



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
- 4KV/Line-Line 6KV/Line-Earth
- 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:	100-277 VAC,141-392VDC(347-480 VAC,491-679 VDC are optional)
Power:	80W/100W/120W(Single lamp) 160W/200W/240W(Two lamps), 320W/400W/480W(Four lamps)
Frequency:	50/60Hz
Power Factor:	>0.98
THD:	<10%
CRI:	>70
Insulation Class:	I
Surge Protection:	4KV/6KV
LED Driver:	Over voltage protection/short circuit protection

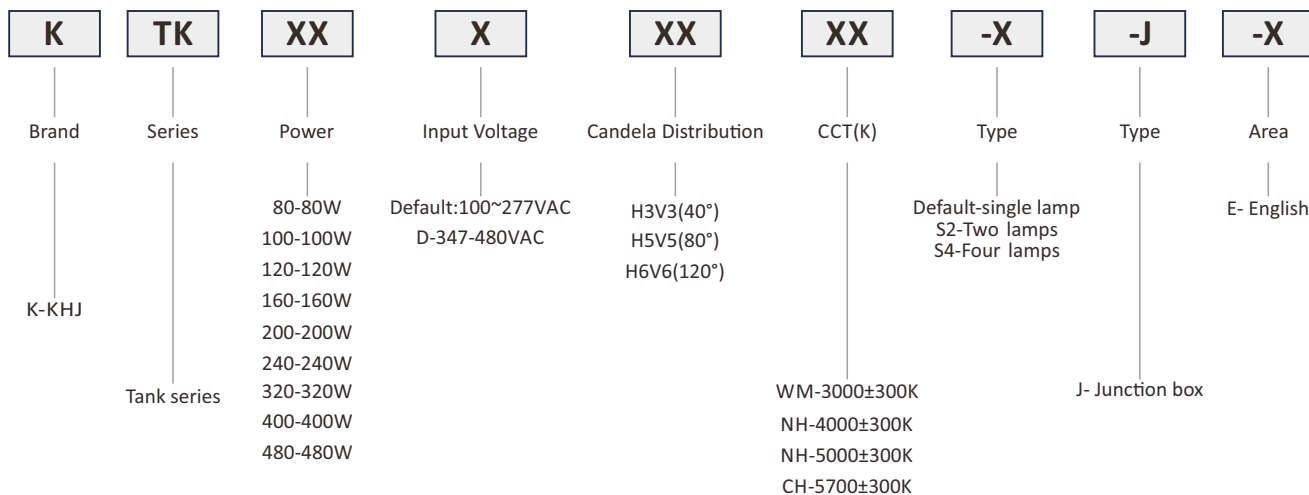
Mechanical Features:

Weight:	8.3Kg(80W~120W)/15Kg(160W~240W)/32kg(320W~480W)
Size:	332*212*142mm(80W~120W)/332*426*142mm(160W~240W) /671*426*142mm(320W~480W)
Ambient Temperature:	-40℃~+55℃
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-J-E	100-277 VAC (141-392 VDC)	12107	80	Cool white	5700K±300K
KTk80**NH-J-E		12107		Natural white	5000K±300K
KTk80**NH-J-E		12107		Natural white	4000±300k
KTk80**WM-J-E		10896		Warm white	3000±300k
KTk100**CH-J-E		14954	100	Cool white	5700±300k
KTk100**NH-J-E		14954		Natural white	5000±300k
KTk100**NH-J-E		14954		Natural white	4000±300k
KTk100**WM-J-E		13458		Warm white	3000±300k
KTk120**CH-J-E		17310	120	Cool white	5700±300k
KTk120**NH-J-E		17310		Natural white	5000±300k
KTk120**NH-J-E		17310		Natural white	4000±300k
KTk120**WM-J-E		15579		Warm white	3000±300k
KTk160**CH-S2-J-E		22910	160	Cool white	5700K±300K
KTk160**NH-S2-J-E		22910		Natural white	5000K±300K
KTk160**NH-S2-J-E		22910		Natural white	4000±300k
KTk160**WM-S2-J-E		20619		Warm white	3000±300k
KTk200**CH-S2-J-E		29145	200	Cool white	5700±300k
KTk200**NH-S2-J-E		29145		Natural white	5000±300k
KTk200**NH-S2-J-E		29145		Natural white	4000±300k
KTk200**WM-S2-J-E		26230		Warm white	3000±300k
KTk240**CH-S2-J-E		34136	240	Cool white	5700±300k
KTk240**NH-S2-J-E		34136		Natural white	5000±300k
KTk240**NH-S2-J-E		34136		Natural white	4000±300k
KTk240**WM-S2-J-E		30884		Warm white	3000±300k

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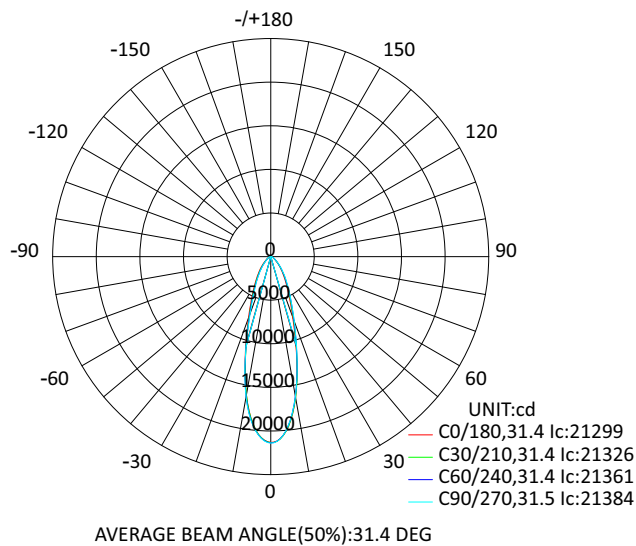
P/N	Operating Voltage(V)	Luminous Flux(lm)	Power(W)	Color Temp.	CCT(K)
KTk320**CH-S4-J-E	100-277 VAC (141-392 VDC)	46400	320	Cool white	5700±300k
KTk320**NH-S4-J-E		46400		Natural white	5000±300k
KTk320**NH-S4-J-E		46400		Natural white	4000±300k
KTk320**WM-S4-J-E		41760		Warm white	3000±300k
KTk400**CH-S4-J-E		58054	400	Cool white	5700±300k
KTk400**NH-S4-J-E		58054		Natural white	5000±300k
KTk400**NH-S4-J-E		58054		Natural white	4000±300k
KTk400**WM-S4-J-E		52248		Warm white	3000±300k
KTk480**CH-S4-J-E		69120	480	Cool white	5700±300k
KTk480**NH-S4-J-E		69120		Natural white	5000±300k
KTk480**NH-S4-J-E		69120		Natural white	4000±300k
KTk480**WM-S4-J-E		62208		Warm white	3000±300k

Remarks: 1.The first * stands for Operating Voltage including default -100-277VAC,D-347-480VAC.
2.The second * stands for Candela Distribution including H3V3,H5V5,H6V6.

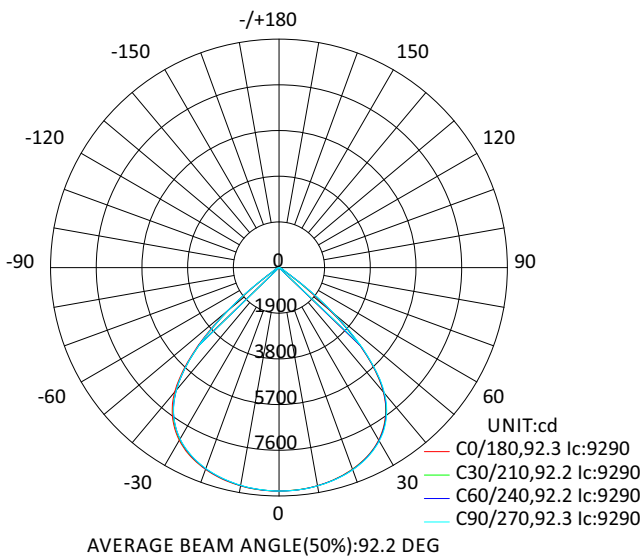
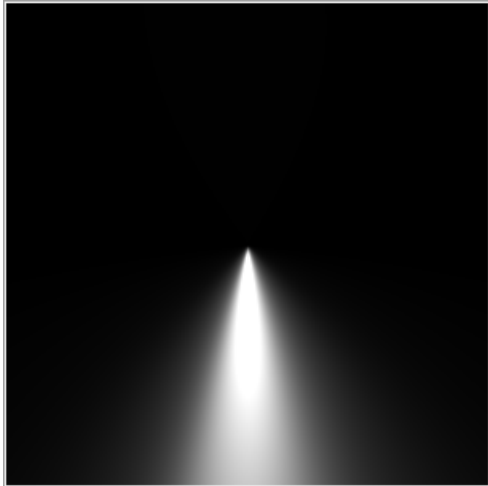
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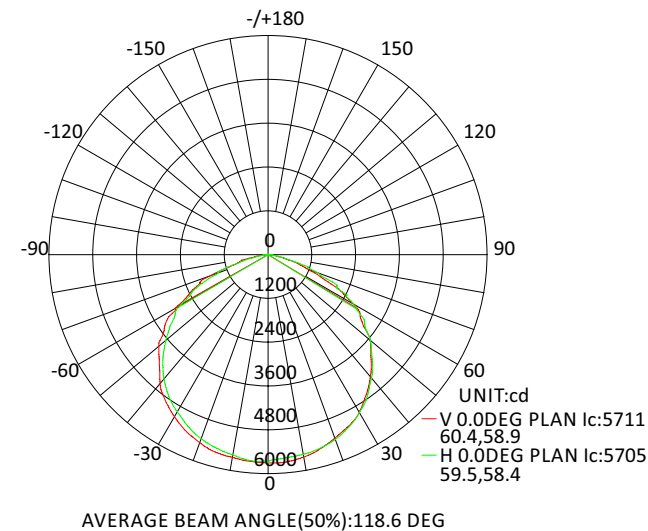
Candela Distribution



H3V3(40°)/High efficacy LED Source



H5V5(80°)/High efficacy LED Source



H6V6(120°)/High efficacy LED Source



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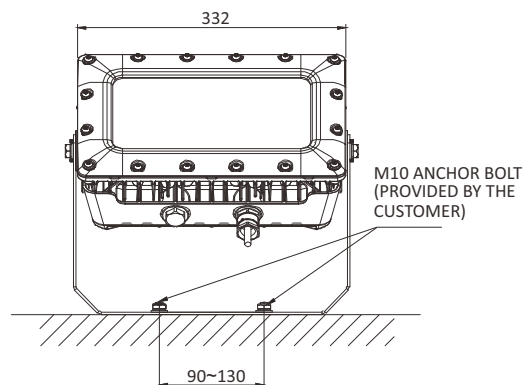
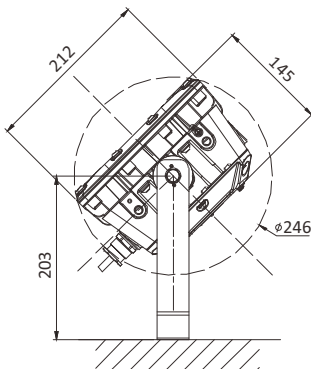
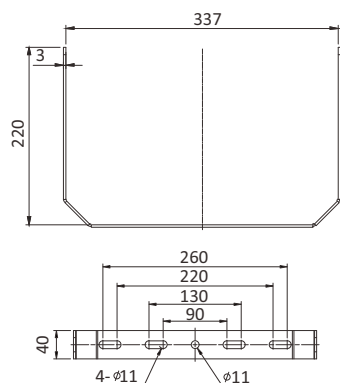
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Installation Method

Stanchion mount / Wall mount

(unit:mm)

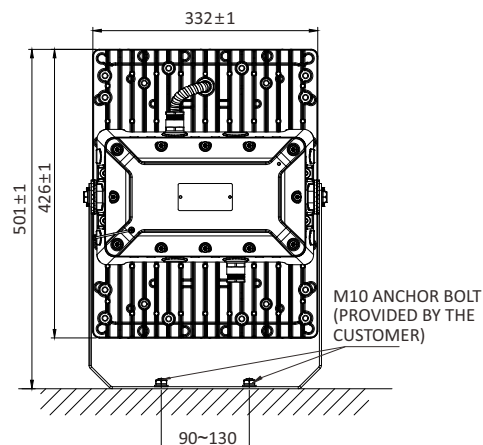
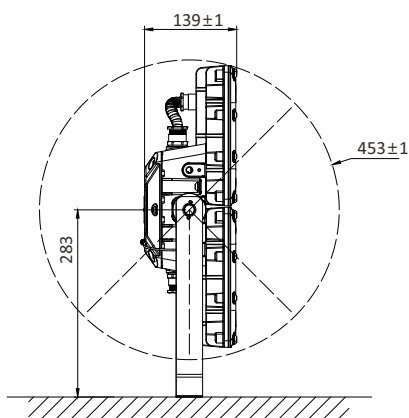
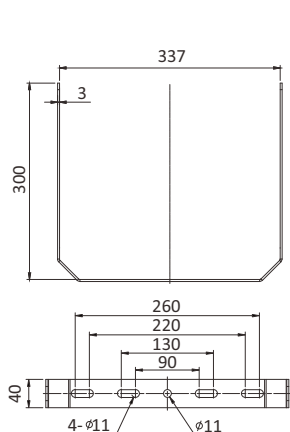
360°ROTATION(EVERY15° IS A ROTATION ANGLE)



SBT-TK-SUS316

Single lamp

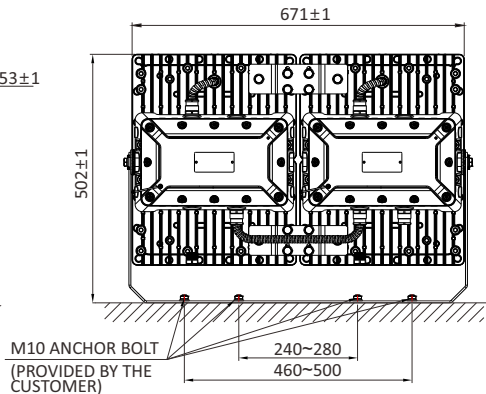
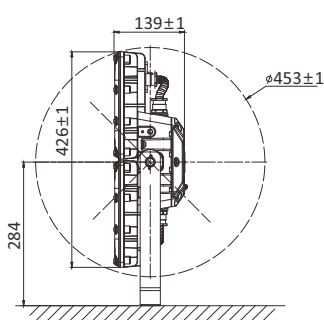
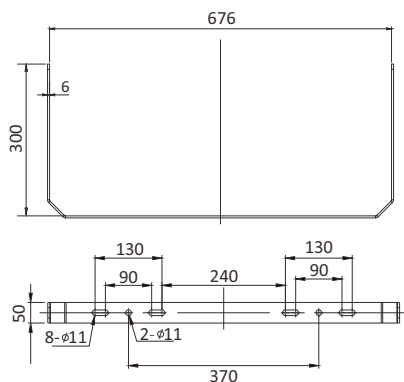
360°ROTATION(EVERY15° IS A ROTATION ANGLE)



SBT-TK-2-SUS316

Two lamps

360°ROTATION(EVERY15° IS A ROTATION ANGLE)



SBT-TK-4-G

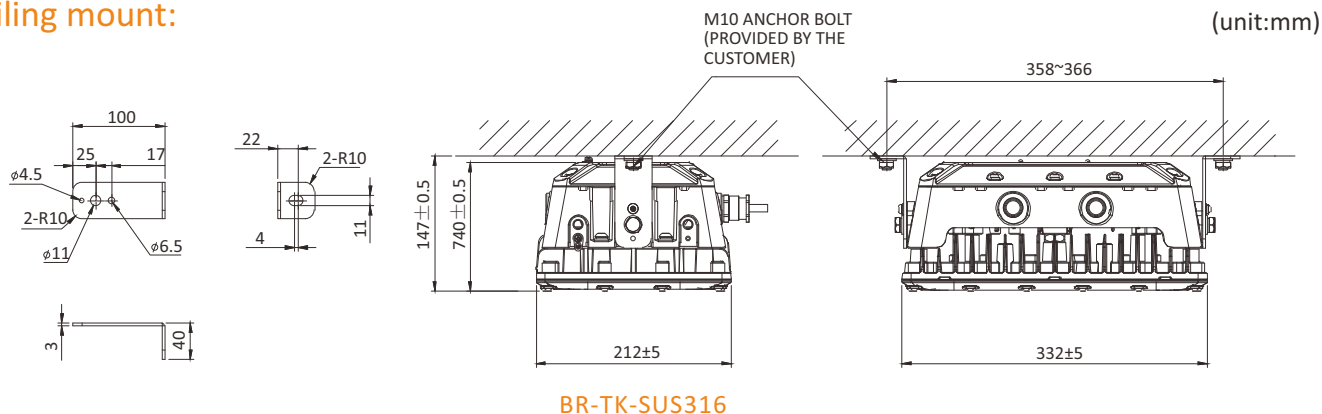
Four lamps

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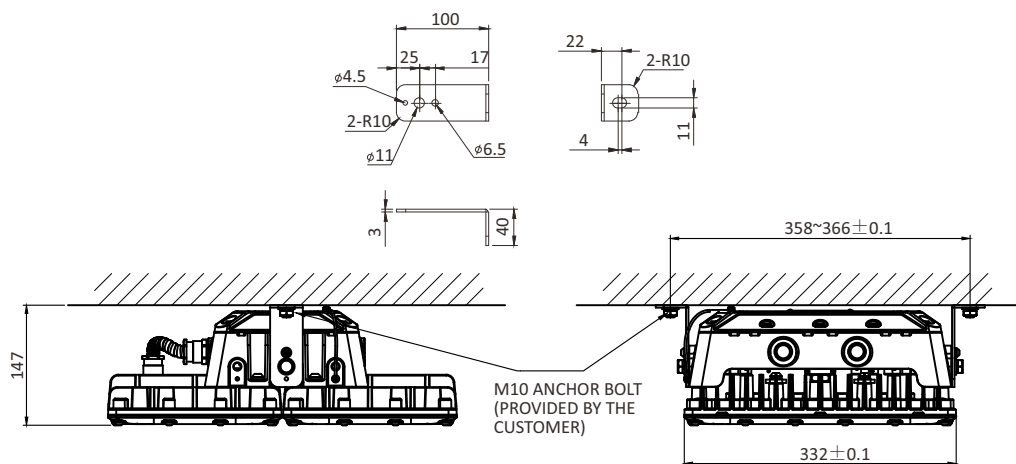
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Installation Method

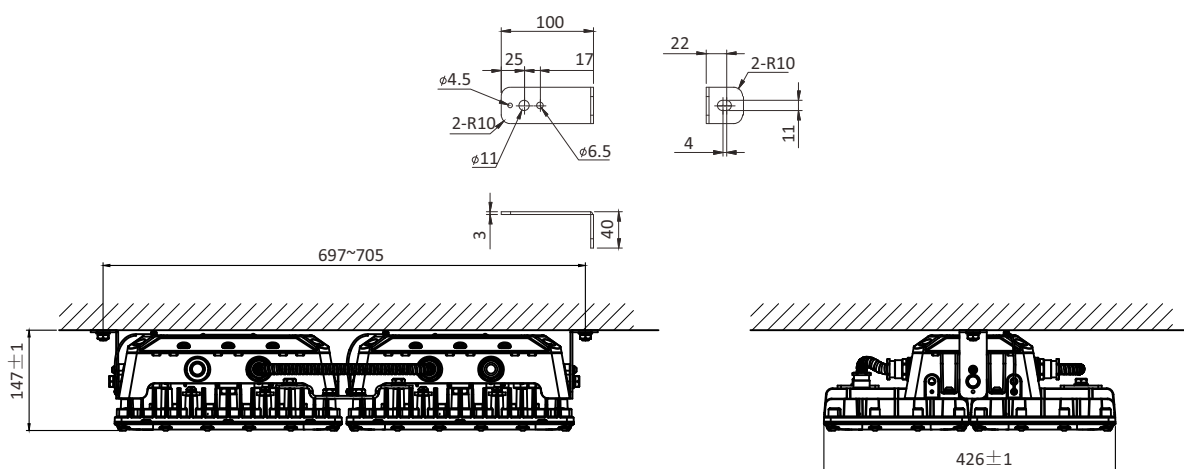
Ceiling mount:



Single lamp



Two lamps



Four lamps

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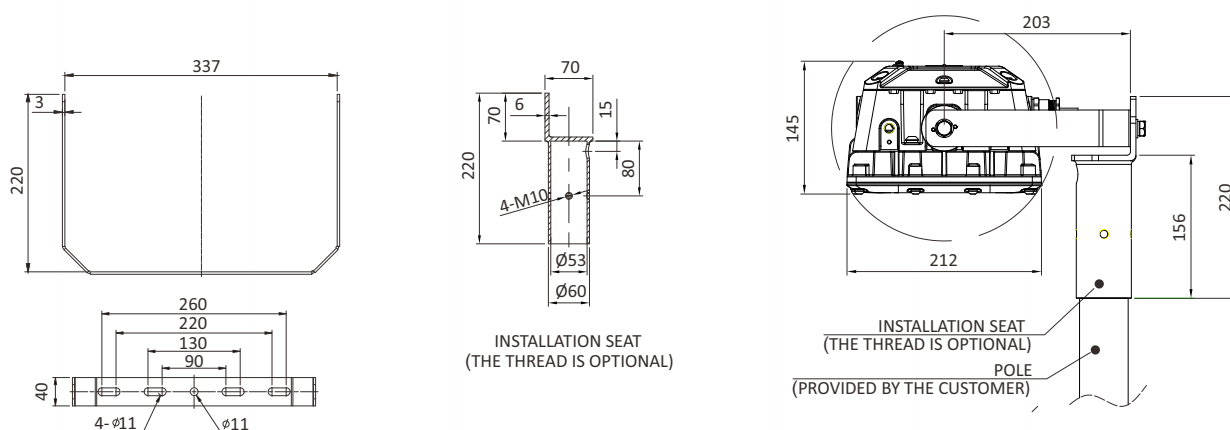
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Installation Method

Pole Mount:

(unit:mm)

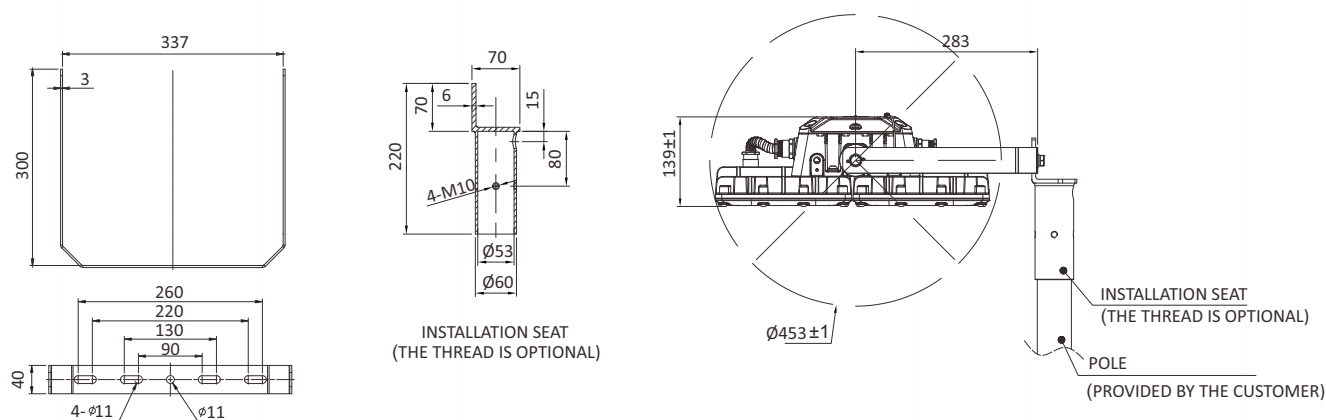
360° ROTATION (EVERY 15° IS A ROTATION ANGLE)



(SBT-TK-SUS316)+(SBT2-F-G)
Single lamp

360° ROTATION (EVERY 15° IS A ROTATION ANGLE)

(unit:mm)



(SBT-TK-2-SUS316)+(SBT2-F-G)
Two lamps

Remarks: Pole mount bracket for four lamps needs to be customized.

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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 Two lamps Four 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-4-G		Q235	3	1	Four lamps
5	Pole Mount Bracket	(SBT2-F-G) +(SBT-TK-SUS316)		SUS316+Q235	2.4	1	Single lamp
6	Pole Mount Bracket	(SBT2-F-G) +(SBT-TK-2-SUS316)		SUS316+Q235	2.6	1	Two lamps
7	Safety Chain	SSR-TK1-SUS304		SUS304	0.06	1	Single lamp 0.8m
						2	Four lamps 0.8m
		SSR-TK2-SUS304				1	Two lamps 0.8m