Super-Uniform Spotlight for wide variety of applications

LSP-41RD

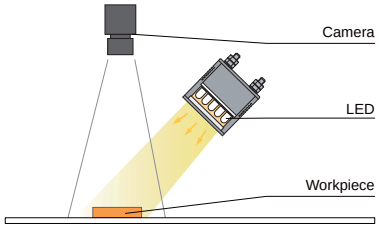
Applications	Character recognition, visual inspection for electronic parts, visual and position inspections for circuit boards, light source for spot lights, etc.

Features

High luminance Spot Lights LSP Series is suited for limited and long working distance from 300 mm to 500 mm, with a compact design—Ø41 mm diameter housing.

We accept custom orders. Please feel free to inquire.
• Changes in length, etc.

Example configuration (LSP-41RD)



Examples of Light Images

Reading bar code
Light used: LSP-41RD

Reading QR code
Light used: LSP-41RD

Inspecting dot-marked characters on pipe
Light used: LSP-41RD

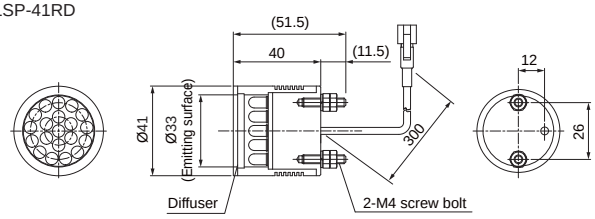
Lineup

Model name	LED color	Power consumption	Peak wavelength / correlated color temperature	Options	Extension cables	Recommended Control Units	Weight
LSP-41RD	Red	12V / 20 W	660 nm	Polarizing plate	CB Straight Cable CB-W 2-branch Cable CB-F 4-branch Cable RCB Robot Cable	PD2 PSB PTU2	115 g

Options ▶ P.303 | Extension Cables ▶ P.308 | Control Unit Selection Guide ▶ P.251 | List of Control Unit Specifications ▶ P.253

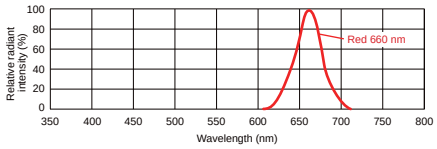
Dimensions (mm)

LSP-41RD



LED Properties

Light spectrum



Be sure to read the "Instruction Guide" included with the product before use and follow the safety precautions upon use.
The data included is for reference only. Actual values may vary.

You can change the connectors of the Light Unit cable. Choose between M12 connectors and flying leads. Refer to P.5 for details.

Spot Lights
Direct Lighting: LDR2, LDR2-LA, LDR-LA1, SQR, SQR-TP
Diffused Lighting: HPR2, LFR, LKR, FPR, FPQ2
Direct Lighting: LDL2, LDLB, HLDL2, HL
Diffused Lighting: TH2 (5 types), TH, LFL, HPD2, LDM2, LAV, PDM, LFX3, LFX3-PT, LFV3
Collimated Lighting: MSU, MFU
Strobe Lighting: PF
Water-proof: HLDR-IP/ HSL-PCL
Ultraviolet Lighting: UV2, UV, LNSP-UV-FN
Infrared Lighting: IR2
Intensity Control: IU
Spot Lighting, Etc.: HLV3, HLV2, LV, LSP, HFS/HFR, HLV3-NR, HLV3-3M-RGB-4, HLV2-NR, HLV2-3M-RGB-3W, PFBR, PFB3, PFB2
Convergent Lighting: LNLP, LNSP2, LNSP, Coaxial Units, LNSP-FN, LN/LN-HK
Diffused Lighting: LNSD, LND2, HLND, LT, LNV
Oblique Angled Lighting: LNDG, LNIS2, LNIS, LNIS-FN
Lenses: Telecentric Lens, Macro Lens