

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

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

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

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

Suez SearchLight

xenon SearchLight



PS170L-F



PC2KH



PXK-E

1KW



2KW



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

ation : 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
PX1K-E	1KW	75	7,071	-	Xenon
PX2K-E	2KW	65	8,944	-	Xenon

Operation : Manual

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 | | |