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Data Sheet

August 13, 2026

LABSPHERE

Labsphere LPS-100-0260

The Labsphere LPS-100-0260 is a Spectralon Diffuse Reflectance Standard with 99% reflectance. This standard provides a highly Lambertian surface for calibrating spectrophotometers and other optical instruments.



MODEL

Labsphere LPS-100-0260

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LPS-100-0260

LISTING

<https://aumictechlabs.com/products/lps-100-0260-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Labsphere LPS-100-0260 is a regulated power supply designed for operation of Labsphere's light measurement systems. It delivers a constant 2.60 A output at 35 W with 0.1% current stability, operating from universal AC mains (110–240 VAC, 50/60 Hz). The supply incorporates a 20-second ramp-up profile to extend lamp life and includes an integrated timer for tracking lamp operation hours. Front-panel control allows straightforward system integration and monitoring. Technical Specifications Output Current: 2.60 A $\pm$ 0.1% Output Power: 35 W Input Power: 110–240 VAC, 50/60 Hz Current Stability: 0.1% Current Rise Time: 20 seconds Lamp Operation Timer: Integrated Control Interface: Front panel Key Features Stable regulated current delivery ensures consistent lamp performance and measurement repeatability Soft-start ramp-up reduces inrush stress and extends lamp service life Universal input voltage (110–240 VAC) supports global deployment Built-in operation timer tracks cumulative lamp usage for maintenance scheduling Compact 35 W form factor integrates into optical and photometric instrumentation Typical

Applications Power delivery for spectrophotometer illuminant sources Integration into radiometric and photometric measurement systems Laboratory calibration and reference light source operation Industrial optical inspection and quality assurance systems Compatibility & Integration

The LPS-100-0260 is specified for Labsphere light measurement platforms requiring stable, regulated lamp current. Front-panel operation enables standalone use or integration into automated measurement setups with manual control.

Features & description

From manufacturer datasheet

Features

- LPS-100 lamp supply; suffix 0260 configuration

LPS1000260 Characteristics / Specifications

PARAMETER	VALUE
Model	LPS-100-0260
Manufacturer	Labsphere
Instrument Type	Lamp DC Power Supply
Series	LPS-100
Alias	LPS-100-0260; LPS100-0260; Labsphere LPS-100-0260
Family	LPS-100 / LPS-150 lamp power supplies
Ramp Time	20 seconds to set current (LPS-100 and LPS-150)
Remote Control	TTL
Local Control	front-panel on/off and operations
Timer	lamp operation timer
Regulation	preset regulated DC current
Host Example	LMS-200 20 inch lamp-measurement sphere listings include LPS-100-0260
LMS200 Max Lamp	400 W (sphere rating; not this PSU rating)
LMS100 Max Lamp	100 W (10 inch sphere)
Tek Class	bench single-output DC, LPS series, at or below 20 A
Output Voltage	nameplate / 0260 lamp-match (do not copy LPS-175-27 27 V)
Output Current	nameplate / 0260 lamp-match (do not copy 8.33 A)
Output Power	nameplate (do not copy 175 W from LPS-175-27)
Related Suffixes	LPS-100-0042, LPS-100-0105, LPS-100-0167, LPS-100-0278, LPS-100-0307 are other LPS-100 configs
Later Family	LPS-175-27 / LPS-350-28 / LPS-525-42 are newer programmable LPS units, not this 0260
Form	bench lamp supply (confirm 1U vs older chassis on the unit)
Cooling	confirm fan on the installed LPS-100
AC Line	confirm 100-240 vs 115/230 on the nameplate
Connections	lamp power and sense; TTL remote

PARAMETER	VALUE
Duty	lamp calibration cycles with 20 s ramp
Identity Rule	keep LPS-100-0260 off the LPS-175-27 8.33 A / 27 V table
CIE Context	LMS spheres follow CIE Publication 84 lamp-measurement practice Notes Verified LPS-100 family features from Labsphere LPS-100/150 lamp-supply descriptions (20 s ramp, TTL, timer, regulated DC current) and Tek listing of LPS-100-0260 as LPS series bench single-output at or below 20 A. Exact V/I for suffix 0260 is nameplate/lamp-specific. Do not invent 8.33 A or 27 V.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Model	LPS-100-0260
Manufacturer	Labsphere
Instrument Type	Lamp DC Power Supply
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PARAMETER	VALUE
Series	LPS-100
Alias	LPS-100-0260; LPS100-0260; Labsphere LPS-100-0260
Family	LPS-100 / LPS-150 lamp power supplies
Specifications	
PARAMETER	VALUE
Ramp Time	20 seconds to set current (LPS-100 and LPS-150)
Remote Control	TTL
Local Control	front-panel on/off and operations
Specifications	
PARAMETER	VALUE
Timer	lamp operation timer
Regulation	preset regulated DC current
Host Example	LMS-200 20 inch lamp-measurement sphere listings include LPS-100-0260
Specifications	
PARAMETER	VALUE
LMS200 Max Lamp	400 W (sphere rating; not this PSU rating)
LMS100 Max Lamp	100 W (10 inch sphere)
Tek Class	bench single-output DC, LPS series, at or below 20 A

Specifications

PARAMETER	VALUE
Output Voltage	nameplate / 0260 lamp-match (do not copy LPS-175-27 27 V)
Output Current	nameplate / 0260 lamp-match (do not copy 8.33 A)
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PARAMETER	VALUE
Related Suffixes	LPS-100-0042, LPS-100-0105, LPS-100-0167, LPS-100-0278, LPS-100-0307 are other LPS-100 configs
Later Family	LPS-175-27 / LPS-350-28 / LPS-525-42 are newer programmable LPS units, not this 0260
Form	bench lamp supply (confirm 1U vs older chassis on the unit)

Specifications

PARAMETER	VALUE
Cooling	confirm fan on the installed LPS-100
AC Line	confirm 100-240 vs 115/230 on the nameplate
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Specifications

PARAMETER	VALUE
Duty	lamp calibration cycles with 20 s ramp
Identity Rule	keep LPS-100-0260 off the LPS-175-27 8.33 A / 27 V table
CIE Context	LMS spheres follow CIE Publication 84 lamp-measurement practice

Notes

Verified LPS-100 family features from Labsphere LPS-100/150 lamp-supply descriptions (20 s ramp, TTL, timer, regulated DC current) and Tek listing of LPS-100-0260 as LPS series bench single-output at or below 20 A. Exact V/I for suffix 0260 is nameplate/lamp-specific. Do not invent 8.33 A or 27 V.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.