

SYBIL SBX

Exterior Lighting / Flood Light

Features

- Robust die-cast aluminium body
- High efficacy - up to 150lm/w
- Polycarbonate optical cover
- Adjustable slip-fitter mounting (suit Ø60mm pole)
- IP65 & IK08 rated
- 10kA surge protection
- 1-10V dimmable standard
- Easy installation

Applications

- Sporting facilities
- Building surrounds
- Walkways/pathways
- Carparks

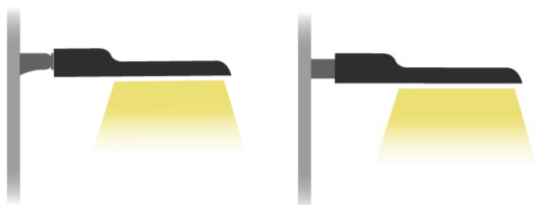
Options

- Type III / Type IV / Type V distribution
- CCT 3000K/4000K/5000K
- Motion sensor
- NEMA socket
- Various mounting adapters

Standards

- IEC/AS/NZS 60598 2-3
- IEC/AS/NZS 60598.1
- IEC/AS/NZS CISPR 15

Mounting



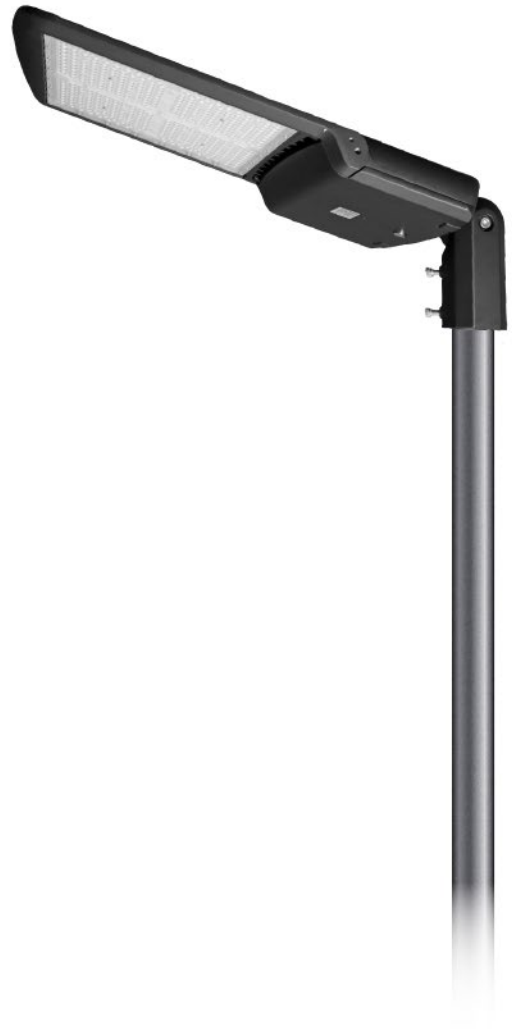
Direct Mount

Yoke Mount



Slipfitter

Trunnion Mount



SELV

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Product Code Key

Model	Power	Colour Temp.	Dimming	Beam Angle	Receptacle	Sensor
SBX	100 = 100W	R83 = 3000K	D06 = 1-10v + PWM +Resistor	Z01 = Type III	N05 = 7-pin NEMA receptacle	S25 = Microwave motion sensor
	150 = 150W	R84 = 4000K		Z02 = Type IV		
	200 = 200W	R85 = 5000K		Z03 = Type V		
	240 = 240W					
	300 = 300W					

e.g. SBX100-R84D06Z01 = SBX series 100W CRI≥80, 4000K with 1-10V + PWM + Resistor dimming, Type III beam distribution and 7-pin NEMA receptacle

Omit N05 code if no NEMA receptacle

Omit S25 code if no sensor

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Specifications

Model	SBX100- RxD06Zy	SBX150- RxD06Zy	SBX200- RxD06Zy	SBX240- RxD06Zy	SBX300- RxD06Zy
Input Voltage (V)	220-240				
Nominal Power (W)	100	150	200	240	300
Power Factor	>0.9				
Luminaire Flux (lm)	14000-15000	21000-22500	28000-30000	23600-36000	42000-45000
Luminaire Efficacy (lm/W)	140-150				
CRI (Ra)	≥80				
CCT (K)	3000/4000/5000				
SDCM	≤6				
Luminaire Rated Life (hr)	> 50,000 @ L70B50				
Operating Temp. (°C)	-40 to 50				
Surge Protection	10kA				
IP Rating	IP65				
IK Rating	IK08				
Body Colour	Matt Black				
Beam Angle (°)	Type III/Type IV/Type V				
Weight (kg)	5.1	5.4	7.1	7.2	7.9

“x” denotes CRI & CCT, R83 = CRI≥80, 3000K ; R84 = CRI≥80, 4000K ; R85 = CRI≥80, 5000K

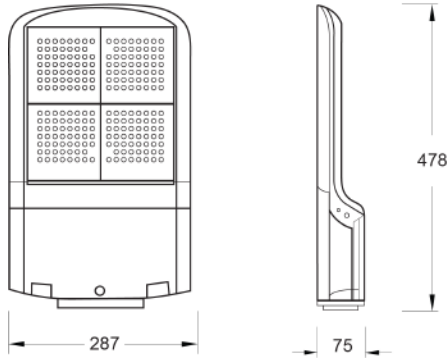
“y” denotes Beam Angle, Z01 = Type III ; Z02 = Type IV ; Z03 = Type V

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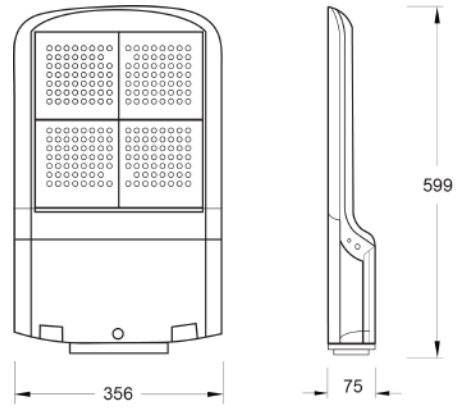
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Dimensions

SBX100 / SBX150

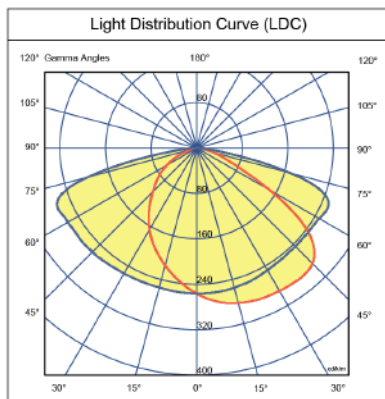


SBX200 / SBX240 / SBX300

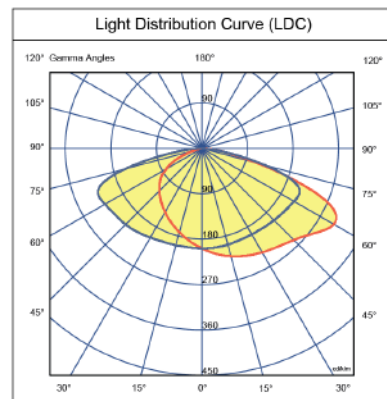


Lighting Data

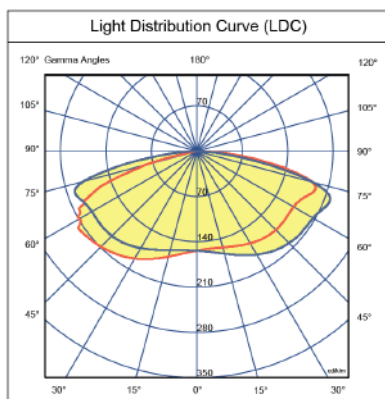
SBX100-Z01 (Type III)



SBX100-Z02 (Type IV)



SBX100-Z03 (Type V)



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Accessories



Direct Mount

Part Number: SBXDM

Dimension (mm): 234 x 160 x 70



Yoke Mount

Part Number: SBXYM

Dimension (mm): 234 x 160 x 70



Trunnion Mount

Part Number: SBXFM

Dimension (mm): 296 x 198 x 40



Remote Control

Part Number: SBXRC



7-pin NEMA receptacle

Part Number: SBX7NM



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.