.4W	440mA / 11W	615mA / 15W	615mA / 15W	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



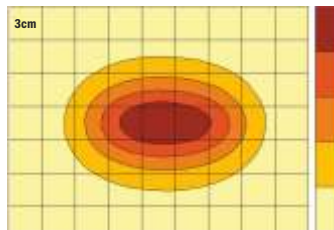
TECHNICAL DRAWINGS (All units in millimeters, if not indicated)

<p style="text-align: center;">PLU0602B-E00B</p>	<p style="text-align: center;">PLU1002A-E00B</p>
<p style="text-align: center;">PLU1302B-E00B</p>	<p style="text-align: center;">PLU1802A-E00B</p>
<p style="text-align: center;">PLU2602A-E00B</p>	

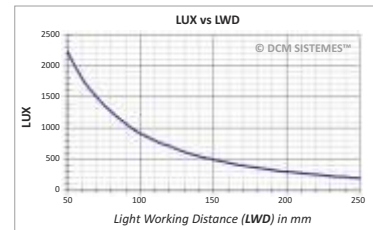
ADDITIONAL INFORMATION



Example of PLU captured image



Brightness distribution of PLU1302B-630C@50mm



PLU2602A-630C light intensity.