

ecoNoon[®]

a LED Lighting Company



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SB1



Body	Anodized Aluminum	Input Voltage	DC 35-38V
Lens	PC	Input Current (constant)	1.2A (max)
Connection	E27 screw	Standards	IEC 62031 IEC 62471-2*
Dimension (L X D)	212mm X 55mm	RoHS	Yes
Weight	310g		
LED	Cree		

SB2



Body	Anodized Aluminum	Input Voltage	DC 35-38V
Lens	PC	Input Current (constant)	2.4A (max)
Dimension (L X D)	278mm X 78mm	Standards	IEC 62031 IEC 62471-2*
Weight	1000g	RoHS	Yes
LED	Cree		

PERFORMANCE DATA**

CCT (K): 5000 Ambient Temperature: 25°C					
SB1			SB2		
Module Power (W)	Input Current (A)	Luminous Flux*** (lm)	Module Power (W)	Input Current (A)	Luminous Flux*** (lm)
36	1.00	3700	72	2.00	7400
37	1.05	3850	74	2.10	7700
39	1.10	3900	78	2.20	7800
41	1.15	4050	82	2.30	8010
43	1.20	4200	86	2.40	8400

*SB1 and SB2 shall be positioned at a distance >0.6m to comply with Risk Group 1. Prolonged staring at SB1 at distance < 0.6m is not expected

**Performance Data for other CCT available.

***Luminous flux measured excludes secondary optics. Luminous flux will be reduced by 6-15% depending on types of secondary optics



L-SB1

Physical Characteristics:

Body ¹ :	Die cast aluminium
Lens:	Glass
Colour:	Silver Grey
Dimension:	630 x 260 x 150mm (L x W x H)
Weight:	4.5 kg
Ingress Protection:	IP65

LED module:

Econoos SB1	
Body:	Aluminium
LED :	Cree
Lens:	PC
Secondary Optics:	PC/PMMA
Standards:	IEC 62031 IEC 62471-2

Electrical Characteristics:

Power:	37.5W
Supply voltage:	90-270V AC
Mains frequency:	50/60 Hz
Power factor:	> 0.9
Efficiency:	88%
Driver ² :	Wintek WST

Performance & Optical Characteristics:

Rated Life (L70):	50,000 hour
CCT (K):	5000*
CRI:	>70
Luminous Flux (lumens):	3100
Distribution Pattern:	Batwing ³



L-SB2

Physical Characteristics:

Body ¹ :	Die cast aluminium
Lens:	Glass
Colour:	Silver Grey
Dimension:	670 x 310 x 200mm (L x W x H)
Weight:	7.7 kg
Template:	Aluminium sheet with nano coat
Ingress Protection:	IP65

LED module:

Econoos SB2	
Body:	Aluminium
LED :	Cree
Lens:	PC
Secondary Optics:	PC/PMMA
Standards:	IEC 62031 IEC 62471-2

Electrical Characteristics:

Power:	75W
Supply voltage:	90-270V AC
Mains frequency:	50/60 Hz
Power factor:	> 0.9
Efficiency:	88%
Driver ² :	Wintek WSB

Performance Characteristics:

Rated Life (L70):	50,000 hour
CCT (K):	5000*
CRI:	>70
Luminous Flux (lumens):	6030
Distribution Pattern ³ :	Batwing ³

¹standard HID street lantern

²Wintek WST & WSB series driver (TUV,CB, CE, UL certified)

³different distribution patterns available *3000K-6500K available



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