

Room Control Type Search Light

PS-KHL-R

Protection degree IP56

Materials

- Body : Stainless steel 316
- Arm : Stainless steel 316
- Front glass : Heat and impact resistant glass
- Latch : Stainless steel 316

Finish

- Body : White epoxy powder coat and stove enamelled (Munsell No. N-9.3)

Equipment

- Horizontal rotation : $\pm 180^\circ$
- Vertical movement : up(30°), down(30°)

Halogen lamp : 1 kW / 2 kW

- Lamp holder : GX9.5-1kW / G38-2kW
- One cable gland M24 (Diameter : Max. 17 mm cable)

Electrical

- AC 230 V, 50/60 Hz



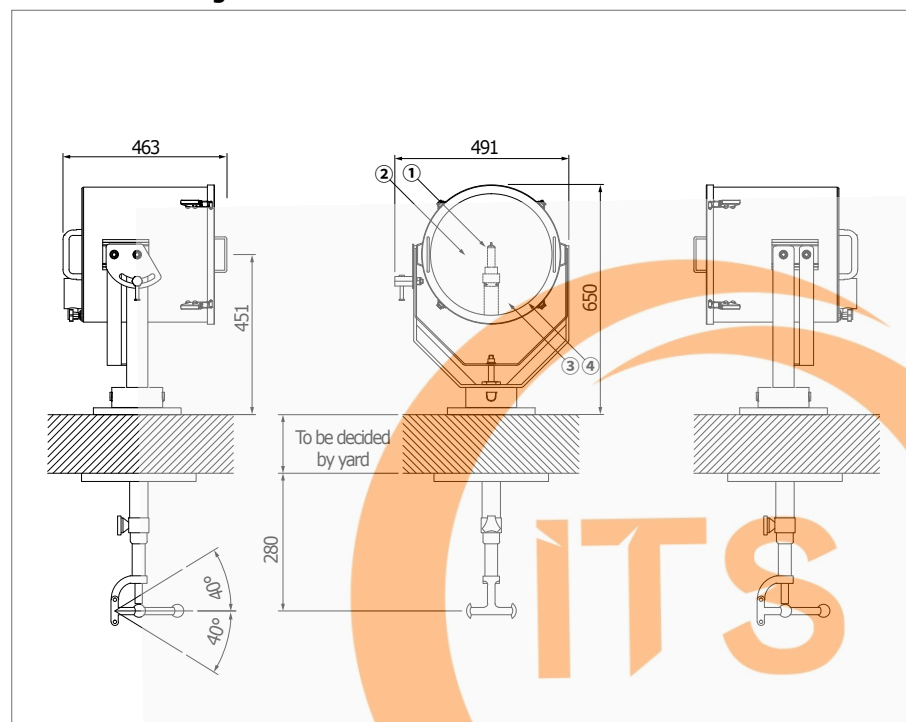
Specification

Model No.	Capacity	L(mm)	W(mm)	H(mm)	Weight(kg)	Remarks
PS1KHL-23UWCR	1 kW	491	463	890	30	Room control
PS2KHL-23UWCR	2 kW	685	513	590	40	Room control



PS1KH-R

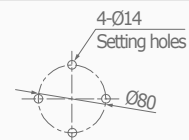
Technical Drawing



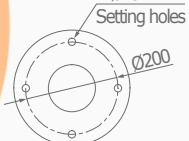
Part List

No	Part Name	Part Number
1	Lamp	22150114
2	Reflector (1k)	64620015
3	Front glass	64622374
4	Front glass packing	64030180

Setting Dimension (Room Control Handle)

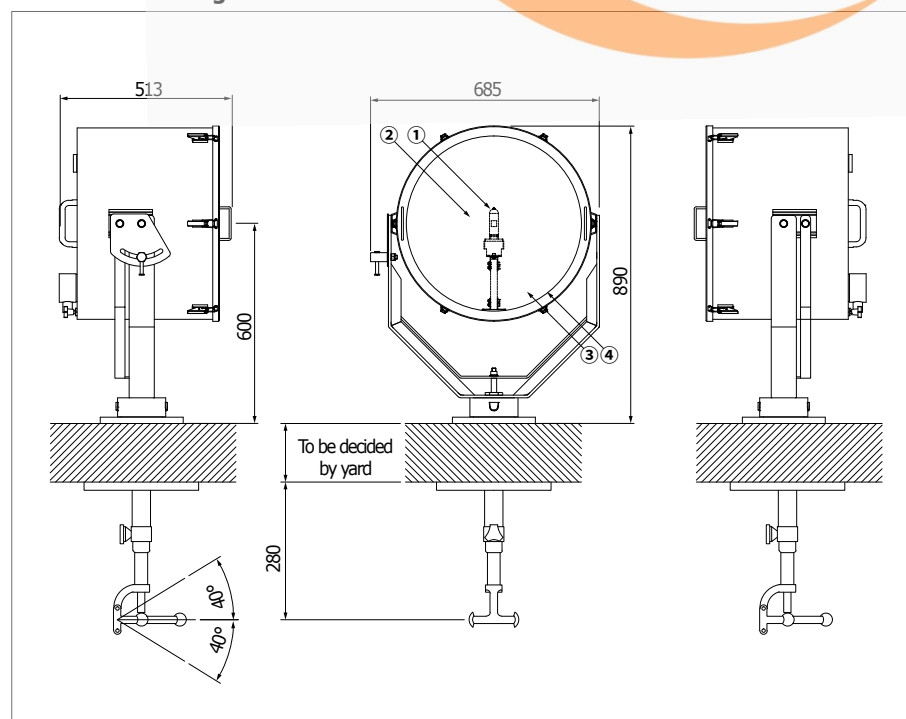


Setting Dimension (Lighting)



PS2KH-R

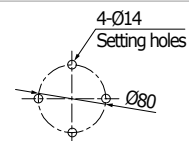
Technical Drawing



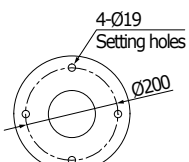
Part List

No	Part Name	Part Number
1	Lamp	22150094
3	Reflector (2k)	64620158
3	Front glass	64622376
4	Front glass packing	64597035

Setting Dimension (Room Control Handle)



Setting Dimension (Lighting)



SEARCHLIGHTS FOR **MARINE USE**

ROOMCONTROL/REMOTE CONTROL

Searchlights

- * High Performance, Reliable, Maintenance Friendly, Affordable Searchlights for Marine Use
- * Halogen/Xenon/LED/Incandescent/Suez Canal Searchlights
- * Fixed/Room Operated/Remote Operated Searchlights



HALOGEN SearchLight

LED SearchLight

Fix Type



PS1KH-F



PS2KH-F



PS60L-E

Remote control Type



PS1KH-E



PS2KH-E



PS170L-E

Technical Data

Model No.	Capacity	Weight (Kg)	Range at 1lux (m)	Base type	Lighting Source
PS1KH-F/R/E	1KW	23/23/56	1,048	GX9.5	Halogen
PS2KH-F/R/E	2KW	45/45/68	1,918	GY16	Halogen
PS3KH-F/R/E	3KW	46/46/69	1,732	GY38	Halogen

Operation : F(Manual), R(Room control), E(Remote control)

Model No.	Capacity	Weight (Kg)
PS60L-F/R/E	60W	25/25/57
PS170L-F/R/E	170wwW	51/51/70

Oper

Description >>

Application

- Bridge wing, Chemical processing and industrial areas

Protection degree

IP56

Materials

- Body : Stainless steel
- Arm : Stainless steel
- Front glass : Heat and impact resistant glass
- Latch : Stainless steel

Finish

- Body : White epoxy powder coat and stove enamelled (Munsell No. N-9.3)

Equipment

- Cable gland : M24



PS60L-F



PS170L-F

Suez SearchLight



PC2KH

xenon SearchLight



PXE-E

1KW



2KW



Range at 1lux (m)	Base type	Lighting Source
1,019	-	LED
1,816	-	LED

Operation : F(Manual), R(Room control), E(Remote control)

Model No.	Capacity	Weight (Kg)	Range at 1lux (m)	Base type	Lighting Source
PC2KH	2KW	70	1,800	-	Halogen
PC3KH	3KW	70	1,800	-	Halogen
Operation : Manual					
PX1K-E	1KW	75	7,071	-	Xenon
PX2K-E	2KW	65	8,944	-	Xenon

Operation : Remote Control



OPERATION

Operation Type

Type	Pan	Tilt	Description
Fix	360°	-30°/+75°	Manual Operation
Room Control	360°	-30°/+30°	Manual operation from below by control mechanism
Remote Control	360°	-30°/+30°	Searchlight mounted on electric Control Box with remote controller for flush console installation

Power Supply Box

Capacity	L	W	H	Weight(kg)
1KW	415	270	530	25
2KW	570	270	695	40

Junction Box

Capacity	L	W	H	Weight(kg)
220V	340	380	204	11

Control Box



Power Supply Box



Junction Box



REMOTE CONTROLLER

Description

Application

- Searchlight (Incandescent, Halogen, Xenon, LED Type)

Features

- IP20
- EMC passed (IEC 60945)
- Lamp operation use time counting for reliable maintenance

Materials

- Body : Aluminum
- Cover : Aluminum

Finish

- Body : Black
- Maker standard : Munsell 7.5 BG 7/2

Equipment

- Controller number : MAX. 4ea
- Control of Searchlight number : MAX. 4ea
- Communication system : RS-485
- Control distance : 1km

Electrical

- DC 24V, 3A MAX. are available on request

Controller Screen



- | | |
|---------------------------------|-----------------------------|
| 1 SEARCHLIGHT CONTROL SELECTION | 6 LAMP STATUS DISPLAY |
| 2 MAIN POWER ON / OFF | 7 LAMP CHANGE ALARM |
| 3 PANEL DIMMER & LAMP TEST | 8 XENON LAMP FOCAL DISTANCE |
| 4 OPERATION BLOCK | 9 LED LAMP DIMMING |
| 5 SEARCHLIGHT JOYSTICK | |