

UV light, UV series

LS-UV-C series · Ring lights · 11 models



Uses imported high-output UV LEDs; uses differences in scattering and spectral reflectance for a variety of measurements.

Features

- Using imported high output UV LEDs
- Using the difference in scattering rates for a variety of measurements
- Using the difference in spectral reflectance for a variety of measurements

Applications

- Checking sealing material by stimulating fluorescence
- Measurements using the difference in spectral reflectance
- Invisible barcode reading
- ITO location inspection
- Size measurement
- Glue inspection inside earphones

Colours

UV	365-405 nm
UV365	365 nm
UV385	385 nm
UV395	395 nm

Common specifications

Storage temperature	20-60 °C
Operating temperature	0-40 °C
Humidity	20-85 %RH (non-condensing)
Service life	At 25 °C ambient: red works continuously for 60000 hours at 50% illumination, white 30000 hours at 50% illumination (decrement at 50%)

Warranty	1 year free maintenance or replacement for faults not caused by the user
Optional accessories	Extension cable
Controller	LS-DPS, LS-APS, LS-SPS, LS-CPL series (match the power of the light source)

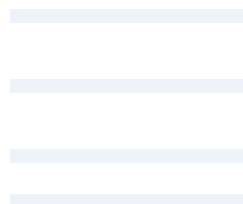
Ordering code: LS-<type code><luminous dimension mm>-UV<wavelength: 365/385/395> (e.g. LS-COS40-UV365)

Models

Model	Power (W)	Luminous dimension (mm)	Overall size (mm)	Recommended controller	Illumination angle (schematic)	Diffuser
LS-COS40-UV365 colours: UV365	2.8	38 x 39	L70 x W46 x H47	LS-DPS, LS-APS, LS-SPS	-	-
LS-RS5060-UV365 colours: UV365	3.1	44	OD50 x ID28.5 x H14.5	LS-DPS, LS-APS, LS-SPS	60°	with diffuse plate
LS-RS7430-UV365 colours: UV365	4.1	62.4	OD74 x ID40 x H20	LS-DPS, LS-APS, LS-SPS	30°	with diffuse plate
LS-RS9070-UV365 colours: UV365	11	82	OD90 x ID44 x H20	LS-DPS, LS-APS, LS-SPS	70°	with diffuse plate
LS-RS12070-UV365 colours: UV365	15	109.8	OD120 x ID65 x H22	LS-DPS, LS-APS, LS-SPS	-	with diffuse plate
LS-RS13220-UV365 colours: UV365	13	113.4	OD132 x ID96 x H22	LS-DPS, LS-APS, LS-SPS	20°	with diffuse plate
LS-BS8629-UV365 colours: UV365	4.2	74 x 26	L86 x W29 x H18	LS-DPS, LS-APS, LS-SPS	-	-
LS-BS15030-UV365 colours: UV365	6.3	140 x 25	L150 x W30 x H24	LS-DPS, LS-APS, LS-SPS	-	-
LS-BS20540-UV365 colours: UV365	13	175 x 33	L205 x W40 x H38	LS-DPS, LS-APS, LS-SPS	-	diffuse plate optional
LS-BS27840-UV365 colours: UV365	19	266 x 31	L278 x W40 x H36	LS-DPS, LS-APS, LS-SPS	-	-
LS-SPL0854-UV365 colours: UV365	1.9	dia. 6	OD24 x ID8 x H54	LS-CPL0510A-2T	-	-

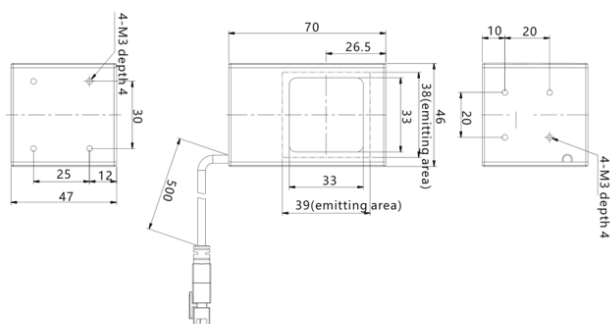
More values per model (Cable length (mm)) are on each product page.

Dimensions



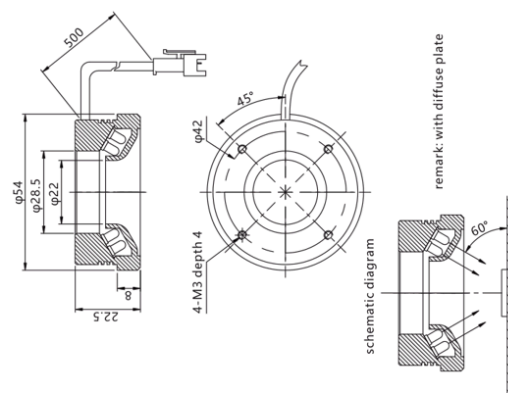
LS-COS40

1



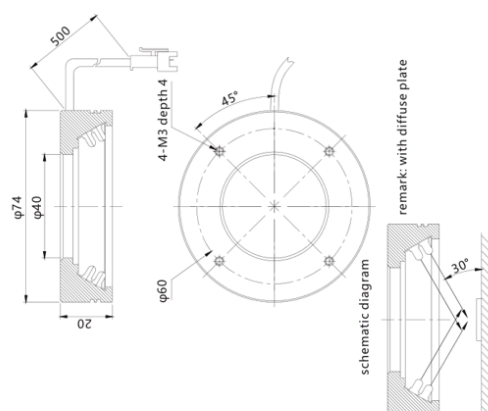
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2



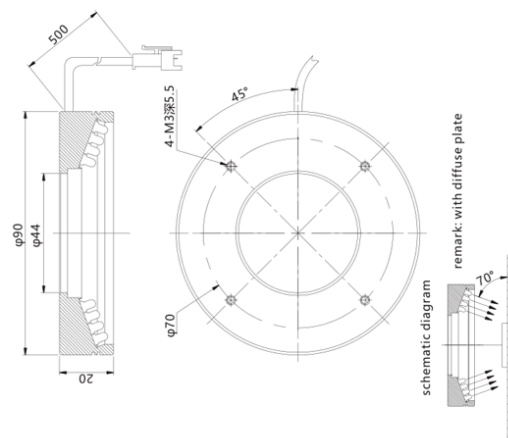
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3



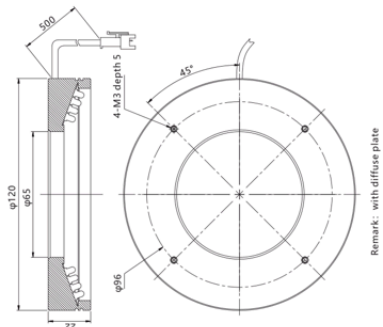
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4



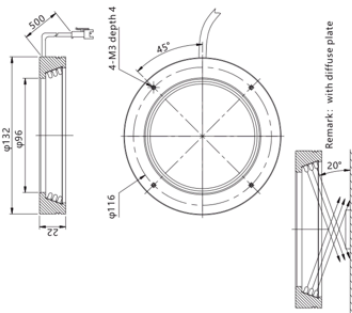
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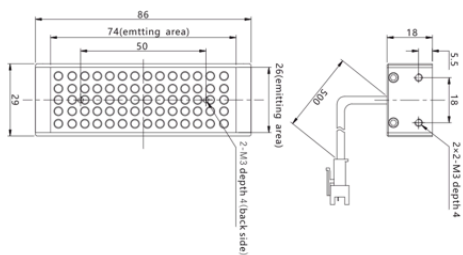
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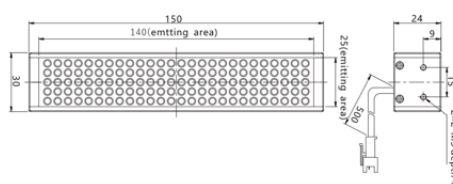
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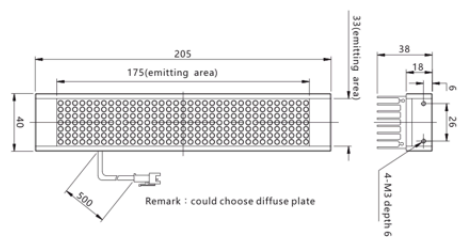
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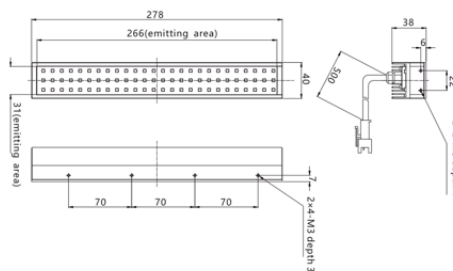
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9



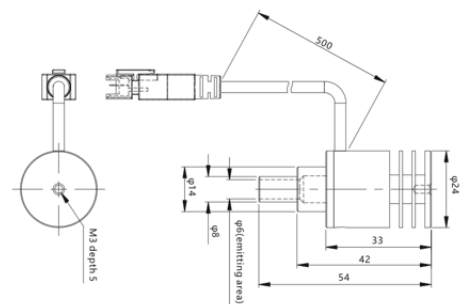
LS-BS27840

10



LS-SPL0854

11



Product views

