



LED Industrial Light

**CE & RoHS Certified LED Floodlight Light in Industrial Area.
Tank Series**

CE RoHS

www.khjled.com



Features And Benefits:

- High efficacy LED Source with long lifespan, L70 > 100,000 hours @ 25°C ambient
- 5-year performance warranty
- Low THD around 10%, Less interference
- 6KV Surge Protection
- Robust aluminium housing and strong tempered glass
- Vibration and shock resistant
- Low maintenance
- Dust proof structure design to avoid dust accumulation

Applications:



Cement plants



Warehouse



Factory



Power Generation



Power Transmission



Shipping industry

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LED Floodlight

Standard & Certificate:

Certificate:	• CE • RoHS
Executive Standard:	• EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3 • EN 60598-1, EN 60598-2-5, EN 62031, EN 62493 • IEC 62321-4, IEC 62321-5, IEC 62321-6 • IEC 62321-7-1, IEC 62321-7-2, IEC 62321-8

Electrical & Photometric Features:

Luminaire Efficacy:	Max:152lm/W
Lifespan:	>100,000 hours
Operating Voltage:	Normal 100-277 VAC,20-30 VAC,347-480 VAC,141-392VDC,491-679 VDC Emergency 220-240 VAC,311-339VDC
Power:	Normal 80W/100W/120W(Single lamp),160W/200W/240W(Two lamps), 240W/300W/360W(Three lamps),320W/400W/480W(Four lamps) Emergency 10W(Only for two lamps)
Frequency:	50/60Hz
Battery Capacity:	9.6V 4Ah
Battery Type:	NI-MH
Battery Lifespan:	500 cycles
Light Duration:	3h
Charge Time:	>24h
Power Factor:	>0.98
THD:	<10%
CRI:	>70
Insulation Class:	I
Surge Protection:	4KV/6KV
LED Driver:	Over voltage protection/short circuit protection

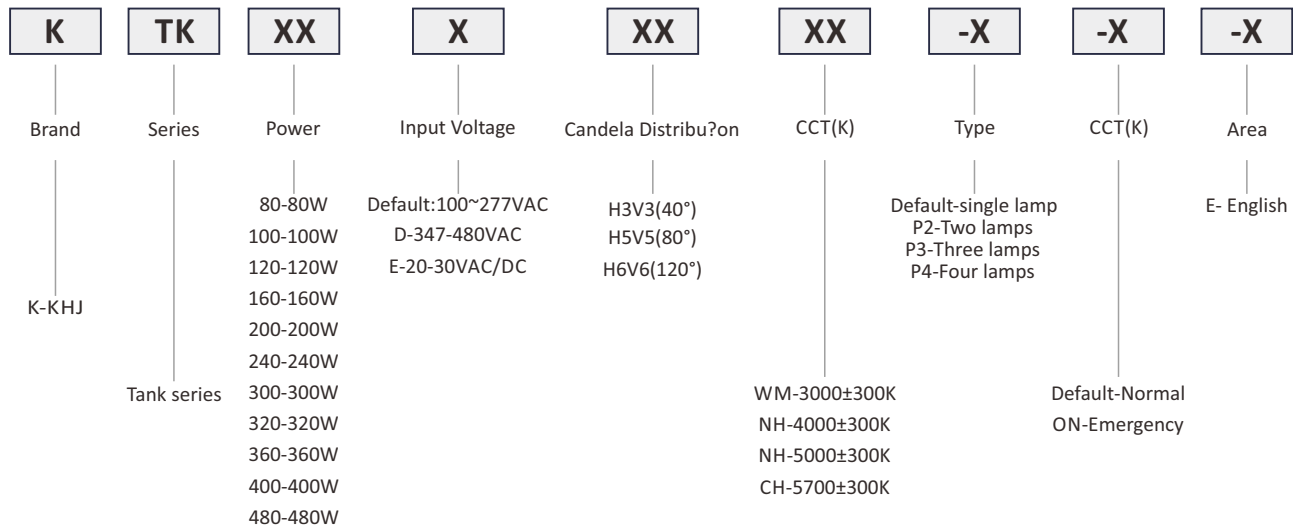
Mechanical Features:

Weight:	8.3Kg(80W~120W)/17Kg(160W~240W)/26Kg(240W~360W)/36kg(320W~480W)
Size:	332*212*142mm(80W~120W)/332*426*142mm(160W~240W) /332*640*142mm(240W~360W)/671*426*142mm(320W~480W)
Ambient Temperature:	-40℃--+55℃ (Normal);-20℃--+55℃(Emergency)
Connecting Terminals:	3*1.0-4.0mm ² (L+N+PE)
Cable Entries:	2XM20*1.5 (NPT 3/4", M25*1.5 are optional)
Earthing Protection:	M4 (Internal & external earth bolts)
IP Code:	IP66
Enclosure Material:	Aluminium
Enclosure Colour:	Grey RAL7040
Coating:	Epoxy powder coating
Exposed Fastener:	Stainless steel
Protective Cover:	Tempered glass,Stand 7J impact

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Production Definition



Ordering information

P/N	Operating Voltage(V)	Luminous Flux(lm)	Power(W)	Color Temp.	CCT(K)
KTK80**CH-E	100-277 VAC (141-392 VDC)	12107	80	Cool white	5700K±300K
KTK80**NH-E		12107		Natural white	5000K±300K
KTK80**NH-E		12107		Natural white	4000±300k
KTK80**WM-E		10896		Warm white	3000±300k
KTK100**CH-E		14954	100	Cool white	5700±300k
KTK100**NH-E		14954		Natural white	5000±300k
KTK100**NH-E		14954		Natural white	4000±300k
KTK100**WM-E		13458		Warm white	3000±300k
KTK120**CH-E		17310	120	Cool white	5700±300k
KTK120**NH-E		17310		Natural white	5000±300k
KTK120**NH-E		17310		Natural white	4000±300k
KTK120**WM-E		15579		Warm white	3000±300k
KTK160**CH-P2-E		22910	160	Cool white	5700K±300K
KTK160**NH-P2-E		22910		Natural white	5000K±300K
KTK160**NH-P2-E		22910		Natural white	4000±300k
KTK160**WM-P2-E		20619		Warm white	3000±300k
KTK200**CH-P2-E		29145	200	Cool white	5700±300k
KTK200**NH-P2-E		29145		Natural white	5000±300k
KTK200**NH-P2-E		29145		Natural white	4000±300k
KTK200**WM-P2-E		26230		Warm white	3000±300k
KTK240**CH-P2-E		34136	240	Cool white	5700±300k
KTK240**NH-P2-E		34136		Natural white	5000±300k
KTK240**NH-P2-E		34136		Natural white	4000±300k
KTK240**WM-P2-E		30884		Warm white	3000±300k

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P/N	Operating Voltage(V)	Luminous Flux(lm)	Power(W)	Color Temp.	CCT(K)
KTK240**CH-P3-E	100-277 VAC (141-392 VDC)	33520	240	Cool white	5700±300k
KTK240**NH-P3-E		33520		Natural white	5000±300k
KTK240**NH-P3-E		33520		Natural white	4000±300k
KTK240**WM-P3-E		30168		Warm white	3000±300k
KTK300**CH-P3-E		43500	300	Cool white	5700±300k
KTK300**NH-P3-E		43500		Natural white	5000±300k
KTK300**NH-P3-E		43500		Natural white	4000±300k
KTK300**WM-P3-E		31950		Warm white	3000±300k
KTK360**CH-P3-E		51120	360	Cool white	5700±300k
KTK360**NH-P3-E		51120		Natural white	5000±300k
KTK360**NH-P3-E		51120		Natural white	4000±300k
KTK360**WM-P3-E		46008		Warm white	3000±300k
KTK320**CH-P4-E		46400	320	Cool white	5700±300k
KTK320**NH-P4-E		46400		Natural white	5000±300k
KTK320**NH-P4-E		46400		Natural white	4000±300k
KTK320**WM-P4-E		41760		Warm white	3000±300k
KTK400**CH-P4-E		58054	400	Cool white	5700±300k
KTK400**NH-P4-E		58054		Natural white	5000±300k
KTK400**NH-P4-E		58054		Natural white	4000±300k
KTK400**WM-P4-E		52248		Warm white	3000±300k
KTK480**CH-P4-E		69120	480	Cool white	5700±300k
KTK480**NH-P4-E		69120		Natural white	5000±300k
KTK480**NH-P4-E		69120		Natural white	4000±300k
KTK480**WM-P4-E		62208		Warm white	3000±300k

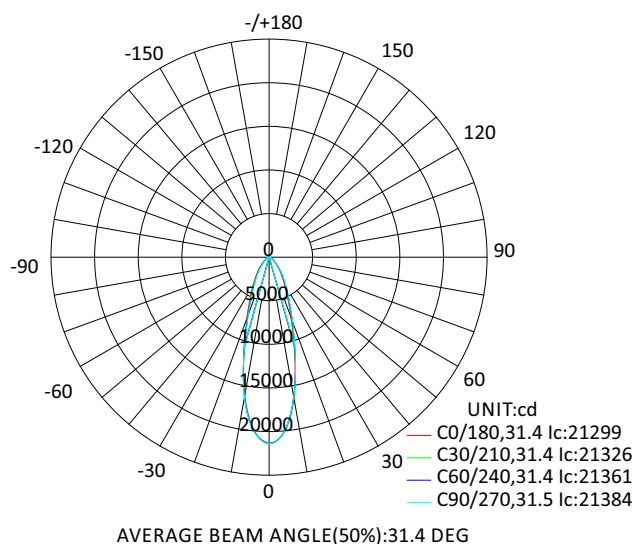
Remarks: 1.The first * stands for Operating Voltage including default -100-277VAC,D-347-480VAC ,E-20-30VAC.

2.The second * stands for Candela Distribution including H3V3,H5V5,H6V6.

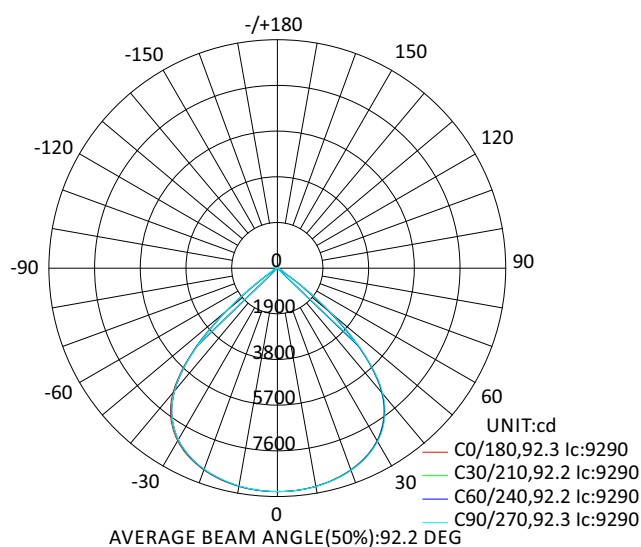
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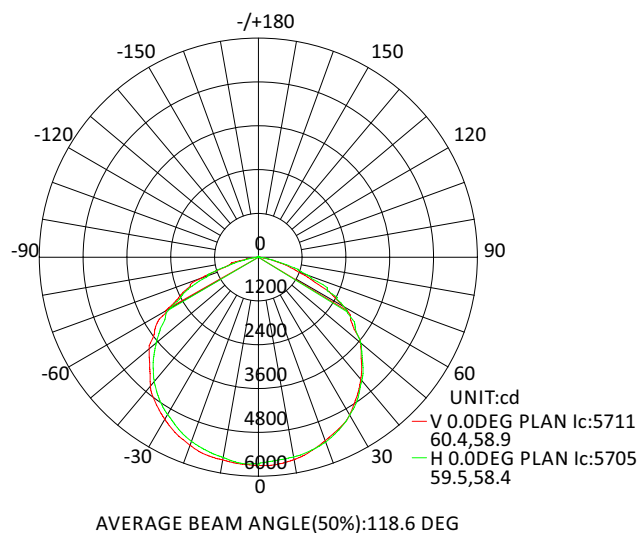
Candela Distribution



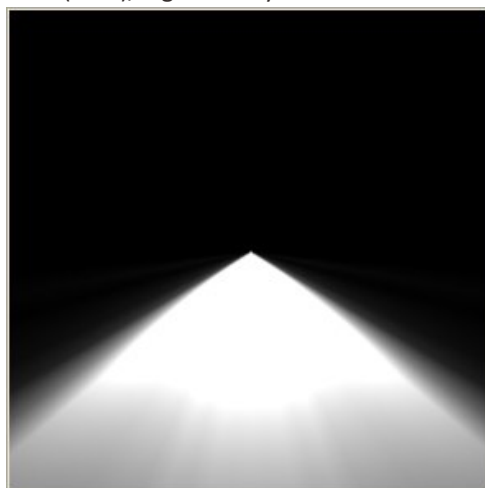
H3V3(40°)/High efficacy LED Source



H5V5(80°)/High efficacy LED Source



H6V6(120°)/High efficacy LED Source



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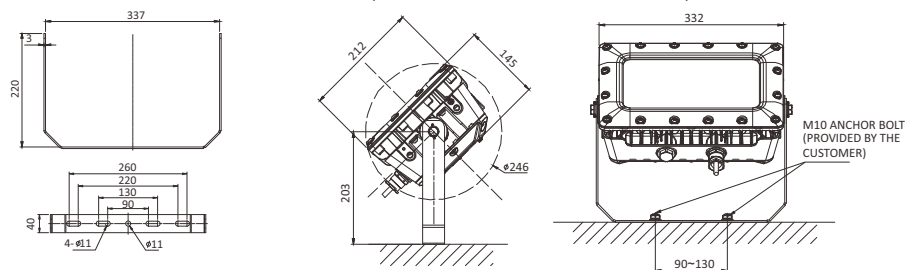
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Installation Method

Stanchion mount / Wall mount

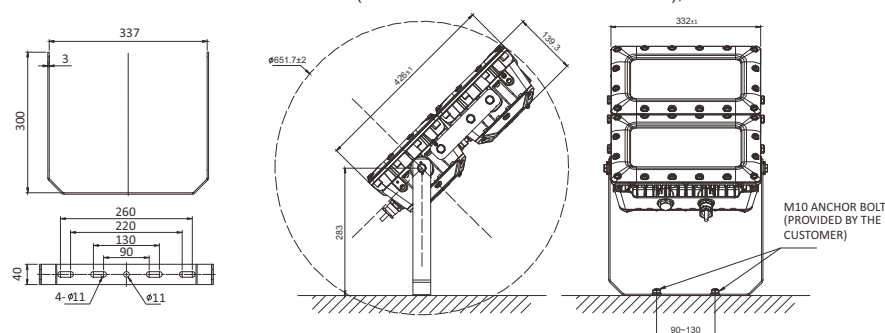
(unit:mm)

360°ROTATION(EVERY15° IS A ROTATION ANGLE),



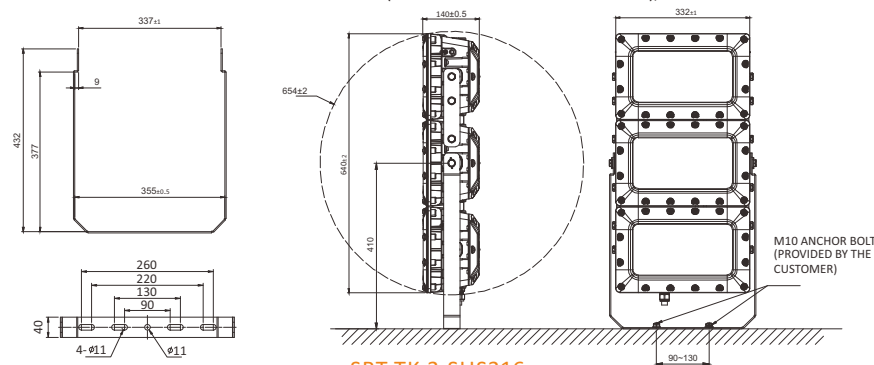
SBT-TK-SUS316
Single lamp

180°ROTATION(EVERY15° IS A ROTATION ANGLE),



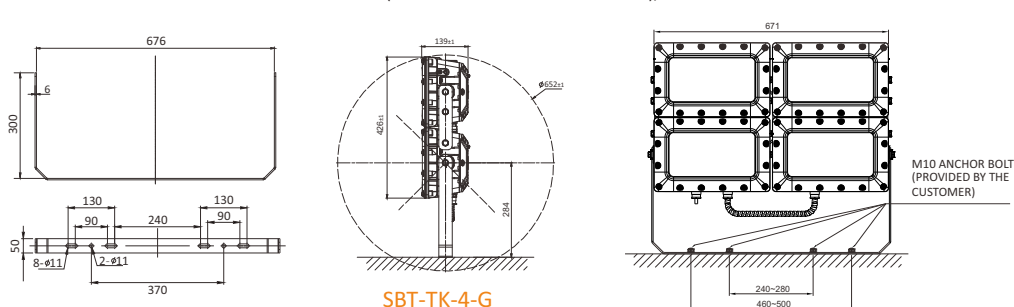
SBT-TK-2-SUS316
Two lamps

360°ROTATION(EVERY15° IS A ROTATION ANGLE),



SBT-TK-3-SUS316
Three lamps

180°ROTATION(EVERY15° IS A ROTATION ANGLE),



SBT-TK-4-G
Four lamps

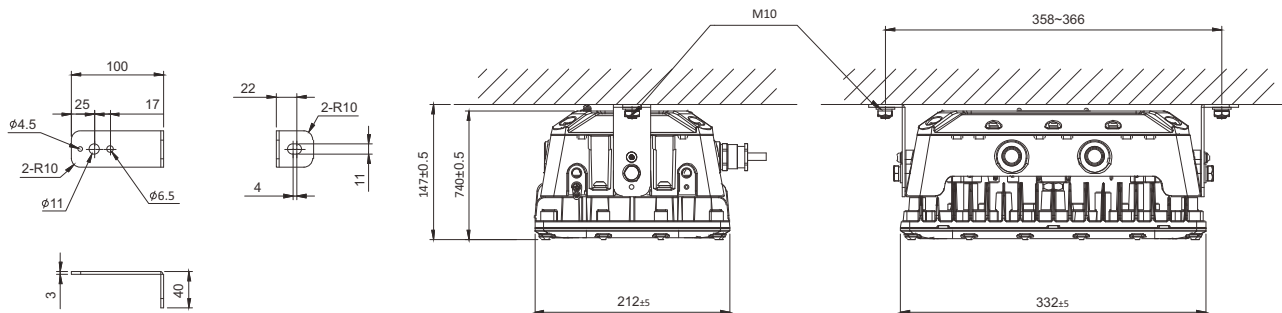
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Installation Method

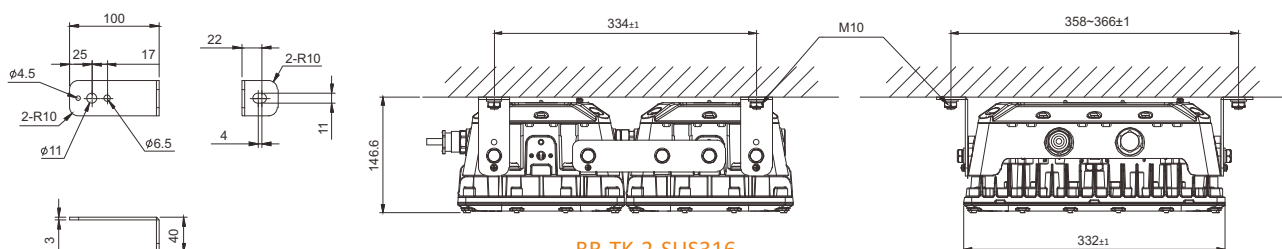
Ceiling Mount:

(unit:mm)



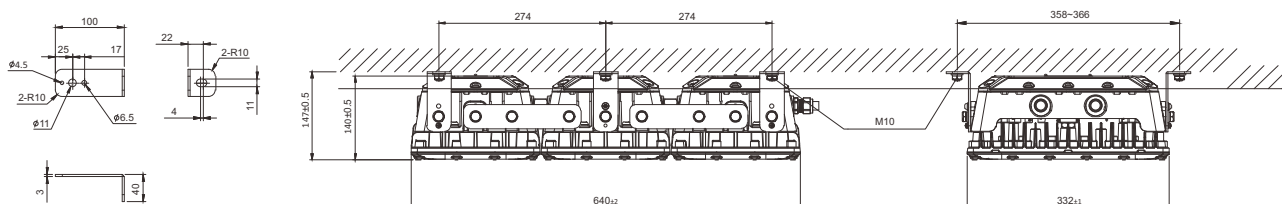
BR-TK-SUS316

Single lamp



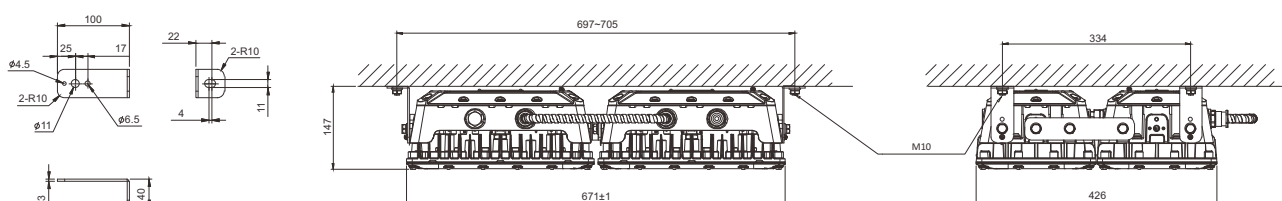
BR-TK-2-SUS316

Two lamps



BR-TK-3-SUS316

Three lamps



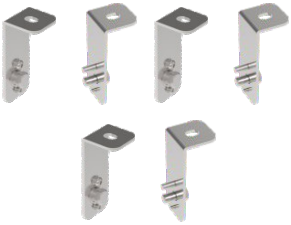
BR-TK-2-SUS316

Four lamps

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Optional Parts

No.	Installation Accessories	Part No.	Picture	Material	Weight(Kg)	QTY	Remarks
1	Ceiling Bracket	BR-TK-SUS316		SUS316	0.9	1	Single lamp
		BR-TK-2-SUS316		SUS316	1.8	1	Two lamps Four lamps
		BR-TK-3-SUS316		SUS316	2.7	1	Three lamps
2	Stanchion Bracket	SBT-TK-SUS316		SUS316	0.8	1	Single lamp
3	Stanchion Bracket	SBT-TK-2-SUS316		SUS316	1	1	Two lamps
4	Stanchion bracket	SBT-TK-3-SUS316		SUS316	1.6	1	Three lamps
5	Stanchion Bracket	SBT-TK-4-G		Q235	3	1	Four lamps
6	Safety Chain	SSR-TK1-SUS304		SUS304	0.06	1	Single lamp 0.8m
						2	Four lamps 0.8m
		SSR-TK2-SUS304				1	Two lamps Three lamps 0.8m