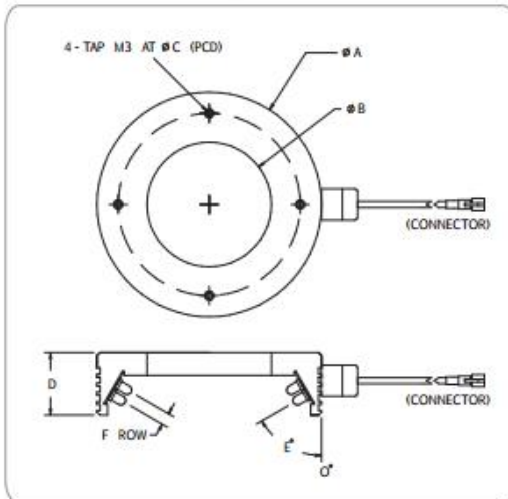
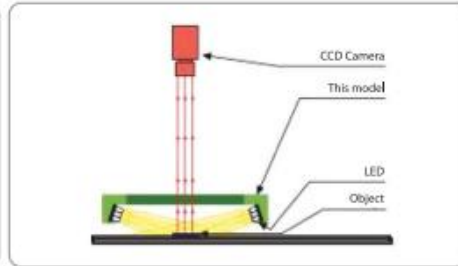


Direct Illumination

LLA SERIES - Low angle illumination

LED arrays are arranged in LED angle to provide side illumination. LLA series are available in 2 and 3 rows to suite different brightness requirements.

Application: edge detection, scratched on metal or glossy surface.



Technical Specification:

- Color Red, Green, Blue and White
- 24V DC Input Power
- Continuous and Strobe Applications
- Compact Size
- Lighting Cable 500mm

Customize Lighting:

- Customize Sizes, Mounting requirements
- Color and Voltage Available
- Consult Technical Sales for More Information

Model	Dimensions (MM)						Color	Voltage / Watt	Current
	ØA	ØB	ØC	D	E°	F (ROW)			
LLA-60-070-2-X	74	41	60	20.5	60	2	● ● ● ● ● ● ● ●	24V / 3.60W 24V / 4.68W	150mA 185mA
LLA-60-090-2-X	90	57	75	20.5	60	2	● ● ● ● ● ● ● ●	24V / 4.32W 24V / 5.76W	180mA 240mA
LLA-60-150-3-X	151	114	136	23.5	60	3	● ● ● ● ● ● ● ● ● ● ● ●	24V / 11.88W 24V / 15.12W	495mA 630mA
LLA-60-200-2-X	202	167	186	20.5	60	2	● ● ● ● ● ● ● ●	24V / 10.80W 24V / 14.04W	450mA 585mA
LLA-75-130-3-X	131	94	116	24.5	75	3	● ● ● ● ● ● ● ● ● ● ● ●	24V / 10.08W 24V / 12.96W	420mA 540mA
LLA-75-170-3-X	175	136	159	24.5	75	3	● ● ● ● ● ● ● ● ● ● ● ●	24V / 13.68W 24V / 17.64W	570mA 735mA

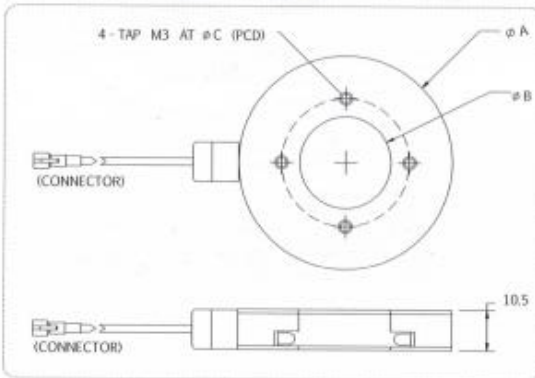
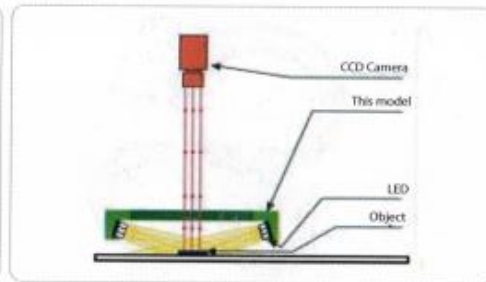
Remark: 2 types of white are available- W: Cool White WW: Yellowish White

Direct Illumination

LLA SERIES - Low Angle Illumination

LED are arrange in led angle to provide side illumination. LLA series are available in 1 row to suite different brightness requirements.

Application: edge detection, scratched on metal or glossy surface.



Technical Specification:

- Color Red, Green, Blue and White
- 24V DC Input Power
- Continuous and Strobe Applications
- Compact Size
- Lighting Cable 500mm

Customize Lighting:

- Customize Sizes, Mounting requirements
- Color and Voltage Available
- Consult Technical Sales for More Information

Model	Dimensions [MM]			Color	Voltage / Watt	Current
	ØA	ØB	ØC			
LLA-90-050-1-X	56	24	33.5	●●●○	24V / 1.08W	45mA
LLA-90-080-1-X	80	50	56.5	●●●○	24V / 1.44W	60mA
LLA-90-100-1-X	101	71	77.5	●●●○	24V / 1.80W	75mA
LLA-90-150-1-X	151	121	127.5	●●●○	24V / 2.52W	105mA
LLA-90-180-1-X	181	151	157.5	●●●○	24V / 3.24W	135mA
LLA-90-210-1-X	211	181	187	●●●○	24V / 3.96W	165mA
				●●●○	24V / 5.04W	210mA
				●●●○	24V / 4.68W	195mA
				●●●○	24V / 6.12W	255mA
				●●●○	24V / 5.76W	240mA
				●●●○	24V / 7.20W	300mA

Remark: 2 types of white are available- W: Cool White WW: Yellowish White