

Sybil SBP

Exterior Lighting / Floodlight



Features

High efficiency offers significant savings
Visual comfort with low glare control
Excellent uniformity
Ideal for sport courts lighting
Fewer luminaires required as compare to conventional luminaire
Anti-corrosion class C4

Applications

Sport courts
Warehouse
Halls
Building perimeter

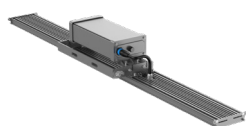
Standards

EN55015	Radio disturbance emissions
EN61000-3-2	Limited for harmonic emissions
EN61347-1-2-13	LED Modules for general & safety
EN61547	Immunity requirements
EN62471	Photobiological safety of lamps and systems

Specification

Housing Material	Aluminium AL6063
Housing finish	Powder coating gray RAL870-3
Optics	PC
LED	LED 5050
Input Voltage	120-240Vac
Frequency	50-60Hz
Protection class	Class 1
Driver type	Constant current (CC)
Dimming option	1-10v, DALI
Power factor	>0.95
Flicker factor	<1%
THD	≤20%@230V
Surge protection	20KV L-E
Operating temp.	-30°C to +50°C
IP Rating	IP66
IK Rating	IK10
Rated Life Span	>100,000hrs (L80B10@Ta25°C)

Mounting



Bracket mount



Pole mount



170 lm/w



20KV



C4 Anti-corrosion



IK10



IP66



OUTDOOR



INDOOR

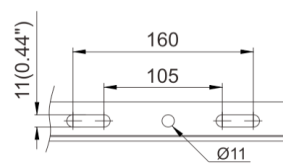
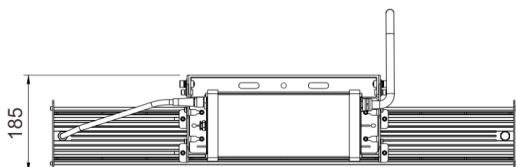
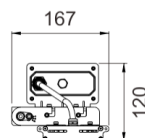
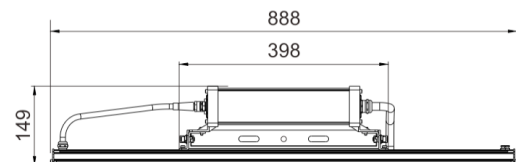
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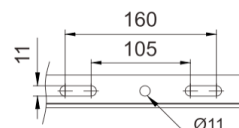
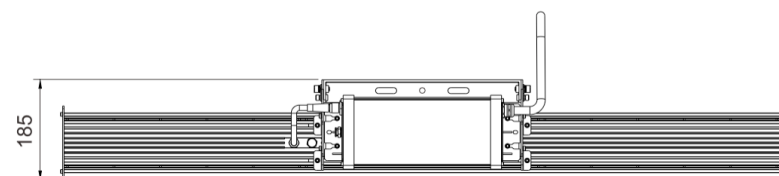
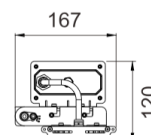
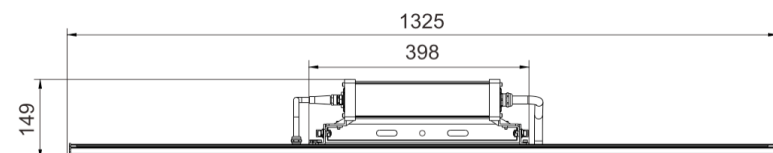


Dimensions

240w



320w

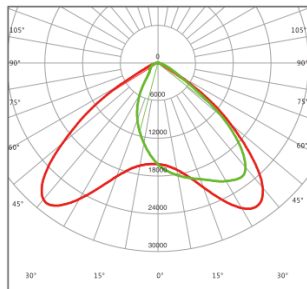


Specifications

Parameters	SBP240	SBP320
Nominal Power (W)	240	320
Luminous Flux (lm)	up to 39038	up to 54430
Efficacy (lm/w)	170	
CCT (K)	5700 (3000 / 4000 / 5000 optional)	
CRI	Ra70 (80 optional)	
Distribution	F06301	
Dimensions (mm)	888x185x149	1325x185x149
Product Net Weight (kg)	6.2	7.6
Luminaire windage	0.08m ² at 0° / 0.11m ² at 20°	0.1m ² at 0° / 0.15m ² at 20°

Note: The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or similar qualified person.

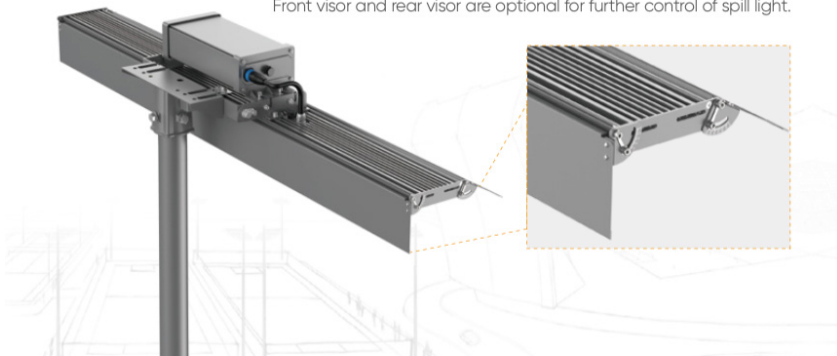
Distributions



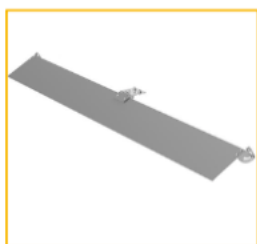
Asymmetrical Intense 40.5°
(F06301)

Glare shields

Front visor and rear visor are optional for further control of spill light.

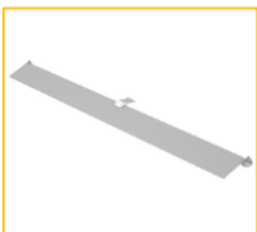


Accessories



Visor

Front visor and rear visor for 240W, to control up light and spill light
SPCC materials with outdoor powder coating.
Code: SP11-L100-02



Visor

Front visor and rear visor for 320W, to control up light and spill light
SPCC materials with outdoor powder coating.
Code: SP11-L100-01



Pole adaptor

For dia.60mm pole
ADC12 materials with outdoor powder coating.
Code: BC-F15-06



All photometric and electrical data published are of $\pm 10\%$ tolerance. Characteristics and specifications may change without notice. All electrical installations / connections should be carried out by a suitably qualified person. Application images are indicative only and may not contain actual Davis product. The information contained in this publication is typical and must not be interpreted as a guarantee of individual product performance.