

ALD SERIES

DIRECT RINGLIGHTS

These systems are used to light from camera axis. They provide a huge quantity of light from a distant point so can be used to light objects from a further distance than those of use diffuse light.

Designed to stand out shadows, textures and edges.

TECHNICAL DATA	ALD0303A	ALD0606A	ALD0707A	ALD0907A	ALD1108A
DIRECT LIGHT					
DIMENSIONS	48x48x27	∅73x21	∅90x21	∅126x41	∅145x41
INNER ∅	21	40	60	34	49
RWD (mm)	>40	>100	>120	>120	>160
WEIGHT	75g	145g	175g	410g	525g
IP RATING	IP50 ¹	IP50	IP50	IP30	IP30
MOUNTING HOLES	(x2)M4∓6 (x3)DIN913 M5@120°	(x2)M4∓6 (x3)DIN913 M5@120°	(x3)M4∓6 (x3)DIN913 M5@120°	(x3)M4∓6 (x3)DIN913 M5@120°	(x3)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	2P male chassis connector. PIN 1 = +24V PIN 2 = 0V	2P male chassis connector. PIN 1 = +24V PIN 2 = 0V
MODIFIERS ²		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. Consult the code for ordering them on introduction 'How to use this catalogue' section.

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

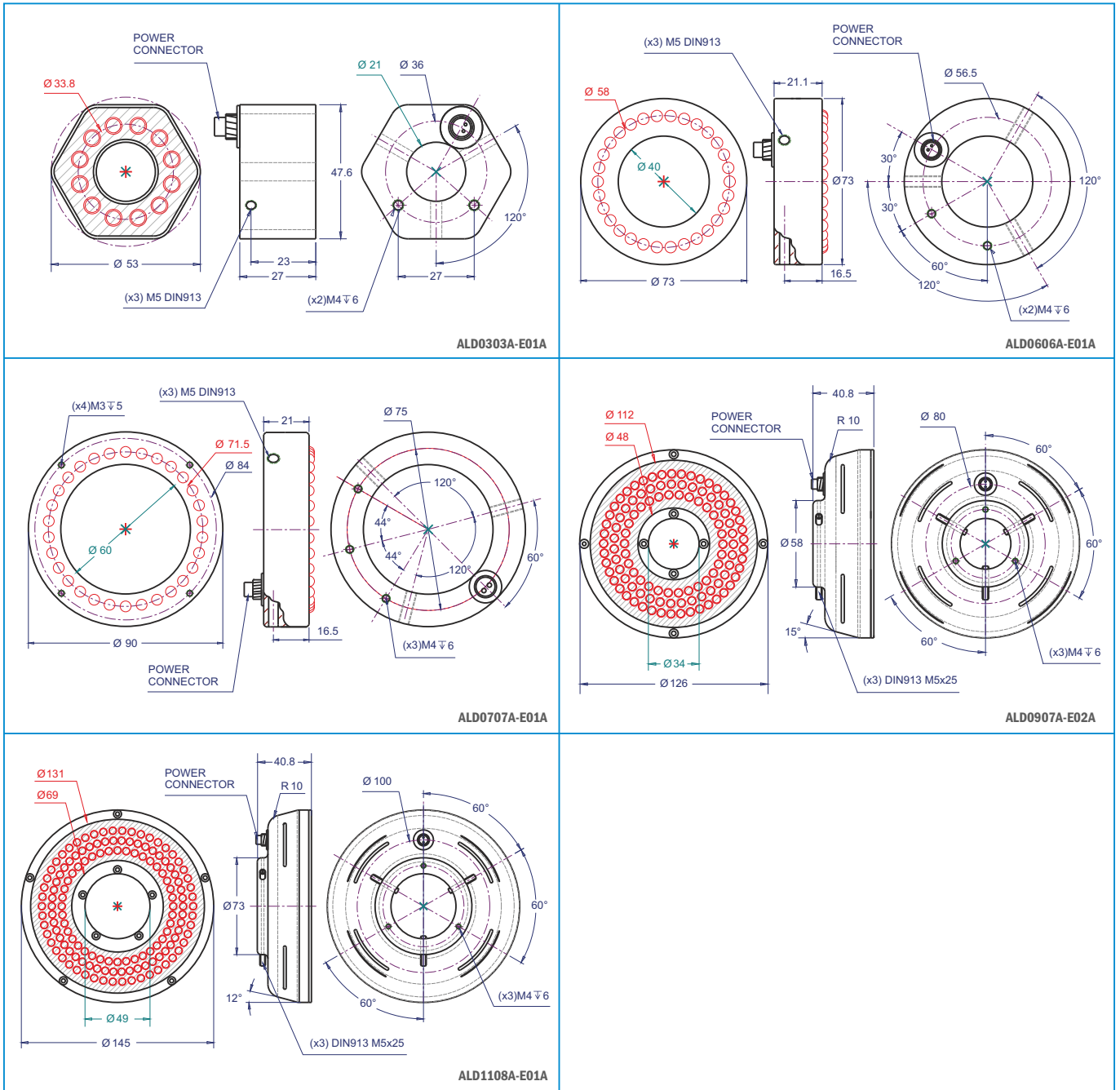
INSTANTANEOUS CONSUMPTION (Max.)		Lighting model*					WT*
		ALD0303A	ALD0606A	ALD0707A	ALD0907A	ALD1108A	
TYPE C (24VDC)		0.8W	2.5W	2.5W	7.6W	10W	-470C
		0.8W	2.5W	2.5W	7.6W	10W	-525C
		1.3W	3.5W	3.5W	7.6W	7.1W	-630C
		1.3W	2W	2W	6.4W	8.2W	-880C
		1.3W	2W	2W	6.4W	8.2W	-940C
TYPE P (24VDC) Dmax= 1/2 Ton max= 60s		1.1W	2.6W	2.6W	9.5W	13W	-365P
		1.1W	3.1W	3.1W	9.5W	13W	-400P
		1.1W	3.1W	3.1W	8W	11W	-W00P
TYPE S Dmax= 1/20 Ton max= 2ms		175mA / 4.2W	530mA / 13W	530mA / 13W	1585mA / 38W	2110mA / 51W	-365S
		175mA / 4.2W	530mA / 13W	530mA / 13W	1585mA / 38W	2110mA / 51W	-400S
		175mA / 4.2W	530mA / 13W	530mA / 13W	1585mA / 38W	2110mA / 51W	-470S
		175mA / 4.2W	530mA / 13W	530mA / 13W	1585mA / 38W	2110mA / 51W	-525S
		175mA / 4.2W	440mA / 11W	440mA / 11W	1585mA / 38W	2110mA / 51W	-630S
		420mA / 10W	625mA / 15W	625mA / 15W	2300mA / 55W	2925mA / 70W	-880S
		420mA / 10W	625mA / 15W	625mA / 15W	2300mA / 55W	2925mA / 70W	-940S
		175mA / 4.2W	530mA / 13W	530mA / 13W	1585mA / 38W	2110mA / 51W	-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

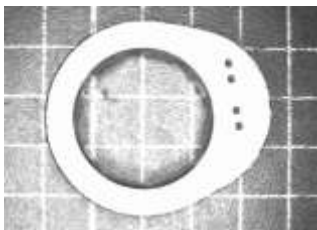
UV- (365nm) UV (400nm) BLUE (470nm) GREEN (525nm) RED (630nm) IR (880nm) IR+ (940nm) WHITE



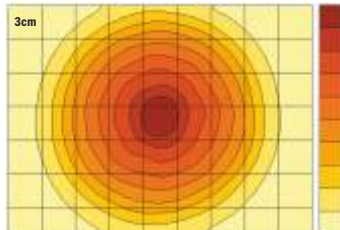
TECHNICAL DRAWINGS (All units in millimeters, if not indicated)



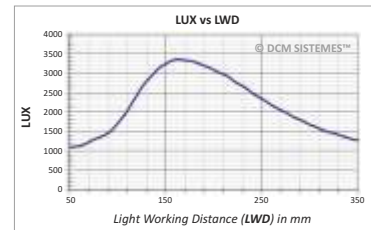
ADDITIONAL INFORMATION



Example of ALD captured image



Brightness distribution of ALD1108A-630C@165mm



ALD1108A-630C light intensity.