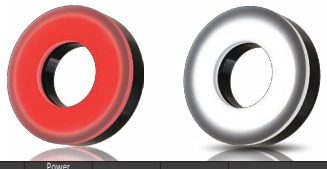
Flat Direct Ring Light IDR-F33/16 series

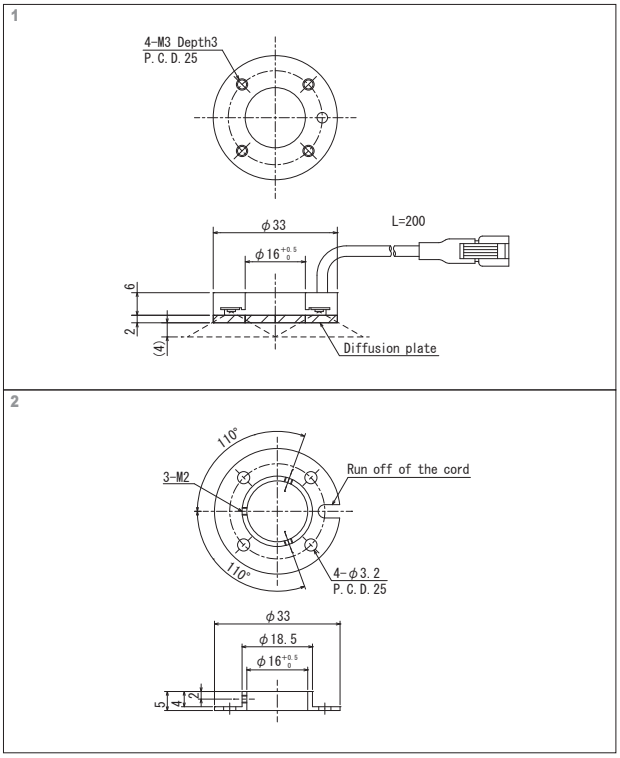
Ultra Flat-type Ring Light resource!

Mountable on coaxial telecentric lens with ϕ16mm outer diameter.
＊Recommended　LWD:40mm、65mm

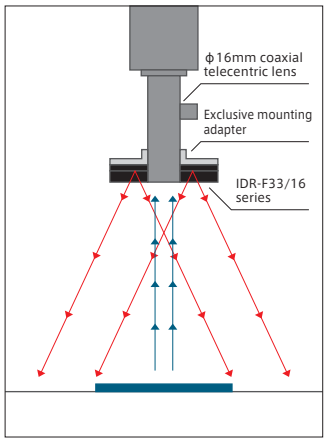


Model	Light Color	Power Consumption (W)	Input Voltage	SAG (＊)	Power Supply	Drawing
IDR-F33/16RS	R	2	DC12V	A8	ILP-30M2(P.81) IDGB series(P.89) other, overdrive power supply etc.	1
IDR-F33/16WS	W			D3		

＊The SAG value indicates the maximum voltage setting for SAG power supplies. For details, see page 101.



Compact and Lightweight design



Ultra-thin body:8mm thick(body=6mm,diffusion plate=2mm) Its thin design allows sharp cut of installation space.
Suitable design for coaxial telecentric lens with outer diameter of ϕ16mm .

Exclusive adapter

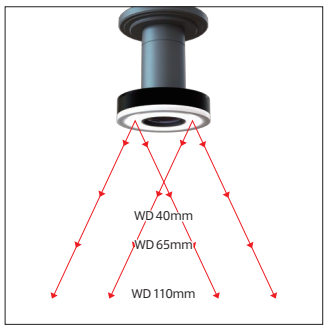
Model	Light Used	Drawing
IHL-33/16-5	IDR-F33/16 series	2

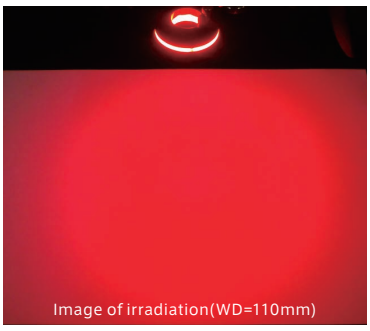
For fixing of IDR-F33/16 series and a coaxial telecentric lens

Exclusive polarizing plate

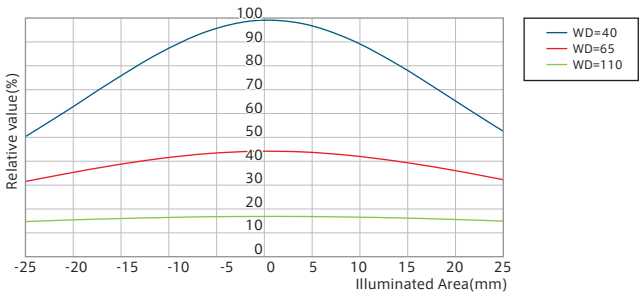
Model	Light Used
IKR-F33/16-PL	IDR-F33/16 series

Wide and strong irradiation





It allows uniform irradiation on the field of view of the lens.(WD=40~110mm)



Effect

Concomitant use of Coaxial spot lighting and Ring lighting allows high contrast imageing.
Application: Alignment marks, QR codes, Inspection for Characters, Electronic components, Semiconductor and others.