

Flat backlights

LS-LBSS series · Backlights · 61 models

Adopts high-density array LED design, and provides excellent lighting uniformity. Provides side mounting lugs to achieve flexible installation.

Features

- Adopts high-density array LED design, and provides excellent lighting uniformity.
- Provides side mounting lugs to achieve flexible installation.



Common specifications

Cable length	1 m
Temperature	Working temperature: 0 °C to 40 °C (32 °F to 104 °F); Storage temperature: -20 °C to 60 °C (-4 °F to 140 °F)
Humidity	20% RH to 90% RH (no condensation)
Diffuse plate included	Included

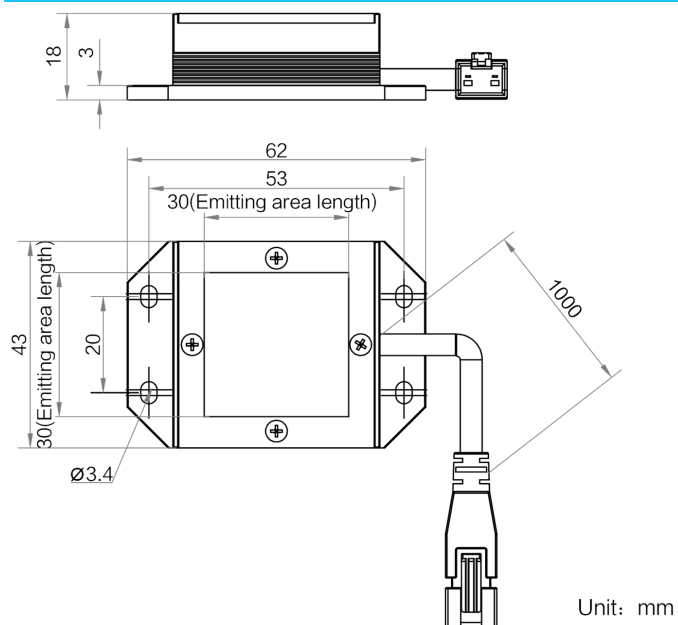
Models

Model	Color	Center illuminance/irradiance	Power	Connector type	Dimension	Emitting area dimension	Weight
LS-LBSS-H-30-30-W	White	≥ 2700 lux@100 mm	2.4 W	SMR-03V-B	62 mm × 43 mm × 18 mm	30 mm × 30 mm	0.09 kg
LS-LBSS-H-50-30-W	White	≥ 6000 lux@100 mm	3.3 W	SMR-03V-B	82 mm × 43 mm × 18 mm	50 mm × 30 mm	0.1 kg
LS-LBSS-H-30-30-W2	White	≥ 2700 lux@100 mm	2.3 W	SMR-03V-B	62 mm × 43 mm × 18 mm	30 mm × 30 mm	0.09 kg
LS-LBSS-H-30-30-R2	Red	≥ 450 lux@100 mm	1.7 W	SMR-03V-B	62 mm × 43 mm × 18 mm	30 mm × 30 mm	0.09 kg
LS-LBSS-H-30-30-B2	Blue	≥ 270 lux@100 mm	1.8 W	SMR-03V-B	62 mm × 43 mm × 18 mm	30 mm × 30 mm	0.09 kg
LS-LBSS-H-50-30-B2	Blue	≥ 600 lux@100 mm	2.7 W	SMR-03V-B	82 mm × 43 mm × 18 mm	50 mm × 30 mm	0.1 kg
LS-LBSS-H-50-30-R2	Red	≥ 1000 lux@100 mm	2.4 W	SMR-03V-B	82 mm × 43 mm × 18 mm	50 mm × 30 mm	0.1 kg
LS-LBSS-H-50-30-W2	White	≥ 6000 lux@100 mm	3.4 W	SMR-03V-B	82 mm × 43 mm × 18 mm	50 mm × 30 mm	0.1 kg
LS-LBSS-H-50-50-W	White	≥ 10000 lux@100 mm	5.1 W	SMR-03V-B	82 mm × 63.2 mm × 18 mm	50 mm × 50 mm	0.15 kg

LS-LBSS-H-50-50-B2	Blue	≥ 1000 lux@100 mm	3.7 W	SMR-03V-B	82 mm × 63.2 mm × 18 mm	50 mm × 50 mm	0.15 kg
LS-LBSS-H-50-50-R2	Red	≥ 1500 lux@100 mm	3.2 W	SMR-03V-B	82 mm × 63.2 mm × 18 mm	50 mm × 50 mm	0.15 kg
LS-LBSS-H-50-50-W2	White	≥ 15000 lux@100 mm	4.4 W	SMR-03V-B	82 mm × 63.2 mm × 18 mm	50 mm × 50 mm	0.15 kg
LS-LBSS-H-80-80-W	White	≥ 20000 lux@100 mm	14.7 W	SMR-03V-B	112 mm × 93 mm × 18 mm	80 mm × 80 mm	0.2 kg
LS-LBSS-H-80-80-B2	Blue	≥ 4000 lux@100 mm	11.3 W	SMR-03V-B	112 mm × 93 mm × 18 mm	80 mm × 80 mm	0.2 kg
LS-LBSS-H-80-80-R2	Red	≥ 3000 lux@100 mm	10.8 W	SMR-03V-B	112 mm × 93 mm × 18 mm	80 mm × 80 mm	0.2 kg
LS-LBSS-H-80-80-W2	White	≥ 20000 lux@100 mm	14.9 W	SMR-03V-B	112 mm × 93 mm × 18 mm	80 mm × 80 mm	0.2 kg
LS-LBSS-H-100-100-W	White	≥ 40000 lux@100 mm	25 W	SMR-03V-B	132 mm × 113 mm × 18 mm	100 mm × 100 mm	0.3 kg
LS-LBSS-H-100-100-B2	Blue	≥ 4000 lux@100 mm	18.2 W	SMR-03V-B	132 mm × 113 mm × 18 mm	100 mm × 100 mm	0.3 kg
LS-LBSS-H-100-100-R2	Red	≥ 7000 lux@100 mm	17.2 W	SMR-03V-B	132 mm × 113 mm × 18 mm	100 mm × 100 mm	0.3 kg
LS-LBSS-H-100-100-W2	White	≥ 40000 lux@100 mm	23 W	SMR-03V-B	132 mm × 113 mm × 18 mm	100 mm × 100 mm	0.3 kg
LS-LBSS-H-120-120-W	White	≥ 31000 lux@100 mm	22 W	SMR-03V-B	152 mm × 133 mm × 18 mm	120 mm × 120 mm	0.4 kg
LS-LBSS-H-150-100-W	White	≥ 40000 lux@100 mm	25 W	SMR-03V-B	182 mm × 113 mm × 18 mm	150 mm × 100 mm	0.45 kg
LS-LBSS-H-120-120-B2	Blue	≥ 6000 lux@100 mm	19.5 W	SMR-03V-B	152 mm × 133 mm × 18 mm	120 mm × 120 mm	0.4 kg
LS-LBSS-H-120-120-R2	Red	≥ 5000 lux@100 mm	16.9 W	SMR-03V-B	152 mm × 133 mm × 18 mm	120 mm × 120 mm	0.4 kg
LS-LBSS-H-120-120-W2	White	≥ 31000 lux@100 mm	25.1 W	SMR-03V-B	152 mm × 133 mm × 18 mm	120 mm × 120 mm	0.4 kg
LS-LBSS-H-150-100-B2	Blue	≥ 8000 lux@100 mm	19 W	SMR-03V-B	182 mm × 113 mm × 18 mm	150 mm × 100 mm	0.45 kg
LS-LBSS-H-150-100-R2	Red	≥ 13000 lux@100 mm	20 W	SMR-03V-B	182 mm × 113 mm × 18 mm	150 mm × 100 mm	0.45 kg
LS-LBSS-H-150-100-W2	White	≥ 40000 lux@100 mm	27.3 W	SMR-03V-B	182 mm × 113 mm × 18 mm	150 mm × 100 mm	0.45 kg
LS-LBSS-H-150-150-W	White	≥ 60000 lux@100 mm	36 W	SMR-03V-B	182 mm × 163 mm × 18 mm	150 mm × 150 mm	0.5 kg
LS-LBSS-H-150-150-B2	Blue	≥ 12000 lux@100 mm	32 W	SMR-03V-B	182 mm × 163 mm × 18 mm	150 mm × 150 mm	0.5 kg
LS-LBSS-H-150-150-R2	Red	≥ 18000 lux@100 mm	27.9 W	SMR-03V-B	182 mm × 163 mm × 18 mm	150 mm × 150 mm	0.5 kg
LS-LBSS-H-150-150-W2	White	≥ 60000 lux@100 mm	40 W	SMR-03V-B	182 mm × 163 mm × 18 mm	150 mm × 150 mm	0.5 kg
LS-LBSS-H-250-150-W	White	≥ 60000 lux@100 mm	46 W	SMR-03V-B	282 mm × 163 mm × 19 mm	250 mm × 150 mm	0.8 kg
LS-LBSS-H-250-150-B2	Blue	≥ 10000 lux@100 mm	40.7 W	SMR-03V-B	282 mm × 163 mm × 19 mm	250 mm × 150 mm	0.8 kg
LS-LBSS-H-250-150-W2	White	≥ 60000 lux@100 mm	53.9 W	SMR-03V-B	282 mm × 163 mm × 19 mm	250 mm × 150 mm	0.8 kg

More values per model (Color temperature, Input voltage, Cooling mode, Wavelength) are on each product page.

Performance



Product views

