

LB3a

ラスタービーム IIIa



- Constant voltage DC24V driven method
- Dimming function is available
- High colour rendering index with different CCT available upon request.



BASIC SPECIFICATION

PART NO.

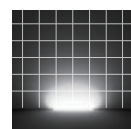
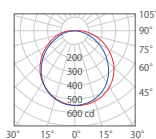
LB3a-△△HOOE

○ Standard ● Customize

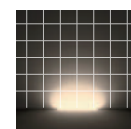
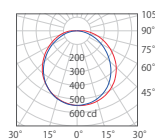
12 : 4ft (1136mm)
 10 : 1m (996mm)
 09 : 3ft (856mm)
 06 : 2ft (576mm)
 03 : 1ft (296mm)

65 : 6500K ●
 50 : 5000K ○
 40 : 4000K ●
 35 : 3500K ●
 30 : 3000K ○
 27 : 2700K ●

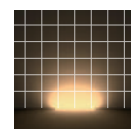
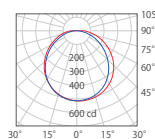
INPUT VOLTAGE	DC24V
COLOR TEMPERATURE	2700K 3000K 3500K 4000K 5000K
AVERAGE CRI	>Ra90
POWER CONSUMPTION	15.00W / 13.13W / 11.25W / 7.50W / 3.75W [4ft] [1m] [3ft] [2ft] [1ft]
BEAM ANGLE	115°
LEVEL OF PROTECTION	IP44
OPERATION TEMP./HUM.	-20°C ~ +50°C / 20°C ~ 85%RH
STORAGE TEMPERATURE	-20°C ~ +70°C

LB3a-△△H50E
5000K

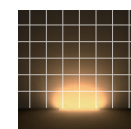
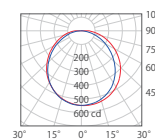
1600 / 1400 / 1200 / 800 / 400 lm

LB3a-△△H40E
4000K

1600 / 1400 / 1200 / 800 / 400 lm

LB3a-△△H30E
3000K

1480 / 1295 / 1110 / 740 / 370 lm

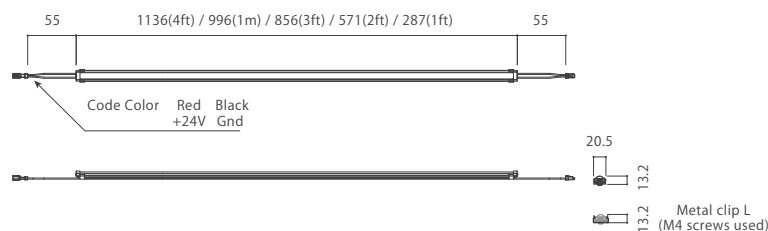
LB3a-△△H27E
2700K

1380 / 1205 / 1035 / 690 / 345 lm

※ 4ft polar light distribution curve.
 ※ Luminous flux for 1ft / 2ft / 3ft / 4ft.
 ※ Grid 500 x 500 mm / Illuminating surface ≈ 3500 x 3000 mm

LIST of AVAILABLE PRODUCTION LENGTHS

PART NO. :	LENGTH	POWER	Standard	Customize
01	: 156 mm	1.88 W		
03	: 296 mm	3.75 W		1ft
04	: 436 mm	5.63 W		
06	: 576 mm	7.50 W		2ft
07	: 716 mm	9.38 W		
09	: 856 mm	11.25 W		3ft
10	: 996 mm	13.13 W		1m
12	: 1136 mm	15.00 W		4ft



	Model	CCT	Lumen	Rated Power	Beam Angle	Size (L x W x H)	Weight
High Flux (13.13 W/m)	LB3a-03H50E_X	5000K	440 lm	3.75 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03H40E_X	4000K	440 lm	3.75 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03H30E_X	3000K	370 lm	3.75 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03H27E_X	2700K	345 lm	3.75 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-06H50E_X	5000K	800 lm	7.50 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06H40E_X	4000K	800 lm	7.50 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06H30E_X	3000K	740 lm	7.50 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06H27E_X	2700K	690 lm	7.50 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-09H50E_X	5000K	1200 lm	11.25 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09H40E_X	4000K	1200 lm	11.25 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09H30E_X	3000K	1110 lm	11.25 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09H27E_X	2700K	1035 lm	11.25 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-10H50E_X	5000K	1400 lm	13.13 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10H40E_X	4000K	1400 lm	13.13 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10H30E_X	3000K	1295 lm	13.13 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10H27E_X	2700K	1205 lm	13.13 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-12H50E_X	5000K	1600 lm	15.00 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12H40E_X	4000K	1600 lm	15.00 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12H30E_X	3000K	1480 lm	15.00 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12H27E_X	2700K	1380 lm	15.00 W	115°	1136 x 20.5 x 13.2 (mm)	180 g

	Model	CCT	Lumen	Rated Power	Beam Angle	Size (L x W x H)	Weight
Low Flux (8.97 W/m)	LB3a-03L50E_X	5000K	275 lm	2.57 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03L40E_X	4000K	275 lm	2.57 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03L30E_X	3000K	260 lm	2.57 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03L27E_X	2700K	255 lm	2.57 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-06L50E_X	5000K	550 lm	5.12 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06L40E_X	4000K	550 lm	5.12 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06L30E_X	3000K	520 lm	5.12 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06L27E_X	2700K	510 lm	5.12 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-09L50E_X	5000K	825 lm	7.68 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09L40E_X	4000K	825 lm	7.68 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09L30E_X	3000K	780 lm	7.68 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09L27E_X	2700K	765 lm	7.68 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-10L50E_X	5000K	960 lm	8.97 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10L40E_X	4000K	960 lm	8.97 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10L30E_X	3000K	910 lm	8.97 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10L27E_X	2700K	890 lm	8.97 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-12L50E_X	5000K	1100 lm	10.24 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12L40E_X	4000K	1100 lm	10.24 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12L30E_X	3000K	1040 lm	10.24 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12L27E_X	2700K	1020 lm	10.24 W	115°	1136 x 20.5 x 13.2 (mm)	180 g

	Model	CCT	Lumen	Rated Power	Beam Angle	Size (L x W x H)	Weight
Mid Low Flux (7.50 W/m)	LB3a-03ML50E_X	5000K	230 lm	2.14 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03ML40E_X	4000K	230 lm	2.14 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03ML30E_X	3000K	215 lm	2.14 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03ML27E_X	2700K	210 lm	2.14 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-06ML50E_X	5000K	460 lm	4.28 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06ML40E_X	4000K	460 lm	4.28 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06ML30E_X	3000K	430 lm	4.28 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06ML27E_X	2700K	420 lm	4.28 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-09ML50E_X	5000K	690 lm	6.42 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09ML40E_X	4000K	690 lm	6.42 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09ML30E_X	3000K	645 lm	6.42 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09ML27E_X	2700K	630 lm	6.42 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-10ML50E_X	5000K	805 lm	7.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10ML40E_X	4000K	805 lm	7.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10ML30E_X	3000K	750 lm	7.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10ML27E_X	2700K	735 lm	7.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-12ML50E_X	5000K	920 lm	8.56 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12ML40E_X	4000K	920 lm	8.56 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12ML30E_X	3000K	860 lm	8.56 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12ML27E_X	2700K	840 lm	8.56 W	115°	1136 x 20.5 x 13.2 (mm)	180 g

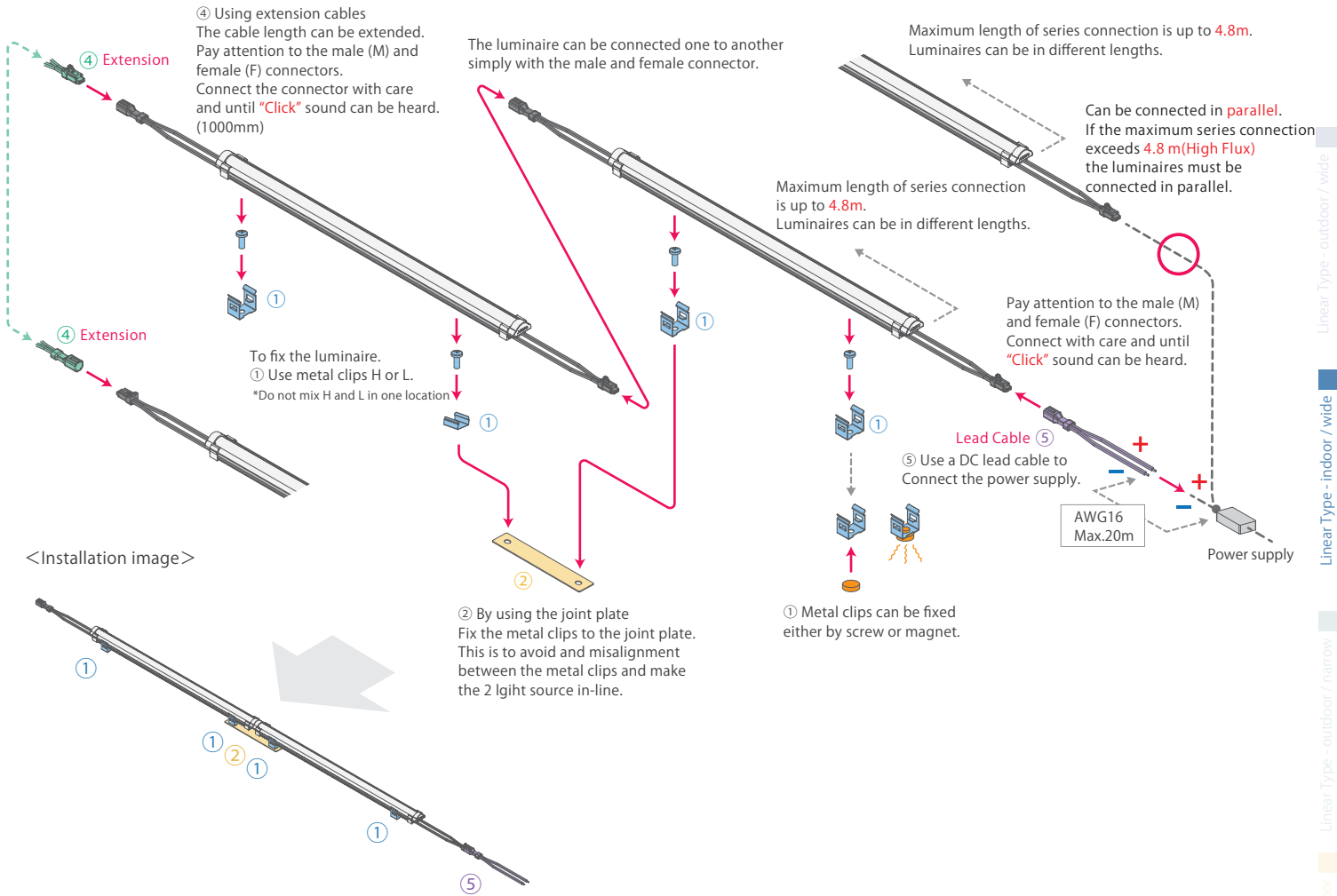
	Model	CCT	Lumen	Rated Power	Beam Angle	Size (L x W x H)	Weight
Very Low Flux (6.00 W/m)	LB3a-03VL50E_X	5000K	185 lm	1.71 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03VL40E_X	4000K	185 lm	1.71 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03VL30E_X	3000K	175 lm	1.71 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03VL27E_X	2700K	255 lm	1.71 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-06VL50E_X	5000K	370 lm	3.43 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06VL40E_X	4000K	370 lm	3.43 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06VL30E_X	3000K	350 lm	3.43 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06VL27E_X	2700K	510 lm	3.43 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-09VL50E_X	5000K	555 lm	5.14 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09VL40E_X	4000K	555 lm	5.14 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09VL30E_X	3000K	525 lm	5.14 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09VL27E_X	2700K	765 lm	5.14 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-10VL50E_X	5000K	645 lm	6.00 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10VL40E_X	4000K	645 lm	6.00 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10VL30E_X	3000K	610 lm	6.00 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10VL27E_X	2700K	890 lm	6.00 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-12VL50E_X	5000K	740 lm	6.86 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12VL40E_X	4000K	740 lm	6.86 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12VL30E_X	3000K	700 lm	6.86 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12VL27E_X	2700K	1020 lm	6.86 W	115°	1136 x 20.5 x 13.2 (mm)	180 g

	Model	CCT	Lumen	Rated Power	Beam Angle	Size (L x W x H)	Weight
Ultra Low Flux (4.50 W/m)	LB3a-03UL50E_X	5000K	95 lm	1.29 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03UL40E_X	4000K	95 lm	1.29 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03UL30E_X	3000K	85 lm	1.29 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03UL27E_X	2700K	80 lm	1.29 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-06UL50E_X	5000K	190 lm	2.57 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06UL40E_X	4000K	190 lm	2.57 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06UL30E_X	3000K	170 lm	2.57 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06UL27E_X	2700K	160 lm	2.57 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-09UL50E_X	5000K	285 lm	3.86 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09UL40E_X	4000K	285 lm	3.86 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09UL30E_X	3000K	255 lm	3.86 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09UL27E_X	2700K	240 lm	3.86 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-10UL50E_X	5000K	330 lm	4.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10UL40E_X	4000K	330 lm	4.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10UL30E_X	3000K	300 lm	4.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10UL27E_X	2700K	280 lm	4.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-12UL50E_X	5000K	380 lm	5.16 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12UL40E_X	4000K	380 lm	5.16 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12UL30E_X	3000K	340 lm	5.16 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12UL27E_X	2700K	320 lm	5.16 W	115°	1136 x 20.5 x 13.2 (mm)	180 g

	Model	CCT	Lumen	Rated Power	Beam Angle	Size (L x W x H)	Weight
Super Low Flux (3.00 W/m)	LB3a-03SL50E_X	5000K	95 lm	0.86 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03SL40E_X	4000K	95 lm	0.86 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03SL30E_X	3000K	85 lm	0.86 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03SL27E_X	2700K	80 lm	0.86 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-06SL50E_X	5000K	190 lm	1.72 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06SL40E_X	4000K	190 lm	1.72 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06SL30E_X	3000K	170 lm	1.72 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06SL27E_X	2700K	160 lm	1.72 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-09SL50E_X	5000K	285 lm	2.56 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09SL40E_X	4000K	285 lm	2.56 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09SL30E_X	3000K	255 lm	2.56 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09SL27E_X	2700K	240 lm	2.56 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-10SL50E_X	5000K	330 lm	3.00 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10SL40E_X	4000K	330 lm	3.00 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10SL30E_X	3000K	300 lm	3.00 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10SL27E_X	2700K	280 lm	3.00 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-12SL50E_X	5000K	380 lm	3.44 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12SL40E_X	4000K	380 lm	3.44 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12SL30E_X	3000K	340 lm	3.44 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12SL27E_X	2700K	320av lm	A	115°	1136 x 20.5 x 13.2 (mm)	180 g

	Model	CCT	Lumen	Rated Power	Beam Angle	Size (L x W x H)	Weight
Extreme Low Flux (1.50 W/m)	LB3a-03EL50E_X	5000K	55 lm	0.43 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03EL40E_X	4000K	55 lm	0.43 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03EL30E_X	3000K	50 lm	0.43 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-03EL27E_X	2700K	45 lm	0.43 W	115°	287 x 20.5 x 13.2 (mm)	53.5 g
	LB3a-06EL50E_X	5000K	110 lm	0.86 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06EL40E_X	4000K	110 lm	0.86 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06EL30E_X	3000K	100 lm	0.86 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-06EL27E_X	2700K	90 lm	0.86 W	115°	571 x 20.5 x 13.2 (mm)	95.5 g
	LB3a-09EL50E_X	5000K	165 lm	1.29 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09EL40E_X	4000K	165 lm	1.29 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09EL30E_X	3000K	150 lm	1.29 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-09EL27E_X	2700K	135 lm	1.29 W	115°	856 x 20.5 x 13.2 (mm)	139 g
	LB3a-10EL50E_X	5000K	195 lm	1.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10EL40E_X	4000K	195 lm	1.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10EL30E_X	3000K	175 lm	1.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-10EL27E_X	2700K	160 lm	1.50 W	115°	996 X 20.5 x 13.2 (mm)	160 g
	LB3a-12EL50E_X	5000K	220 lm	1.72 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12EL40E_X	4000K	220 lm	1.72 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12EL30E_X	3000K	200 lm	1.72 W	115°	1136 x 20.5 x 13.2 (mm)	180 g
	LB3a-12EL27E_X	2700K	180 lm	1.72 W	115°	1136 x 20.5 x 13.2 (mm)	180 g

PRODUCT CONNECTION DIAGRAM



① Metal Clip

L : M421000-0014



② Joint Plate

M417003-0140



③ Stopper Plate

M417003-0141

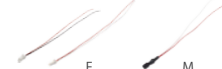


④ Extension Cable

1000mm : BWC-0000-0377A



⑤ DC Lead Cable

F : BWC-0000-0332 / BWC-0000-0332A
M : BWC-0000-0333B

⑥ DC Jack Cable

1500mm : BWC-0000-0583A



※ F is either, depending on stock availability.
※ Maximum current ≤4A in one series connection.

DIMMER

<Without dimming>



<With dimming>

