

PESSL INSTRUMENTS GES.M.B.H.

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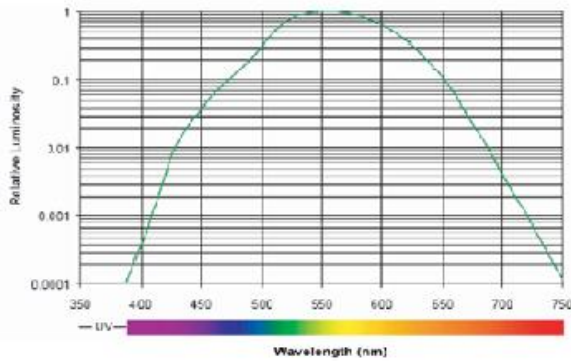
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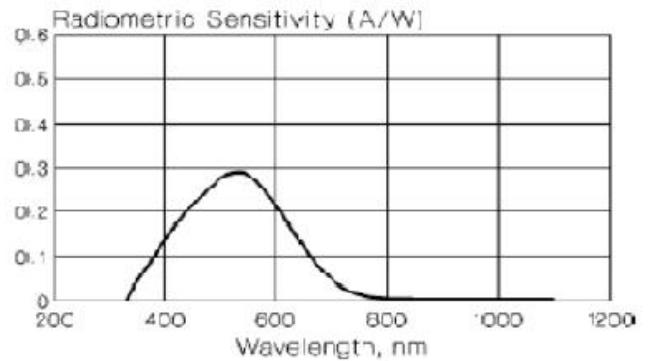
SENSOR	Lux Meter Sensor
Art.No.	IM508D



Photopic response curve



Absolute Spectral Response "B" Series (Filtered)



PARAMETER	
Sensor	VTB 1012 HB
Calibration	Skye SKL 310
Stability	5% thrift on 2 years use
Time to measure	250 ms
Temperature dependency	0.15% per Centigrade
Cosines correction	Sensor corrects up 80 ° degrees
Direction error	1% through 360 degrees at 45°
Working temperature	-20 to 65 C
Relative Humidity	0 to 100%
Sensor	Photodiode
Housing	Weather resistance PAS
Size	35 mm diameter, 45 mm height
Weight	114g
Evaluation	Pulse wide modulation Output 8.18% puls wide at 0 Lux 91.82% puls wide at 80 000 Lux
Spectral range:	330-730nm, Peak at 580 nm