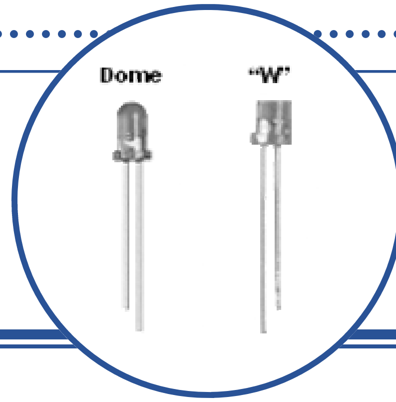
Plastic Infrared Emitting Diode
OP265, OP266 Series
(A, B, C, D, W)



Features:
- T-1 (3 mm) package style
- Choice of narrow or wide irradiance pattern
- Choice of dome or flat lens
- Mechanically and spectrally matched to other OPTEK devices
- Higher power output than GaAs at equivalent drive currents
- 890 nm diodes

Description:
Each device in the **OP265** and **OP266** series is a high intensity gallium arsenide infrared emitting diode (GaAIAs) that is molded in an IR transmissive clear or amber-tinted epoxy package with either a dome or flat lens. Devices feature narrow and wide irradiance patterns and a variety of electrical characteristics. The small T-1 package style makes these devices ideal for space-limited applications.

OP265 devices conform to the OP505 and OP535 series devices. OP266 devices conform to OP506 series devices.

Please refer to Application Bulletins 208 and 210 for additional design information and reliability (degradation) data.

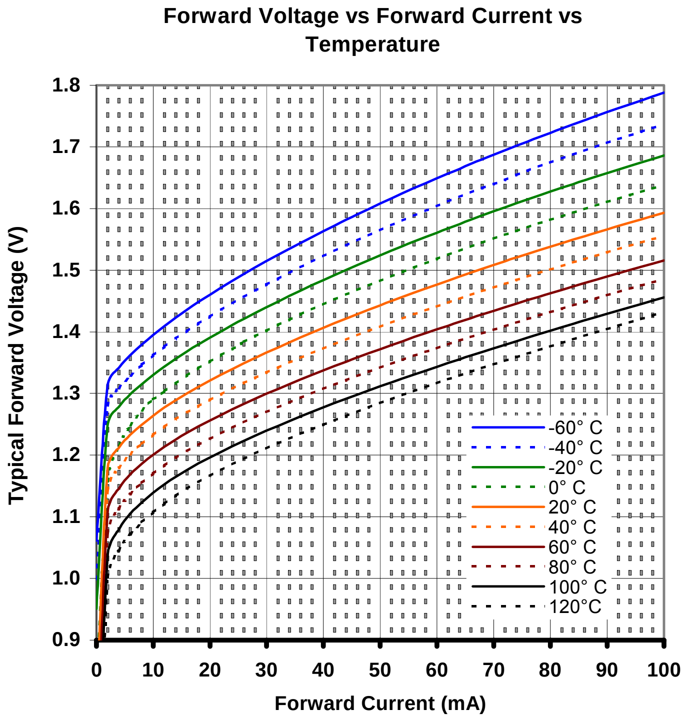
Applications:
- Space-limited applications
- Applications requiring coupling efficiency
- Battery-operated or voltage-limited applications

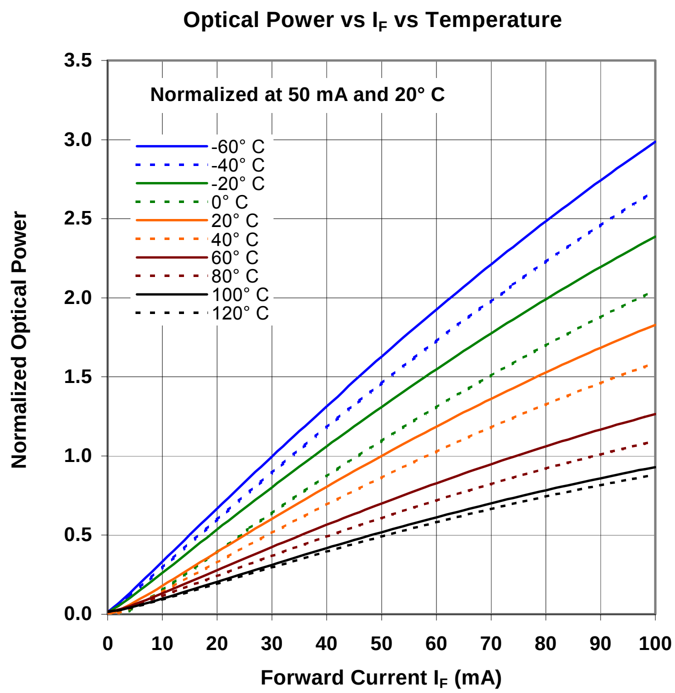
Ordering Information

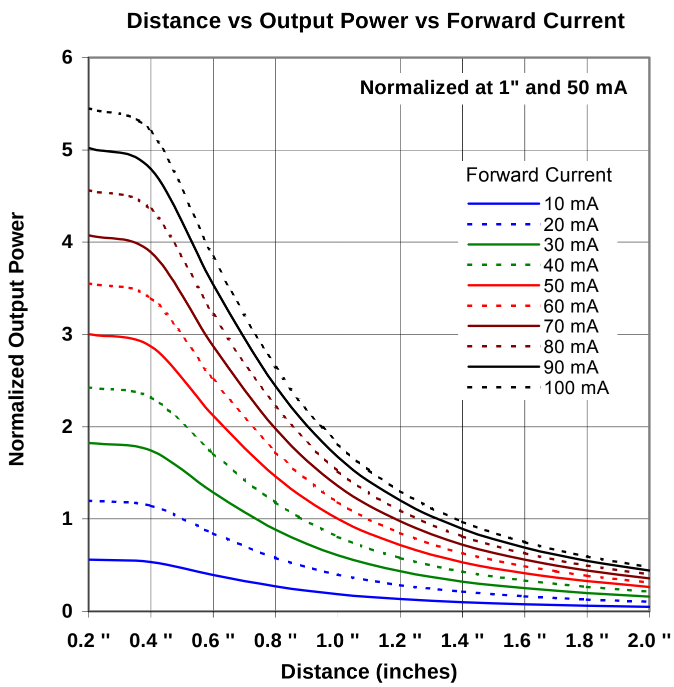
Part Number	LED Peak Wavelength	Output Power (mW/ cm^2) Min / Max	I_F (mA) Typ / Max	Total Beam Angle	Lead Length
OP265A	890 nm	2.70 / NA	20 / 50	18°	0.50"
OP265B		1.65 / 4.70			
OP265C		0.54 / 3.30			
OP265D		0.54 / NA			
OP265W		1.00 / NA		90°	
OP266A		2.70 / NA		18°	
OP266B		1.65 / 4.70			
OP266C		0.54 / 3.30			
OP266D		0.54 / NA			
OP266W		1.00 / NA		90°	

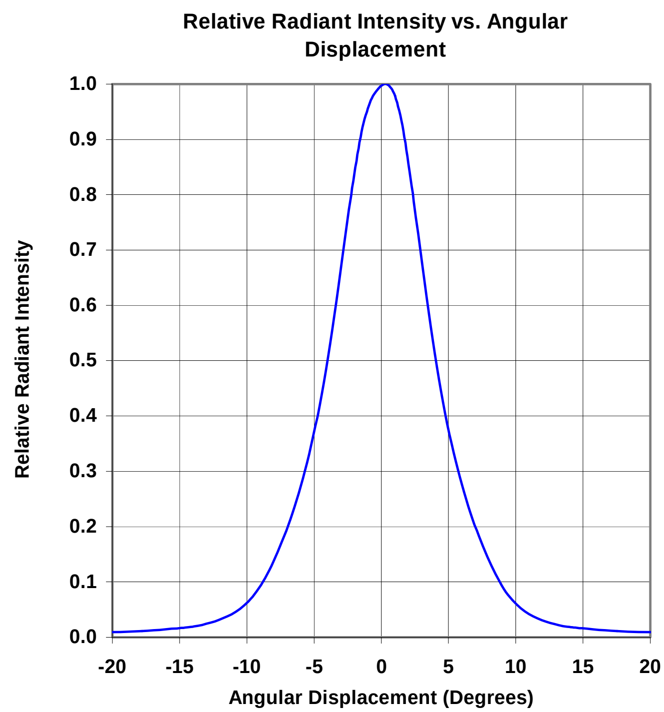
RoHS

OP265, OP266 (A, B, C, D, W)









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