TEKTRON®
Reliable Engineering, Futuristic Design

Catalog:	
Project:	
Type:	Date:
Notes:	

LED Shoebox Area Light

TK-SAL4™ Series

Description

TekTron's Shoebox Area Light series provides a secure and versatile lighting solution, unlike mercury vapor, metal halide, and high-pressure sodium lighting fixtures. They also save on energy and maintenance costs, while being better for the environment.

Applications

It is suitable for parking lots, street lights, and other open spaces such as parks, fields, yards, walkways, and roads.

Quick Ship
TK-SAL4-75W-50K-CCPC5
TK-SAL4-100W-40K-CCPC5
TK-SAL4-120W-50K-CCPC5
TK-SAL4-200W-50K-CCPC5

Specification Features

Controls / Dimming

0-10V dimmable. The fixture comes with the option of an occupancy and photocell sensors. They are made of Die-Cast Aluminum and have a powder coat finishing to give a strong and elegant

Certification

It complies with ETL Listings, DLC Premium lisitings, CE, RoHS Compliant, SAA Approved, IP66 Rated.

Warranty

5 Years Limited Warranty.
For more information visit us at,
www.technoledlights.com/warrantyinfo

Installation / Mounting

The installation process is straight forward and offers a range of mounting possibilities.

Ordering Information

Example: TK-SAL4-300W-50K-CCPS

TK	SAL4	300W	50K	CC	PS	Blank
Brand	**Series**	**Watts**	**Color Temp**	**Finish**	**Options**	**Voltage**
TK - TekTron	**SAL4** - Shoebox Area light Series 4	**75W** - 75 Watts **100W** - 120 Watts **145W** - 140 Watts **180W** - 180 Watts **200W** - 200 Watts **230W** - 230 Watts **300W** - 300 Watts	**30K** - 3000K **T - 40K** - 4000K **50K** - 5000K	**DB** - Dark Bronze *(standard)* **BK** - Black **WH** - White **CC** - Custom Color (Grey)	**[Blank] Standard** **PC3** - NEMA 3pin Receptacle and Photocell **PC5** - NEMA 5pin Receptacle **PC7** - NEMA 7pin Receptacle	**[Blank]** 100-277VAC *(standard)* 480V- 347-480VAC *(optional)* **Optics** **T2** Type II **T3** Type III **T4** Type IV **T5** Type V

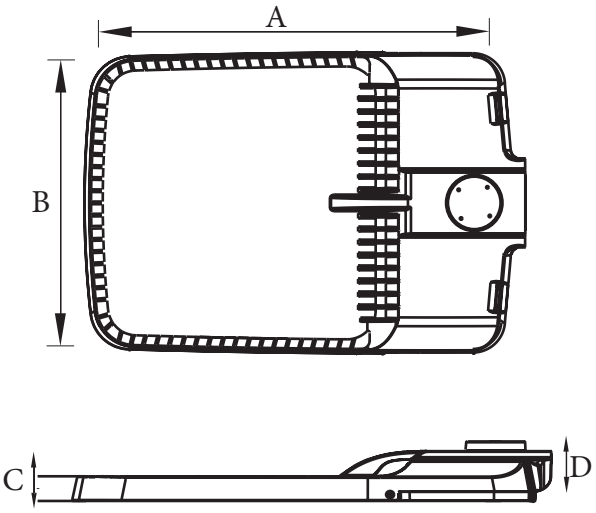
LED Shoebox Area Light

TK-SAL4™ Series

Specification Features

Input Voltage	120-277 VAC & 347-480 VAC
Color Temperature (CCT)	3000K,4000K,5000K
Luminous efficacy (Lm/W)	145 Lm/W
Color Rendering Index (CRI)	Ra>80
Dimmable	0-10V
Power Factor	>0.90
Operating Temperature	-25°C ~ 50°C
Life Span	50,000+ Hrs

Dimensions



Part Number	A (Length)	B (Width)	C (Height)	D
TK-SAL4-100W/120W/145W/180W	16.65”	11.24”	1.1”	3.6”
TK-SAL4-200W/240W/300W	21.29”	14.48”	1.2”	2.95”

Optional Accessories

Single - Person Installation (Mounting Optionals)

This design allows you to easily and securely install the product by sliding and locking it in place.

Trunnion Mount

Square Pole Arm Mount

Slip Fitter

Universal Mount

Photocell

Shorting Cap

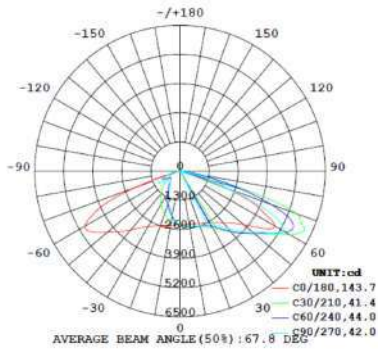
PIR Sensor

3 Pin NEMA Receptacle

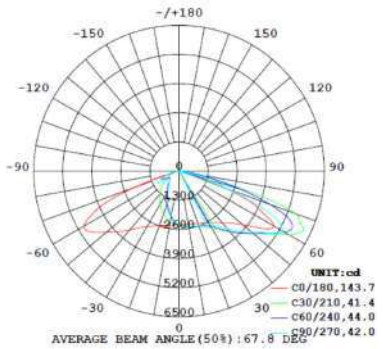
Techno USA LLC dba Techno LED Lights 1580 Boggs Road, Suite 500, Duluth, GA-30096 | Tel: 678-456-4810 | Fax: 678-456-4810 | Email: sales@technoledlights.com
TekTron is a registered trademark of Techno USA LLC. Specifications and Dimensions subject to change without notice. Atlanta | San Antonio

Photometrics

TK-SAL4-75W-T4-40K



TK-SAL4-75W-T4-50K



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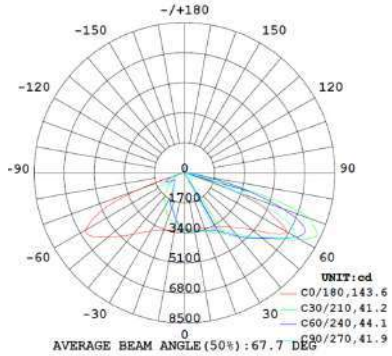
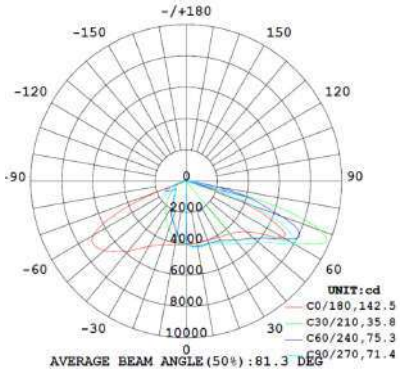
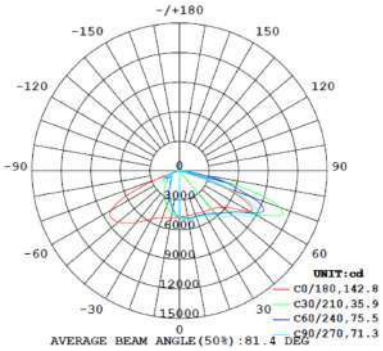


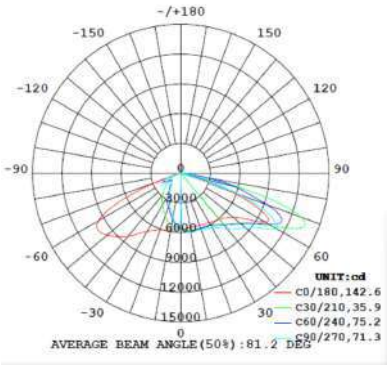
TK-SAL4-120W-T4-40K



TK-SAL4-145W-T4-40K



TK-SAL4-180W-T4-40K



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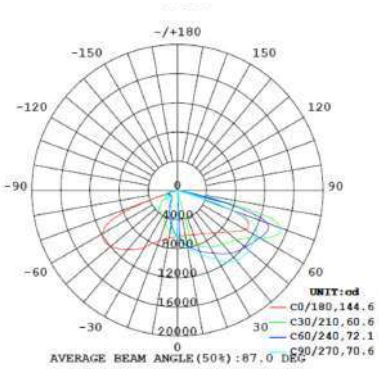

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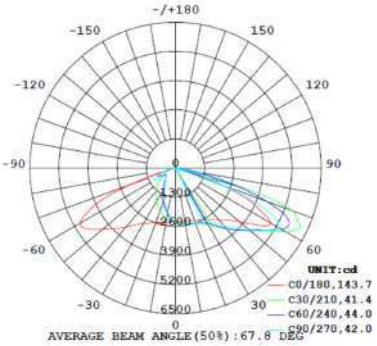

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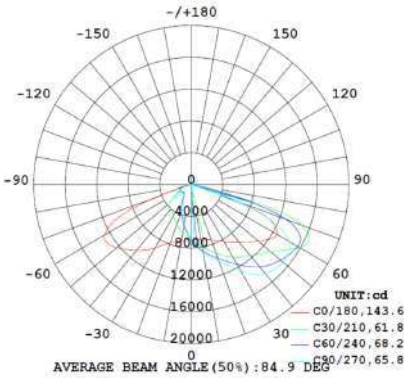
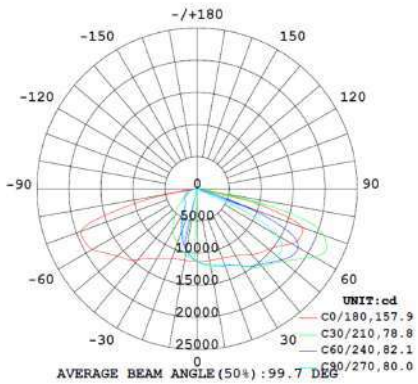


TK-SAL4-300W-T3-40K



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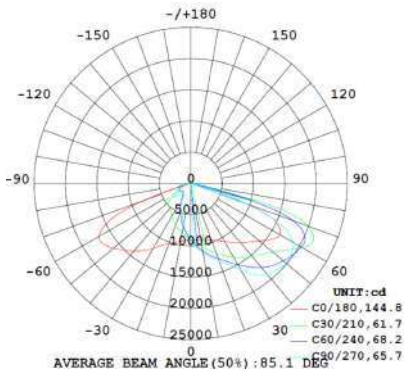
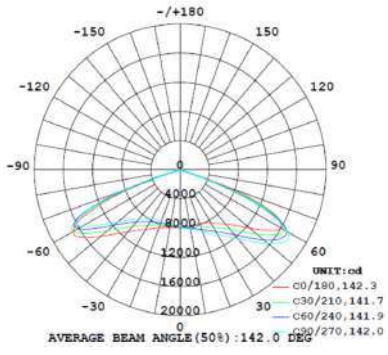


TK-SAL4-300W-T5-40K



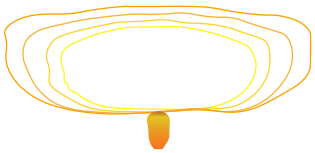
LED Shoebox Area Light

TK-SAL4™ Series

Internal Reflectance Optic Technology

This technology gives better optical control to make the light level more uniform and prevent the loss of light. It has a simple layout and installation that saves poles, energy, installation costs and enhances visibility. It meets the Dark Sky standards with no light spill or glare.

TYPE I



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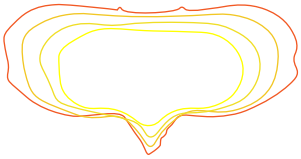

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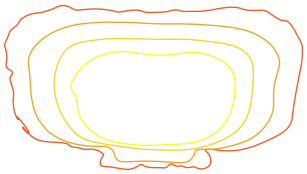
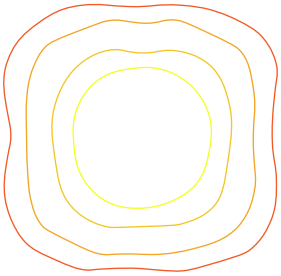
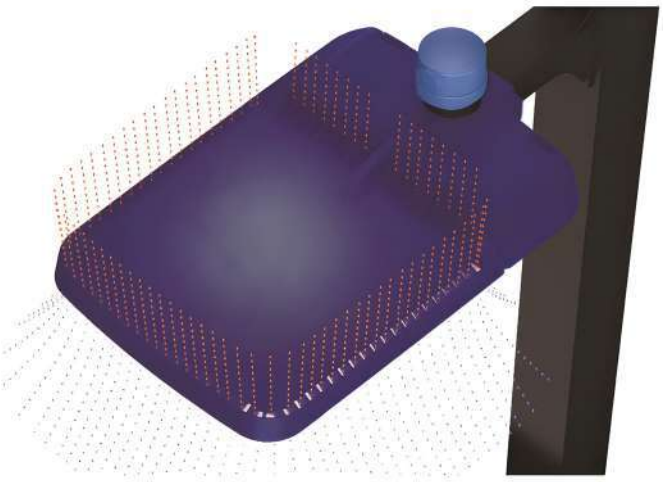


TYPE V



All-around Ventilated Design with Powerful Heat Dissipation

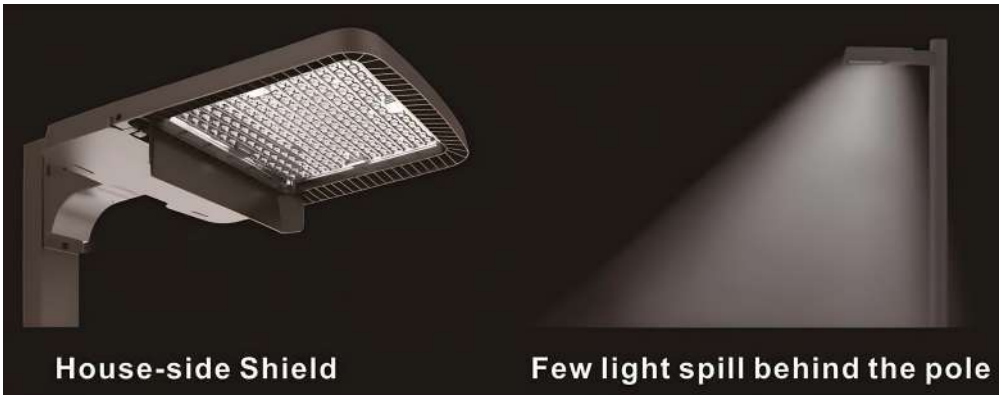
The housing has ventilation holes that allow natural air flow. The air can go through the holes and cool down heat quickly, lowering the temperature by about 15 C. This ensures great performance and a long lifespan. The LED can last up to 180,000 hours.

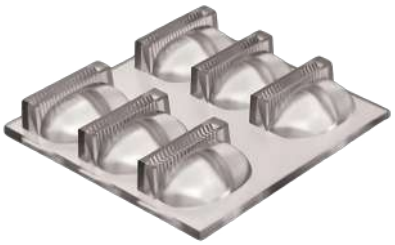


Internal Reflection Backlight Shield Design

This special design of the back-light shield and the optional side shield will prevent the light from escaping behind the pole and make the forward light stronger.

- The light behind the pole is reduced by 85%
- It gets a high score on the BUG rating
- It does not bother the neighbors with light



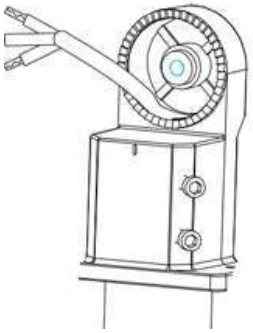


Installations

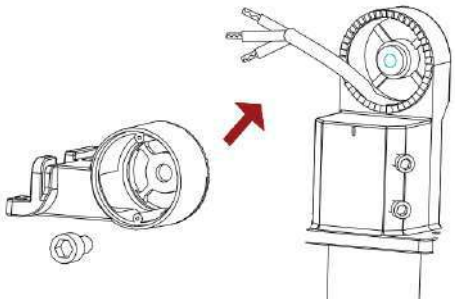
CAUTION: SHUT OFF BREAKER AT PANEL when you install the fixtures.

1. Electrician must have related certificates, knowledge and working experience. The work must be assigned to each electrician based on their position and responsibility.
2. The lens of parking lot light are PC material; They may be scratched by any careless handling. The parking lot light must be carefully protected during installation, especially when the face of fixture is put downward, it needs to be protected with a soft cloth or other protecting materials.
3. Installation must proceed when the electricity is shut off, no action should be taken when there is electricity connected.
4. Construction must proceed according to related regulations, including the tools and equipments used. For example: working voltage range, warning sign, flashing lamp, helmet, working clothes, etc.
5. Make sure the weather is suitable for high power electricity work when impending construction.

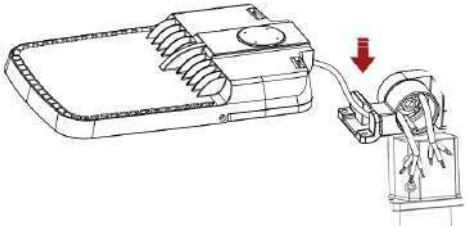
Step O: When doing a replacement job, remove the existing fixture from the pole. MAKE SURE THE FIXTURE RATED VOLTAGE MATCHES THE SITE VOLTAGE.



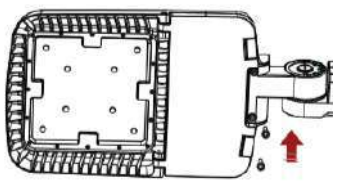
Step 1: Take off the knob in the middle of the bracket, loose the inner hexagonal bolts inside, engage the adjustable fitter onto the pole top, pull the power supply cable out to the cable wiring compartment. Fix this part to the pole by using 4 M8*25 screws.



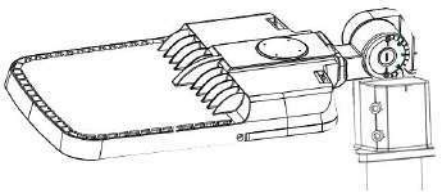
Step 2: Adjust the tilt angle as wanted, fix the 2 parts of brackets using a M12*25 hexagonal bolt, fasten it.



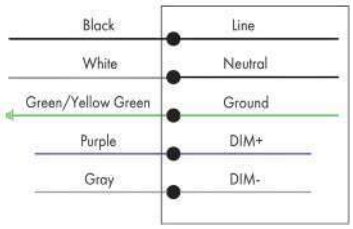
Step 3: Pull the fixture input power cord through the bracket to the wiring compartment, place the fixture over the bracket, fix it by using 2 M6*20 screws.

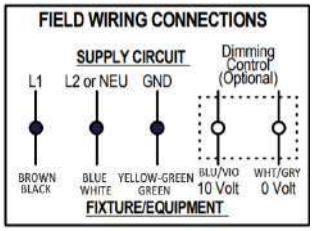


Step 4: Refer to the wiring section wiring details methods, finish wiring within the cable compartment.



Step 5: Cap the wiring compartment with the round metal plate, fix it using 2 M4*8 screws, add the M20 nylon cap.





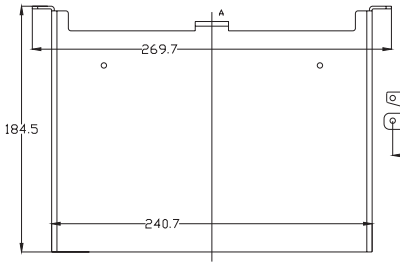
INSTALLATION INSTRUCTIONS
FIELD EXTERNAL SHIELD

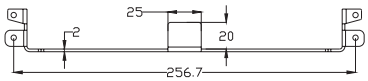
Rear Shield Installation (180W and below）

WARNING:

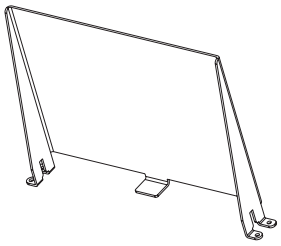
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.

Dimensions

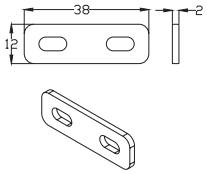


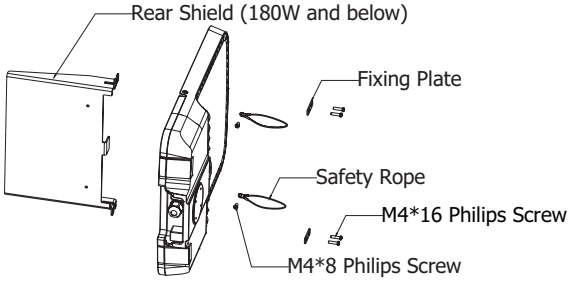


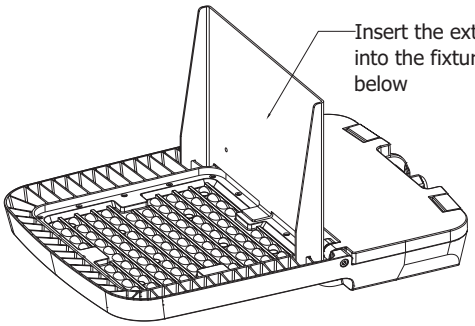
Shield

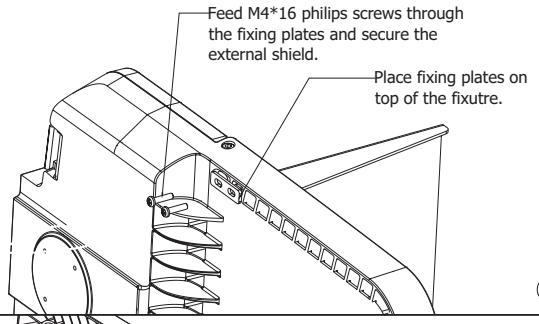


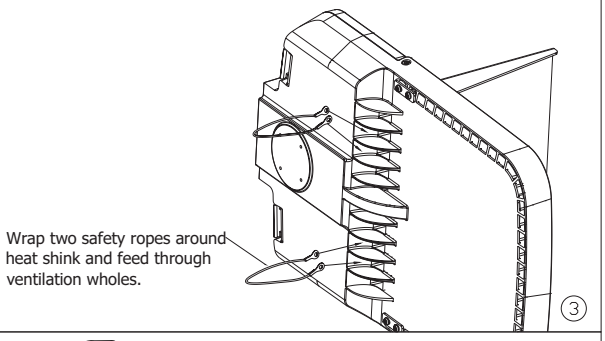
Fixing Plate

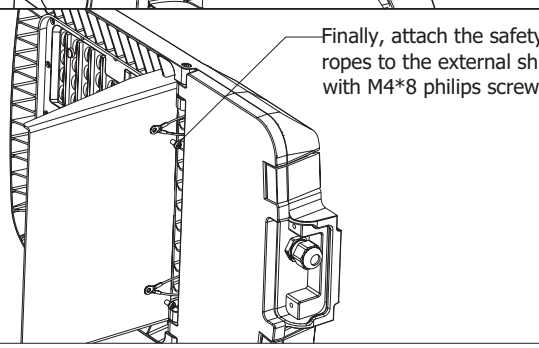


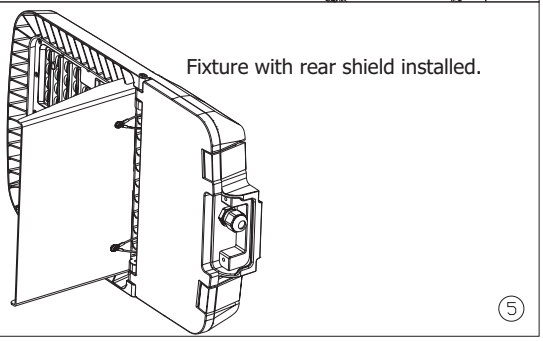












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dba Techno LED Lights.
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