# C/Y with rotating luminaire

poratory

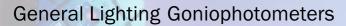
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# **LG-1 Series**





### General

Maximum dimensions of the DUT and load capacity (can be customised for specific	Model	Max dimensions (diagonal)	Load Capacity	
	LG-1.0	500 mm	3 kg	
	LG-1.1	1300 mm	10 kg	
applications)	LG-1.2	1300 mm	20 kg	
applications)	LG-1.3	2000 mm	30 kg	
	LG-1.5	2000 mm	50 kg	
Туре	C/ $\gamma$ with rotating luminaire The burning position is not maintained during the test. We only recommend this setup for LED measurements. Type B/ $\beta$ adapter (optional)			
Standards	CIE S 025/E:2015 IES LM-79-08 EN 13032-1:2012-0	06		
Test distance	Test distance : ≥ 15	times the DUT diagor	nal (S 025)	

### **Mechanics**

Angular accuracy	0.1 degree on both axes	
Angular resolution	0.001 degree on both axes	P

### **Sensors**

PH-1L Laboratory Photometer	V(λ) matching, f <sub>1</sub> '	≤ 1.5 %	Western
	Linearity, f <sub>3</sub>	≤ 0.1 %	B towns
	Fatigue, f <sub>5</sub>	≤ 0.1 %	(col) x10
Colour measurement with SP-4C Spectroradiometer	Spectral Range	UV/NIR re request)	nm (other options in the egions are available upon
Power analyser (optional)	Yokogawa WT310E (WT3000 optional)		
Power supply (optional)	Several options based on your requirements		
Temperature probe (optional)	Probe for room temperature or thermocouples for products temperature upon request. Software monitored		

## **Software**

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	Luminous intensity distribution
	- In IES, EULUMDAT, CIE, TM14 format
Results	Partial and Total Luminous Flux
(	Chromaticity distribution; x, y, u', v', CCT, D <sub>uv</sub> , R <sub>a</sub> , R <sub>f</sub>
	(with spectroradiometer)
	All items are software controlled.
Control	Automatic switch between photometric and colorimetric
	measurement (if selected).
	Automatic switch between test distances (if applicable)

As part of its ongoing research and development process, PSI reserves the right to change specifications without notice.