

# ESL serie - DELUXE SPARK



## OPERATING LAMPS



### ESL-C STANDARD VERSION

120.000 LUX PER CUPOLA

AUTOSWITCH SYSTEM FOR SPARE BULB CHANGING

DOUBLE ADJUSTABLE LIGHT SYSTEM ( BY PANEL, BY REMOTE CONTROL)

### ESL-CS SPECIAL VERSION

160.000 LUX PER CUPOLA

AUTOSWITCH SYSTEM for SPARE BULB CHANGING

DOUBLE ADJUSTABLE LIGHT SYSTEM ( BY PANEL, BY REMOTE CONTROL)

### ESL-CT ECONOMIC VERSION

120.000 LUX PER CUPOLA

MANUAL WITCH for SPARE BULB CHANGING

ADJUSTABLE LIGHT SYSTEM ONLY BY PANEL

# ESL SERIES - DELUXE SPARK OPERATING LAMPS



SINGLE CUPOLA



DOUBLE CUPOLA



TRIPLE CUPOLA



HANDLE CAN BE STERILIZED



ADJUSTABLE LIGHT

BY PANEL WITH LED DISPLAY



BY REMOTE CONTROL



WIDE RANGE OPERATION FOR ARM DIRECTION  
AND FOR THE LAMP HEAD DIRECTION

# ESL SERIES - DELUXE SPARK OPERATING LAMPS

## OPTIONS :

1. SUPPLEMENTARY ARM WITH CCD CAMERA
2. SUPPLEMENTARY ARM WITH LCD SCREEN SUSPENSION



**ESL-100C** with ARM for CCD camera



ARM WITH LCD MONITOR

**ESL-100W / WS / WT**



- **ESL-W WALL STANDARD VERSION 120.000 LUX**  
AUTOSWITCH SYSTEM FOR SPARE BULB CHANGING  
DOUBLE ADJUSTABLE LIGHT SYSTEM ( BY PANEL, BY REMOTE CONTROL)
- **ESL-WS WALL SPECIAL VERSION 160.000 LUX**  
AUTOSWITCH SYSTEM for SPARE BULB CHANGING  
DOUBLE ADJUSTABLE LIGHT SYSTEM ( BY PANEL, BY REMOTE CONTROL)
- **ESL-WT WALL ECONOMIC VERSION 120.000 LUX**  
MANUAL WITCH for SPARE BULB CHANGING  
ADJUSTABLE LIGHT SYSTEM ONLY BY PANEL
- **ESL-M MOBILE STANDARD VERSION 120.000 LUX**  
AUTOSWITCH SYSTEM FOR SPARE BULB CHANGING  
DOUBLE ADJUSTABLE LIGHT SYSTEM ( BY PANEL, BY REMOTE CONTROL)
- **ESL-MS MOBILE SPECIAL VERSION 160.000 LUX**  
AUTOSWITCH SYSTEM for SPARE BULB CHANGING  
DOUBLE ADJUSTABLE LIGHT SYSTEM ( BY PANEL, BY REMOTE CONTROL)
- **ESL-MT MOBILE ECONOMIC VERSION 120.000 LUX**  
MANUAL WITCH for SPARE BULB CHANGING  
ADJUSTABLE LIGHT SYSTEM ONLY BY PANEL



**ESL-100M / MS / MT**

**NOTE : ALL CAN BE EQUIPPED WITH UPS FIXED ON THE BASE**



# ESL SERIES - DELUXE SPARK OPERATING LAMPS

## FEATURES :

- MULTI CHOICE AVAILABLE FOR SINGLE/DUAL/TRIPLE CUPOLA
- SPECIAL DESIGN FOR ARM BALANCE AND CUPOLA MAKES THE MANEUVER EASY AND STABLE
- HIGH-TECH POLYGON REFLECTOR AND A-CLASS HEAT-ISOLATION GLASSES WHICH ELIMINATE THE RED-RAY (HOT RAY), AND REFLECT THE LOW TEMPERATURE NATURE LIGHT
- TRUE COLOR TEMPERATURE 4500K, NOT BY COLORING
- ADJUSTABLE ILLUMINATION FROM 0 - 100%
  - **ESL-C** and **ESL-CS** WITH **DUAL CONTROL SYSTEM** : BY **INFRARED REMOTE CONTROL**, OR BY **CONTROL PANEL ON CUPOLA**
  - **ESL-CT** ONLY BY **CONTROL PANEL ON CUPOLA**
- SPECIAL DESIGN OF 1 MAIN BULB AND 1 SPARE BULBS IN CUPOLA
  - **ESL-C** and **ESL-CS** WITH **AUTO SWITCH SYSTEM** TO AVOID THE BULB DAMAGE DURING USAGE
  - **ESL-CT** WITH **MANUAL SWITCH SYSTEM**
- WHEN SPARE BULB WAS USED, THE SYSTEM WILL ALARM ONE BEEP PER MINUTE, THE BEEP ALARM CAN BE STOPPED BY PUSH THE MUTE-KEY
- WITH MEMORIAL FUNCTION FOR PREVIOUS STAGE OF ILLUMINATION
- DETACHABLE HANDLE CAN BE STERILIZED BY STEAM STERILIZER

MODEL NUMBER ESL	100C / CS / CT	101C / CS / CT	111C / CS / CT	100M / MS / MT	100W / WS / WT
HEAD NO.	1 PC	2 PCS	3 PCS	1 PC	1 PC
HEAD DIAMETER	62CM	62CM x2	62CM x3	62CM	62CM
POLYGON REFLECTOR	YES	YES	YES	YES	YES
INTENSITY					
<b>ESL-C SERIE</b>	120.000 LUX	120.000 LUX x2	120.000LUXx3	120.000 LUX	120.000 LUX
<b>ESL-CS SERIE</b>	160.000 LUX	160.000 LUX x2	160.000LUXx3	160.000 LUX	160.000 LUX
<b>ESL-CT SERIE</b>	120.000 LUX	120.000 LUX x2	120.000LUXx3	120.000 LUX	120.000 LUX
COLOR TEMP.	4 00°K±200	4 00°K±200	4 00°K±200	4 00°K±200	00°K±200
CRI	9 ±3	9 ±3	9 ±3	9 ±3	±3
FOCUS RANGE	60 - 180CM	60 - 180CM	60 - 180CM	60 - 180CM	60 - 180CM
DEPTH OF LIGHT	70CM	70CM	70CM	70CM	70CM
BULB SPECS.	HALOGEN/24V/ 150 W	HALOGEN/24V/ 150 W	HALOGEN/24V/ 150 W	HALOGEN/24V/ 150 W	HALOGEN/24V/1 50 W
BULB QTY ( x EACH HEAD)	MAIN 1/ SPARE 1	MAIN 1/ SPARE 1	MAIN 1/ SPARE 1	MAIN 1/ SPARE 1	MAIN 1/ SPARE 1
ACTION RADIUS	170CM	183CM	183CM	MOVEMENT	183CM
HEAD ELEVATION	105cm	105cm	105cm	105cm	105cm
POWER	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V	AC100 - 240V
FREQUENCY	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
CONSUMPTION	200VA	400VA	600VA	200VA	200VA

## STANDARD ACCESSORIES

- No 2 STERILIZABLE HANDLE for each CUPOLA
- No 2 HALOGEN BULB for each CUPOLA
- No 1 INFRARED REMOTE CONTROL for each CUPOLA (*only for C and CS series*)

**OPTION : Batt UPS BACK UP SYSTEM . Autonomy 2H . Power supply 100...240V-50/60Hz**



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