



RADIAL LIGHTING



LOW ANGLE LIGHTING



BACK-LIGHTING

ALU SERIES

ULTRA-DIFFUSE RINGLIGHTS

Ringlights are used to illuminate objects from camera axis providing a ULTRA-DIFFUSE and uniform frontal light, ideal to obtain contrast and uniformity in order to inspect brightly or specular shining objects.

Eliminates brightness and shadows.

TECHNICAL DATA	ALU0502A	ALU0704A	ALU1006A
ULTRA DIFFUSE LIGHT			
DIMENSIONS	55x55x20	75x75x22	100x100x28
INNER Ø	20	37	61
RWD (mm)	<115	<120	<190
WEIGHT	85g	130g	260g
IP RATING	IP50 ¹	IP50 ¹	IP50 ¹
MOUNTING HOLES	(x3)M4 ∇ 6	(x4)M4 ∇ 6	(x4)M4 ∇ 6 (x3)DIN913 M5@120°
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
MODIFIERS ²	NO	NO	NO
ACCESSORIES ³			
MAX. OPERATING HUMIDITY	85% non-condensing	85% non-condensing	85% non-condensing
OPERATING T°	0 - 40°C	0 - 40°C	0 - 40°C
STORAGE T°	0 - 60°C	0 - 60°C	0 - 60°C
HOUSING MATERIAL	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 on accessories section.

INSTANTANEOUS CONSUMPTION (Max.)	Lighting model*			WT*	
	ALU0502A	ALU0704A	ALU1006A		
TYPE C (24VDC)		2.2W	3.4W	5.5W	-470C
		2.2W	3.4W	5.5W	-525C
		2.5W	3.8W	6.4W	-630C
		2.5W	3.8W	6.4W	-880C
		2.5W	3.8W	6.4W	-940C
		2.2W	3.4W	5.5W	-W00C
TYPE P	No type P standard LED lighting systems on this series.				
TYPE S D _{max} = 1/20 Ton max= 2ms		350mA / 8.4W	530mA / 13W	880mA / 21W	-470S
		350mA / 8.4W	530mA / 13W	880mA / 21W	-525S
		350mA / 8.4W	530mA / 13W	880mA / 21W	-630S
		835mA / 20W	1255mA / 30W	2090mA / 50W	-880S
		835mA / 20W	1255mA / 30W	2090mA / 50W	-940S
		350mA / 8.4W	530mA / 13W	880mA / 21W	-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: right;">ALU0502A-E01A</p>	<p style="text-align: right;">ALU0704A-E01A</p>
<p style="text-align: right;">ALU1006A-E01A</p>	

► **ADDITIONAL INFORMATION**

<p>Example of ALU captured image</p>	<p>Brightness distribution of ALU1006A-630C@50mm</p>	<p>ALU1006A-630C light intensity.</p>
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