

2017 Indirect Illumination

IDS4 SERIES – Even Illumination for All Angles

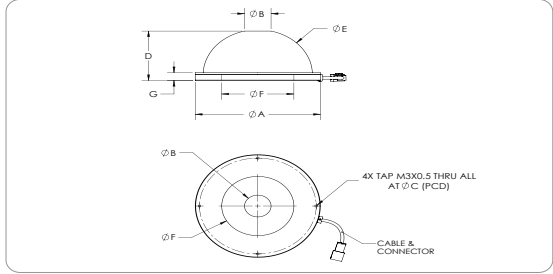
IDS4 series shine from a conical surface providing illumination from all angles. The illumination is able to provide images without shadows.

Application: crack, chip, stains on circular or cylindrical objects, solder inspection and substrate inspection.



BRACKET PART NO.

IDS4-00-050-X-X-BRACKET
IDS4-00-070-X-X-BRACKET
IDS4-00-100-X-X-BRACKET
IDS4-00-150-X-X-BRACKET
IDS4-00-200-X-X-BRACKET
IDS4-00-250-X-X-BRACKET



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

LED Wavelength [OSRAM LED Light Technology]

- Red Led is 620nm
- Blue Led is 450nm
- Green Led is 540nm

Model	Dimensions [MM]							Color	Voltage / Watt	Current	Weight [g]
	A	B	C	D	E	F	G				
IDS4-00-050-X-X	68	10	60	33.8	53	25	9	●●○ IRB50	24V / 1.20W 24V / 1.80W 24V / 1.54W	50mA 75mA 64mA	100
IDS4-00-070-X-X	95	20	85	44.5	78	41	9	●●○ IRB50	24V / 2.88W 24V / 4.00W 24V / 3.34W	120mA 200mA 160mA	160
IDS4-00-100-X-X	118	25	110	56.8	103	68	9	●●○ IRB50	24V / 4.80W 24V / 5.04W 24V / 3.84W	200mA 160mA 160mA	220
IDS4-00-150-X-X	185	40	172	89.8	165	113	12	●●○ IRB50	24V / 6.05W 24V / 6.05W 24V / 4.00W	250mA 250mA 1000mA	580
IDS4-00-200-X-X	232	50	222	112.8	212	160	12	●●○ IRB50	24V / 9.07W 24V / 8.54W 24V / 30.0W	378mA 360mA 1250mA	800
IDS4-00-250-X-X	284	50	272	139.4	261.6	212	12	●●○ IRB50	24V / 11.42W 24V / 12.45W 24V / 36.0W	476mA 500mA 1500mA	1000
IDS4-00-360-X-X	381	36.5	369	189	360	300	12	●●○ IRB50	24V / 37.2W 24V / 37.2W	1550mA 1550mA	1800

Model	Dimensions [MM]							Color	Voltage / Watt	Current	Weight [g]
	A	B	C	D	E	F	G				
IDS4-00-150-1-RGB	185	40	172	89.8	165	113	12	●●●	24V / 7.20W 24V / 6.72W 24V / 6.72W	300mA 280mA 280mA	1000
IDS4-00-200-1-RGB	232	50	222	112.8	212	160	12	●●●	24V / 6.72W 24V / 6.72W 24V / 6.72W	280mA 280mA 280mA	1300

Optional Connector

Standard Lighting Male Connector

PIN 1	24V
PIN 2	-
PIN 3	GND

M8 Male Connector M8 Pin Assignment

PIN 1	-	-
PIN 2	RED	24V
PIN 3	-	-
PIN 4	BLACK	GND

M12 Male Connector M12 Pin Assignment

PIN 1	BROWN	24V
PIN 2	WHITE	-
PIN 3	BLUE	GND
PIN 4	BLACK	-
PIN 5	GRAY	-

Product Part Numbering System :
IDS4-00-050-X-X-24V-M8

Product Part Numbering System :
IDS4-00-050-X-X-24V-M12