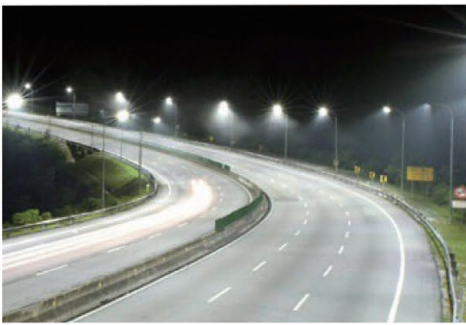


ARRLUX



LED STREET LIGHT
TITAN Series



TITAN Series

Certifications: UL/ CUL/ DLC/ LM79/ CB/ CE/ RoHS/ IK08

Housing

- Die cast aluminum housing.
- Modular design allows for easy installation, replacement and maintenance. This design also creates a chimney effect which provides exceptional thermal management.
- Tool-less entry to driver compartment.
- IK08 rated.
- Meets 3G vibration per ANSI C136.31-2010.

Finish

- Corrosion resistant polyester powder painted 100µm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ ISO 9227:2012.
- Standard colors: Grey, Black, Bronze and White.
- Customized colors are available.



Electrical/ Key Components/ Controls

- 120-277VAC and 347-480VAC and 12-24VDC available.
- Standard maximum surge protection to 20kV/10kA per ANSI/IEEE C62.41.2-2002.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple smart lighting control options are available, e.g. photocell, motion sensor, DALI, 1-10V.
- 3-pin/ 5-pin/ 7-pin photocell are available for light level adjustments.



LED & Optical Assembly

- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life.
- Over 20 optical lenses are available for virtually any application.
- Each LED module are 100% tested prior to assembly which is IP67 rated.

Mounting

- Side-entry mounting.
- 0, +/-2.5, +/-5 degree of titling angle adjustment.
- Adjustable for 1 5/8-2 3/8" (42mm-60mm) O.D. tenon.
- Brackets are available for different installations.



TECHNICAL PARAMETERS

Power	30-240W
Input	120-277 VAC or 220-240 VAC or 347-480 VAC or 12-24 VDC
PF	>0.95
THD	<20%
L85	>60,000H
Operating Temperature	-40°C ~ +50°C
Efficacy	120-140lm/W
ANSI CCT	3000K/4000K/5000K/5700K
Min CRI	70* or 80 or 85

IP Rating	IP67
SPD	10KA* or 20KA
Certificate/Qualification	UL/ CUL/ DLC/ LM79/ CB/ CE/ RoHS/ IK08
DALI	Optional
1-10V	Optional
Photocell	Optional
Smart Control	Optional
Optic (IESNA)	Type II, Type III, Type IV, Type V
Color Options	Grey/Black/Bronze/White

ORDERING INFORMATION

MODEL (Nominal Power)				OPTIC LENS	CCT (ANSI)	OPTIONAL COLOR	LIGHTING CONTROL	ACCESSORY INFO
SKA30 30W	SKB40 40W	SKB80H* 80W	SKA30D** 30W	T2M Type II Medium	30K 3045	★ GR Grey (RAL:7004)	00 Not required	Adaptor Bracket
SKA60 60W	SKB80 80W	SKB120H* 120W	SKB40D** 40W	T3L Type III Long	±175K		01 Photocell	Bird Spike
SKA90 90W	SKB120 120W	SKB160H* 160W	SKA60D** 60W	T4M Type IV Medium	★ 40K 3985	BK Black (RAL:9011)	02 Motion Sensor	3/5/7-pin NEMA Receptacle
SKA120 120W	SKB160 160W	SKB200H* 200W	SKB80D** 80W	T5U Average beam angle 10°	±275K	BZ Bronze (RAL:8014)	03 Photocell + Motion Sensor	Safety Cable
SKA150 150W	SKB200 200W	SKB240H* 240W	SKA90D** 90W	T5V Average beam angle 25°	★ 50K 5028			Knife Switch
SKA180 180W	SKB240 240W		SKB120D** 120W	T5W Average beam angle 40°	±283K	WH White (RAL:9010)	04 DALI	
				T5S Average beam angle 60°	57K 5665		05 1-10V dimming	
				T5M Average beam angle 90°	±355K			
				T5L Average beam angle 120°				
				T5X Average beam angle 150°				
				T5D Diffuser				

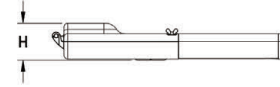
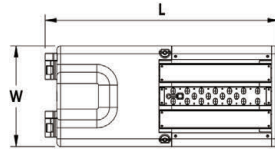
* DALI & Motion sensor unavailable

** 1-10V dimming & DALI & Motion sensor unavailable

★ Regularly stocked item

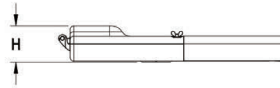
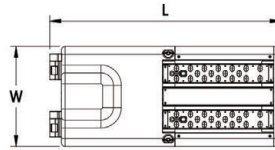
- Example 1: SKA60-T2M-50K-BZ-04
- Example 2: SKB40-T5U-50K-WH-01
- Example 3: SKB240H-T5D-50K-BK-02
- Example 4: SKB40D-T5D-50K-GR-00

PRODUCTS



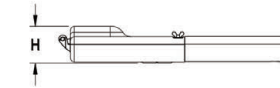
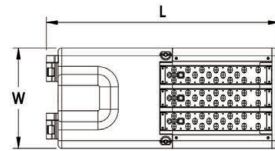
Model	SKA30/SKB40/SKA30D/SKB40D	Net Weight	6.58kg (14.51lbs)
LED Modules	1	Gross Weight	7.54kg (16.62lbs)
LEDs	18	Product Dimensions	626 x 270 x 99mm 24.65"X10.63"X3.90"
EPA (sq.ft.)	0.725	Carton Dimensions	695 x 325 x 170mm 27.36"X12.8"X6.69"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
SKA30	33W	120-277VAC	530mA	3564lm	3960lm	120
SKB40	42W	120-277VAC	700mA	4347lm	4830lm	115
SKA30D	33W	9-18VDC or 18-32VDC	500mA	3564lm	3960lm	120
SKB40D	42W	9-18VDC or 18-32VDC	700mA	4347lm	4830lm	115



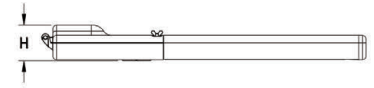
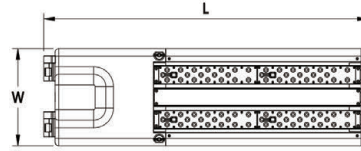
Model	SKA60/SKB80/SKB80H/SKA60D/SKB80D	Net Weight	6.94kg (15.30lbs)
LED Modules	2	Gross Weight	7.78kg (17.15lbs)
LEDs	36	Product Dimensions	626 x 270 x 99mm 24.65"X10.63"X3.90"
EPA (sq.ft.)	0.725	Carton Dimensions	695 x 325 x 170mm 27.36"X12.8"X6.69"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
SKA60	64W	120-277VAC	530mA	6912lm	7680lm	120
SKB80	84W	120-277VAC	700mA	8694lm	9660lm	115
SKB80H	84W	347-480VAC	700mA	8694lm	9660lm	115
SKA60D	64W	9-18VDC or 18-32VDC	500mA	6912lm	7680lm	120
SKB80D	84W	9-18VDC or 18-32VDC	700mA	8694lm	9660lm	115



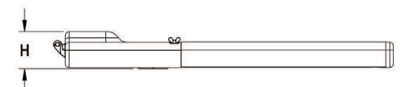
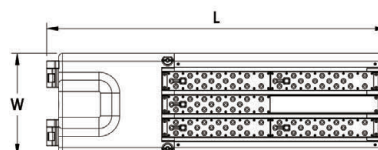
Model	SKA90/SKB120/SKB120H/SKA90D/SKB120D	Net Weight	7.38kg (16.27lbs)
LED Modules	3	Gross Weight	8.34kg (18.39lbs)
LEDs	54	Product Dimensions	626 x 270 x 99mm 24.65"X10.63"X3.90"
EPA (sq.ft.)	0.725	Carton Dimensions	695 x 325 x 170mm 27.36"X12.8"X6.69"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
SKA90	92W	120-277VAC	530mA	10350lm	11500lm	125
SKB120	125W	120-277VAC	700mA	13500lm	15000lm	120
SKB120H	125W	347-480VAC	700mA	13500lm	15000lm	120
SKA90D	92W	9-18VDC or 18-32VDC	500mA	10350lm	11500lm	125
SKB120D	125W	9-18VDC or 18-32VDC	700mA	13500lm	15000lm	120



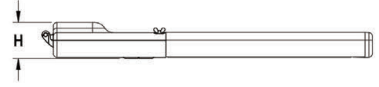
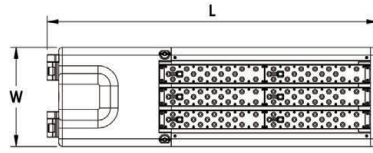
Model	SKA120/SKB160/SKB160H	Net Weight	8.95kg (19.73lbs)
LED Modules	4	Gross Weight	10.04kg (22.13lbs)
LEDs	72	Product Dimensions	901 x 270 x 99mm 35.47"X10.63"X3.90"
EPA (sq.ft.)	1.002	Carton Dimensions	970 x 325 x 170mm 38.19"X12.8"X6.69"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
SKA120	121W	120-277VAC	530mA	13613lm	15125lm	125
SKB160	166W	120-277VAC	700mA	17928lm	19920lm	120
SKB160H	166W	347-480VAC	700mA	17928lm	19920lm	120



Model	SKA150/SKB200/SKB200H	Net Weight	9.09kg (20.04lbs)
LED Modules	5	Gross Weight	10.18kg (22.44lbs)
LEDs	90	Product Dimensions	901 x 270 x 99mm 35.47"X10.63"X3.90"
EPA (sq.ft.)	1.002	Carton Dimensions	970 x 325 x 170mm 38.19"X12.8"X6.69"

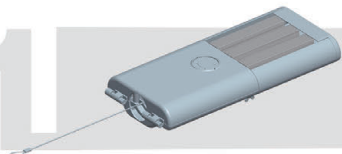
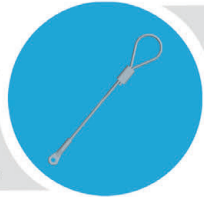

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
SKA150	151W	120-277VAC	530mA	16988lm	18875lm	125
SKB200	205W	120-277VAC	700mA	22140lm	24600lm	120
SKB200H	205W	347-480VAC	700mA	22140lm	24600lm	120

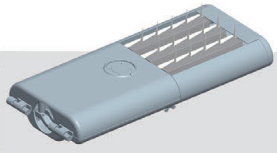
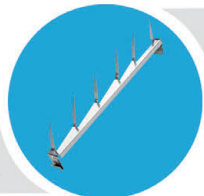
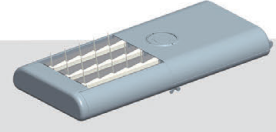


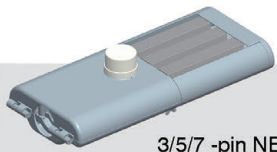

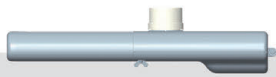
Model	SKA180/SKB240/SKB240H	Net Weight	10.12kg (22.31lbs)
LED Modules	6	Gross Weight	11.28kg (24.87lbs)
LEDs	108	Product Dimensions	901 x 270 x 99mm 35.47" x 10.63" x 3.90"
EPA (sq.ft.)	1.002	Carton Dimensions	970 x 325 x 170mm 38.19" x 12.8" x 6.69"

Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy(lm/W)
				3000K	4000/5000K	
SKA180	182W	120-277VAC	530mA	20475lm	22750lm	125
SKB240	246W	120-277VAC	700mA	26568lm	29520lm	120
SKB240H	246W	347-480VAC	700mA	26568lm	29520lm	120

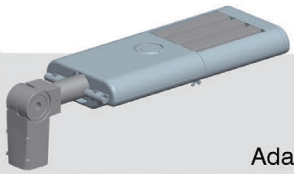
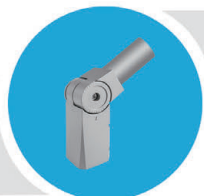

CUSTOMIZED SOLUTIONS

1  Safety Cable  

2  Bird Spike  

3  3/5/7 -pin NEMA Receptacle
+Shorting Cap/Photocell  

4  Wireless Lighting
Control System  

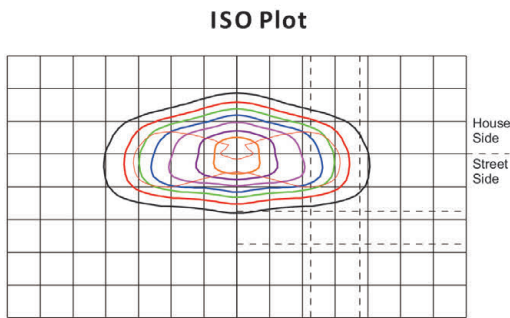
5  Adaptor Bracket  

PHOTOMETRICS

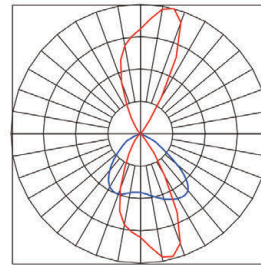
T2M

Type II
Medium

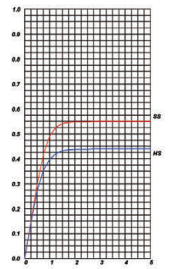
Typical use:
Street/Roadside



Polar Curve



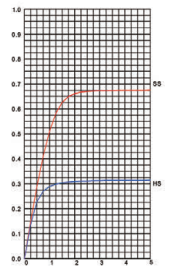
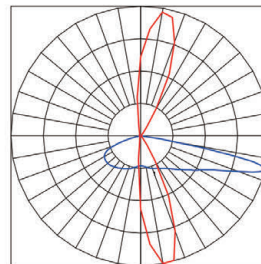
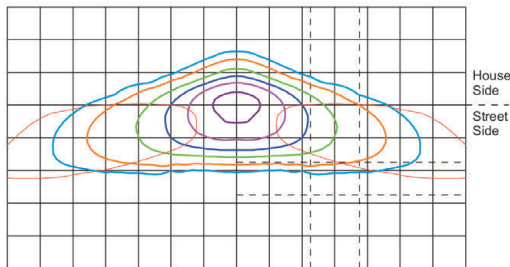
CU Graph



T3L

Type III
Long

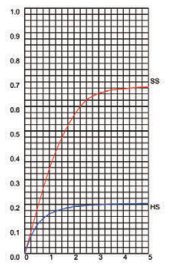
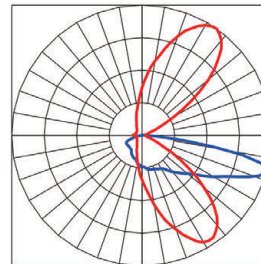
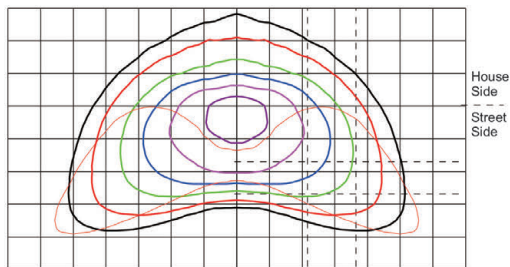
Typical use:
Street/Roadside



T4M

Type IV
Medium

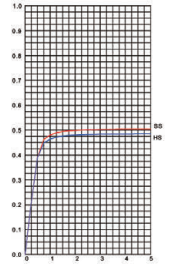
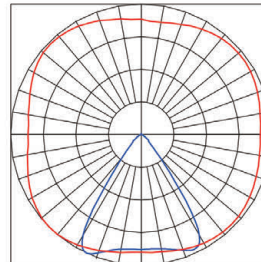
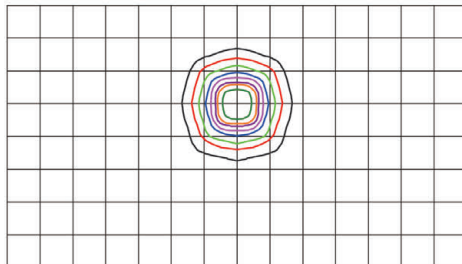
Typical use:
Highway/Multi-Lane



T5S

Average beam
angle 60°

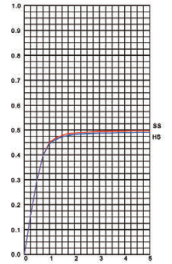
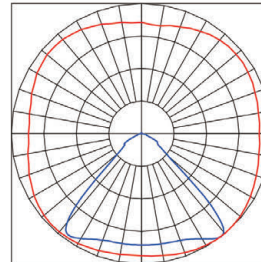
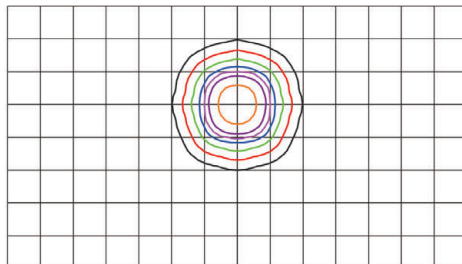
Typical use:
Industrial



T5M

Average beam
angle 90°

Typical use:
Industrial



T5L

Average beam
angle 120°

Typical use:
Gas station

