

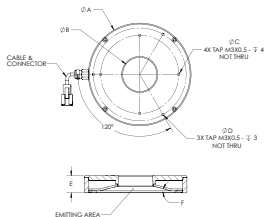
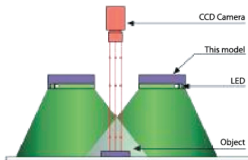
2017

Diffused Illumination

DFR4 SERIES – Diffused Angular Illumination

DFR4 series provide diffused even illumination over a surface. A conical illumination surface makes it possible to illuminate a work piece from almost any angle.

Application: printed character on IC chips, PCB component, printing on caps and Wafer OCR inspection.



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]**

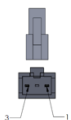
- Red Led is 620nm
- Blue Led is 450nm
- Green Led is 540nm

Model	Dimensions [MM]						Color	Voltage / Watt	Current	Weight [g]
	ØA	ØB	ØC	D	E	F ^o				
DFR4-00-050-1-X	56	8	25	35	18	0	• • • ○	24V / 2.16W	90 mA	60
DFR4-00-080-1-X	81	21	54	56	18	0	• • • ○	24V / 2.16W	90 mA	110
DFR4-00-100-1-X	105.2	30	80	95	18	0	• • • ○	24V / 4.70W	196 mA	160
DFR4-00-130-1-X	131.5	45	95	106	18	0	• • • ○	24V / 4.70W	196 mA	230
DFR4-15-080-1-X	81	19	54	56	17.5	15	• • • ○	24V / 5.40W	234 mA	115
DFR4-15-100-1-X	105.2	35	80	95	17.5	15	• • • ○	24V / 5.40W	234 mA	170
DFR4-15-130-1-X	131.5	45.6	95	106	17.5	15	• • • ○	24V / 5.40W	234 mA	210
DFR4-30-050-1-X	56	12	25	35	17.5	30	• • • ○	24V / 7.10W	300 mA	80
DFR4-30-080-1-X	81	25	54	56	17.5	30	• • • ○	24V / 2.16W	90 mA	145
DFR4-30-100-1-X	105.2	44	80	95	17.5	30	• • • ○	24V / 4.70W	196 mA	230
DFR4-30-130-1-X	131.5	66	95	106	17.5	30	• • • ○	24V / 5.40W	234 mA	355
							• • • ○	24V / 5.40W	234 mA	
							• • • ○	24V / 7.10W	300 mA	
							• • • ○	24V / 7.10W	300 mA	

Optional Connector

Remarks: DFR3 part numbers are changed to DFR4

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 :
DFR4-00-050-1-X-24V-M8

Product Part Numbering System :
DFR4-00-050-1-X-24V-M12