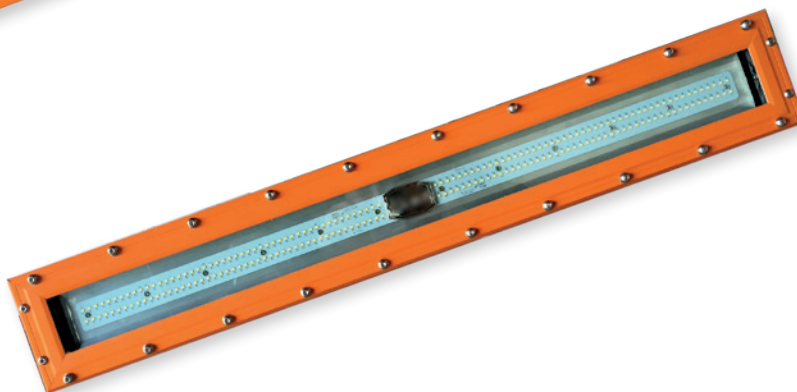


600mm 36W  
36W/5W (Emergency)



900mm 56W  
56W/5W (Emergency)



Available with Integrated  
3 hour Emergency Operation  
from integral battery pack



Optional brackets  
available

### Key features:

- Intrinsically safe LED floodlights for use in Zone 1 • 2 • 21 • 22 hazardous areas
- Explosion proof
- High strength Aluminium housing
- Optional 3 hour Emergency Operation, 12 hour charge time
- Anti-glare, Ultra bright high power SEOUL LED light output
- **Normal type:** AC100-277V/ AC/DC24-48V/ DC10-30V
- **Emergency type:** AC100-277V, AC200-277V
- Industrial aluminium alloy housing, high performance anti impact
- Shock and vibration-resistant, tempered glass lens and housing



**INTRINSICALLY SAFE LED  
FLOODLIGHT FOR USE  
IN ZONE 1 • 2 • 21 • 22  
HAZARDOUS AREA**



### Certifications and Ratings:

- CLASS I DIV 1&2 GRP CD
- CLASS II DIV 1 GRP EFF
- CLASS II DIV 2 GRP FG
- CLASS III DIV 1, CLASS III DIV 2
- Ex d e II B T6 Gb
- Ex tb IIIC T80°C Db IP66
- ATEX ZONE 1 & 21 | ZONE 2 & 22
- ATEX Certificate No.: TÜV 15 ATEX 7673X
- IECEx
- IK08
- ABS
- Rohs
- CE
- IP66



Typical applications include Gas station, manufacturing plants, chemical and petrochemical processing facilities, sewage treatment plants, off-shore, and dockside installations

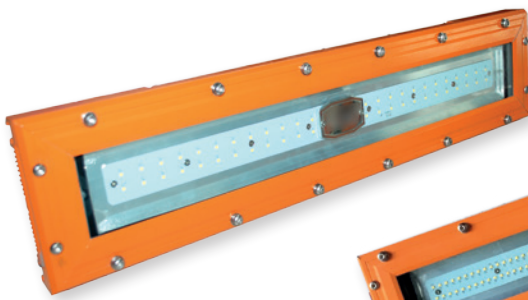
PRODUCT CODE	INFO
NSEXLINEAR4500	-
NSEXLINEAR4500E	EMERGENCY

6.4  
KG

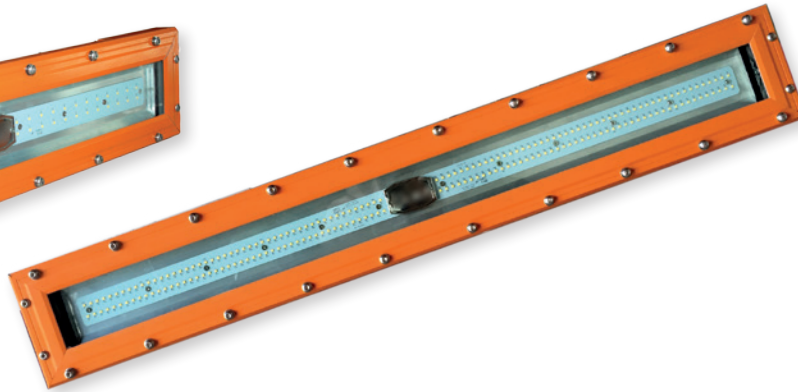
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NSEXLINEAR7000	-
NSEXLINEAR7000E	EMERGENCY

8.7  
KG

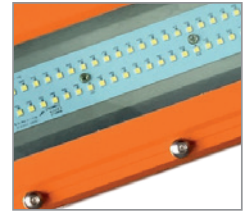
## LINEAR ATEX Zone 1 + 2 / Emergency Operation



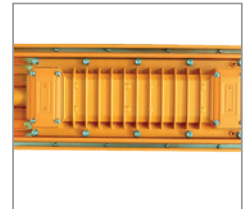
600mm 36W  
36W/5W (Emergency)



900mm 56W  
56W/5W (Emergency)



High Powered  
SEOUL LED

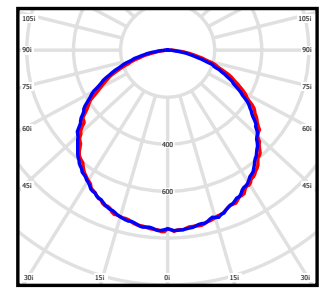


Copper-Free  
Aluminium  
enclosure

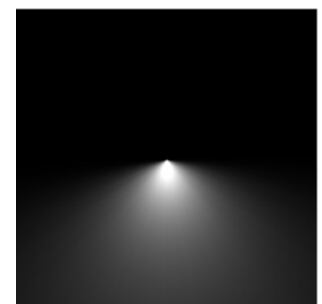
### Specification

	NSEXLINEAR4500/E	NSEXLINEAR7000/E
Light Outputs	<b>NSEXLINEAR4500:</b> 4554lm <b>NSEXLINEAR4500E:</b> 630lm	<b>NSEXLINEAR7000:</b> 7084lm <b>NSEXLINEAR7000E:</b> 630lm
Light Source	SEOUL LED	SEOUL LED
Power	<b>NSEXLINEAR4500:</b> 36W <b>NSEXLINEAR4500E:</b> 36W/5W	<b>NSEXLINEAR7000:</b> 56W <b>NSEXLINEAR7000E:</b> 56/5W
Input Voltage	<b>NSEXLINEAR4500:</b> AC100-277V/ AC/DC24-48V/ DC10-30V <b>NSEXLINEAR4500E:</b> AC100-277V, AC200-277V	<b>NSEXLINEAR7000:</b> AC100-277V/ AC/DC24-48V/ DC10-30V <b>NSEXLINEAR7000E:</b> AC100-277V, AC200-277V
Input Frequency	50-60Hz	50-60Hz
CCT (K)	3700-4300	3700-4300
CRI	≥ 70/80Ra	≥ 70/80Ra
Charging time (After discharge)	<b>NSEXLINEAR4500E:</b> 12 hours	<b>NSEXLINEAR7000E:</b> 12 hours
Emergency backup operation	<b>NSEXLINEAR4500E:</b> 3 hours	<b>NSEXLINEAR7000E:</b> 3 hours
Battery	<b>NSEXLINEAR4500E:</b> Battery: 2.8Ah	<b>NSEXLINEAR7000E:</b> Battery: 2.8Ah
IP Rating	IP66	IP66
Impact Rating	IK08	IK08
Ambient Temperature	<b>NSEXLINEAR4500:</b> -40° - +55 <b>NSEXLINEAR4500E:</b> -20° - +55	<b>NSEXLINEAR7000:</b> -40° - +55 <b>NSEXLINEAR7000E:</b> -20° - +55
Material	Alloy aluminium	Alloy aluminium
Dimensions	600mmx136mmx85mm	900mmx136mmx85mm
Weight	6.4kg	8.7kg

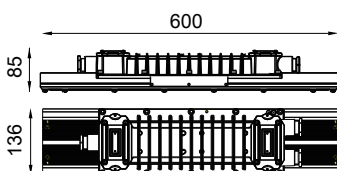
### Light Distribution



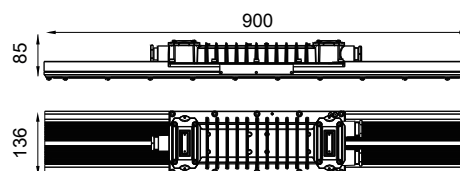
S/MHwp2 .5 :1



### Dimensions



PRODUCT CODE	INFO
NSEXLINEAR4500	-
NSEXLINEAR4500E	EMERGENCY



PRODUCT CODE	INFO
NSEXLINEAR7000	-
NSEXLINEAR7000E	EMERGENCY