

# ACP9036 1650±15nm Broadband SLED Light Source



ACP9036 1650±15 nm Broadband SLED Light Source is a high performance, small dimension, fast startup, affordable optical broadband light source. It provides 1635 ~ 1665 nm wavelength range broadband light output. ACP9036 offers superior performances for testing of DWDM/CWDM components, AWG & PLC components, optical amplifiers, telecom optical filters and other general purpose fiber optical test and measurement applications. It is designed especially for volume DWDM/CWDM filter and component production line applications.

## PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Model #	ACP9036
Operation Wavelength	1635 ~ 1665nm
Total Output Power	>10mW
Spectral Density	≥ -18dBm/0.1nm
Connector Type	FC/APC (Other Adaptor can be Customized)
Spectral Density Stability within 15mins	<±0.02dB*
Output Power Stability within 15mins	<±0.02dB*
Output Power Stability within 8hrs	≤±0.05dB*
Operation Model	CW
Fiber Type	Single Mode SFM-28
Operating Temperature	0 to +40°C
Storage Temperature	- 30 to +80°C
Power Supply	AC 110 ~ 220V ±10%, 50Hz, 20W
Package Dimensions (HxWxD)	44mm x 224mm x 300mm
Weight	5.0kg

\*All spectral and power stability test is base on temperature 25 Degree, temperature tolerance ±2 degree, power on 40 minutes , CW operation mode condition.

## FEATURES

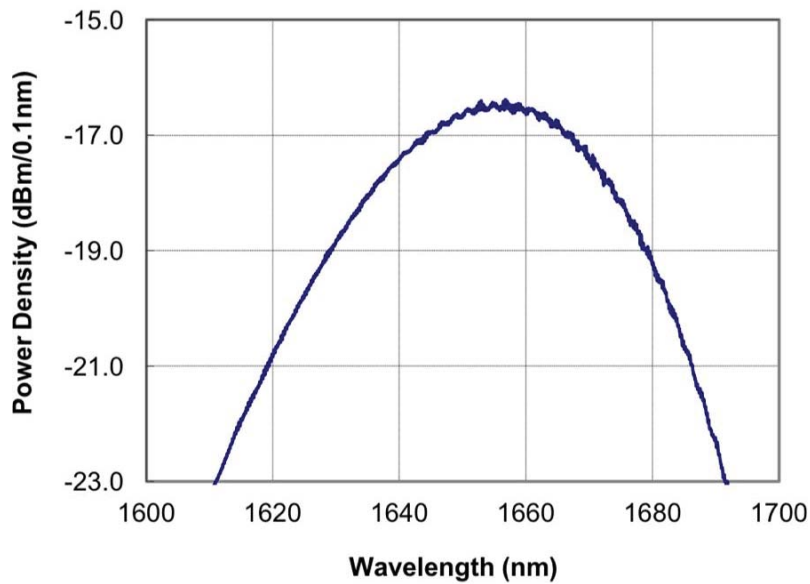
- Broadband Light Output
- High Spectral Density
- Quick Startup
- Small Dimension
- Affordable Price

## APPLICATION

- DWDM/CWDM Filters and Components Test
- Fiber Optic Parts and Components Spectrum Analysis
- Optical Coherence Tomography (OCT)
- Fiber Sensing, Fiber Cable Test
- Fiber Optical, Telcom R&D Lab Test

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TYPICAL SPECTRUM:



### AC PHOTONICS TEST AND MEASUREMENT SUPPORT, SERVICES AND ASSISTANCE

AC Photonics provides high performance, high value, low cost, affordable test and measurement instrument solutions for our customers. Our extensive support resources can help you choose the right AC Photonics' products for your applications and apply them successfully. Every instrument and system we sell has global warranty. All of our instruments have 12 months factory warranty.