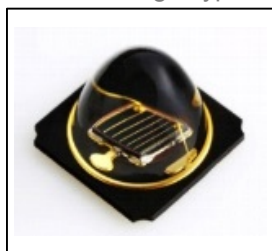


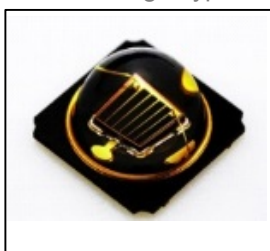
M□N1107MS

Narrow angle type



M□N1108MS

Wide angle type



The highest luminous efficiency in the world.

*Comparison of radiant flux with 1A driving

Thermal characteristics suitable
for high driving current



■ Features

- High efficiency
(Radiant flux/Input-power is more than 600mW/W)
- Low thermal resistance
- Variation:
Distribution angle : Narrow and wide angle
Peak Wavelength : 855nm and 945nm

■ Applications

- Surveillance cameras / Nighttime auxiliary lighting
- TOF (range imaging) camera lighting
- Sensors for biometrics

■ Specification

Item		MGN1107MS	MFN1107MS	MGN1108MS	MFN1108MS
Size	mm	L3.8×W3.8×H2.8		L3.8×W3.8×H2.1	
Peak wavelength	nm	855	945	855	945
Max forward current	mA	1,500	1,500	1,500	1,500
Total radiant flux	mW	1,100	950	1,100	950
Radiant intensity	mW/sr	530	440	280	230
Forward voltage	V	1.8	1.5	1.8	1.5
Half intensity angle $2\theta_{1/2}$	deg.	60	60	120	120
Thermal resistance	K/W	5	5	5	5
Response time Tr/Tf	nsec	15/15	15/15	15/15	15/15

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STANLEY ELECTRIC Co.,Ltd.

<https://www.stanley.co.jp/e/product/>

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