

The logo for LUMO, featuring the word "LUMO" in a bold, white, sans-serif font. A small red triangle is positioned above the letter "O".

**LUMO<sup>®</sup>**

Three different LUMO lighting fixtures are shown against a light grey background. One is mounted on a wall, another is a smaller wall-mounted unit, and the third is a larger street-style fixture on a pole.

**MULTI APPLICATION AREA LIGHTING**

FLOOD LIGHTING | STREET LIGHTING | WALL WASHER LIGHTING



# Luminous Efficacy up to 125lm/w, Ra80

The fixture protection grade is IP66



## Optional installation

Four kinds of bracket makes the installation be much easier.

## Bright quality LED Chip

Samsung 2835 chip, long lifetime circuit and energy saving, 3000K/4000K/5000K and 5700K optional.

## Die-casting aluminum heat sink

ADC12 provides excellent thermal dissipation and extend the life time of LED chip.

## Housing material

Made by metallic material, its wear resistant, compact and good ductibility.



# LED Area Lighting

## LU080FLBR-SQ01 / LU100FLBR-SQ01

### Specifications

#### Electrical Data

Wattage	80/100W
PowerSupply	MEAN WELL
Input Voltage	AC120-277V
Power Frequency	50/60Hz
Output Voltage	DC30-50V
Power Efficiency	>90%
Power Factor	0.90
Total Harmonic Distortion	<15%

#### Optical Data

##### Lumen Version

LED Type	NICHIA, (Made in Japan)
LED QTY	160pcs
Efficiency	125lm/W
Luminous Flux	10000/12500lm(CCT=5700K)±5%
CCT	3000K/4000K/5000K/5700K
CRI	>80Ra
System Efficiency	>90%
Beam Angle	Type2-M / Type3-S / Type3-M Type4-M / Type5-M / 90x120°

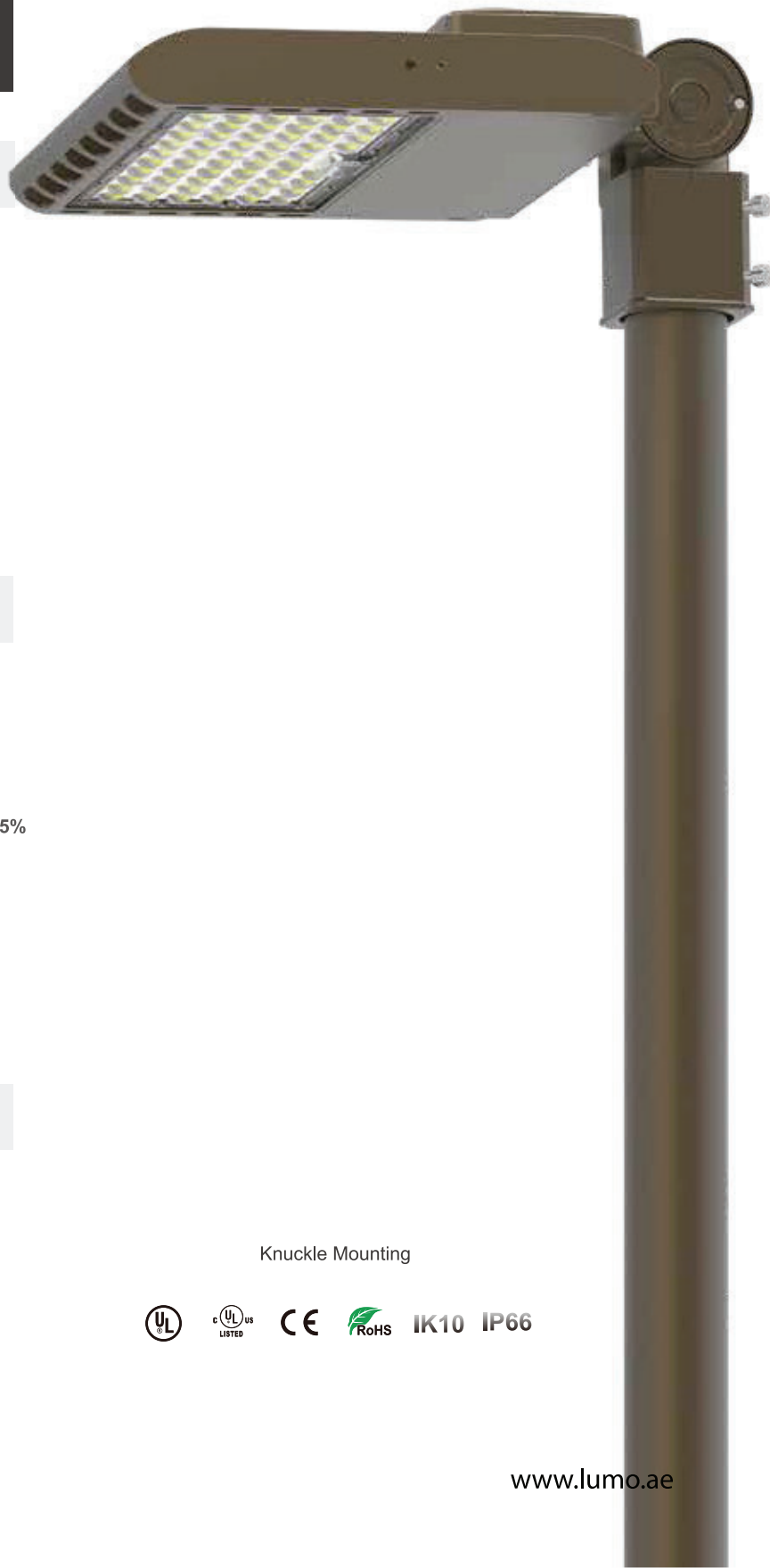
#### Others

IP	IP66
IK	IK10
Lifetime(L70 Standard)	50000 hours
Lens Material	PC
Heat Radiator	die-cast aluminum

Knuckle Mounting



IK10 IP66



# LED Area Lighting

## LU120FLBR-SQ01 / LU150FLBR-SQ01

### Specifications

#### Electrical Data

Wattage	120/150W
PowerSupply	MEAN WELL
Input Voltage	AC120-277V
Power Frequency	50/60Hz
Output Voltage	DC30-50V
Power Efficiency	>90%
Power Factor	0.90
Total Harmonic Distortion	<15%

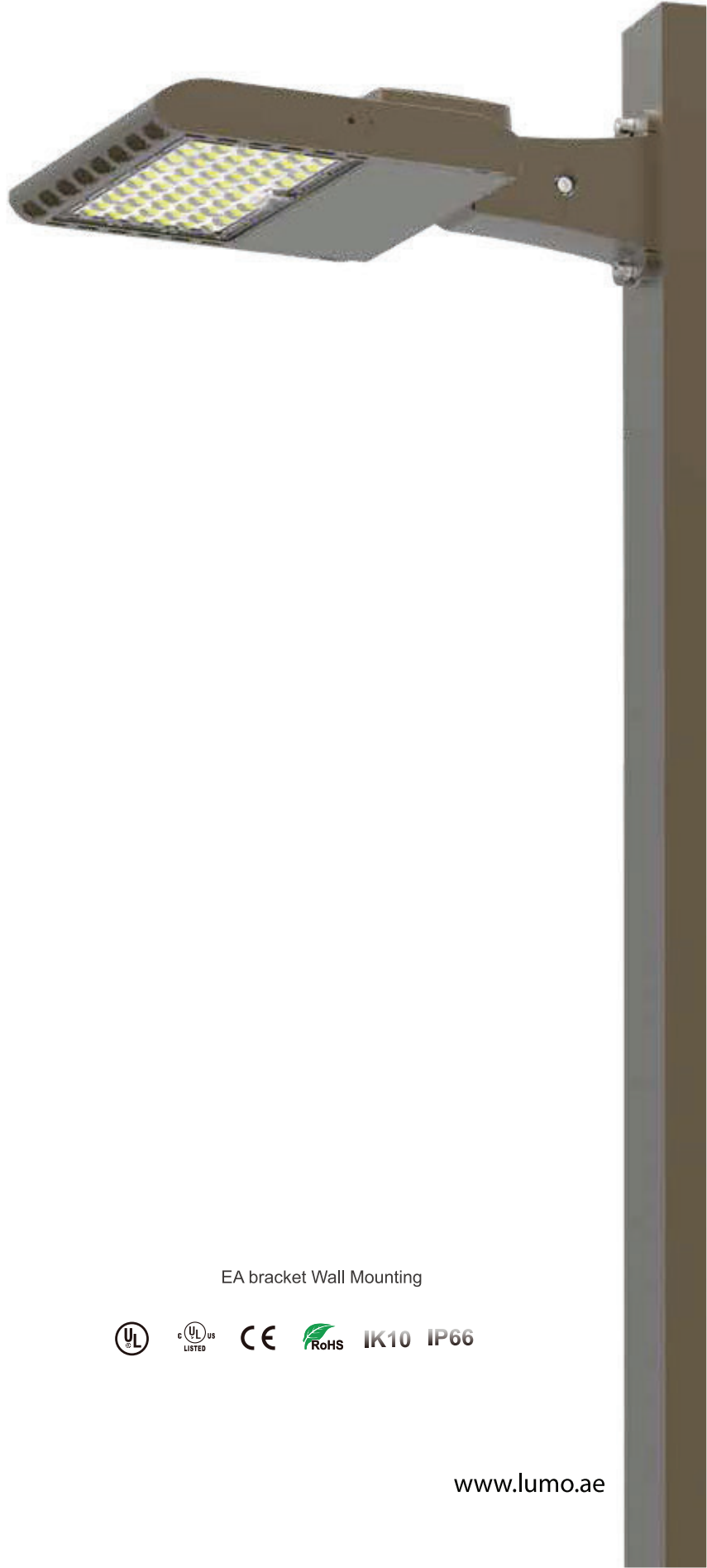
#### Optical Data

##### Lumen Version

LED Type	NICHIA, (Made in Japan)
LED QTY	230pcs
Efficiency	125lm/W
Luminous Flux	15000/18750lm(CCT=5700K)±5%
CCT	3000K/4000K/5000K/5700K
CRI	>80Ra
System Efficiency	>90%
Beam Angle	Type2-M / Type3-S / Type3-M Type4-M / Type5-M / 90x120°

#### Others

IP	IP66
IK	IK10
Lifetime(L70 Standard)	50000 hours
Lens Material	PC
Heat Radiator	die-cast aluminum



EA bracket Wall Mounting



IK10 IP66

# LED Area Lighting

## LU185FLBR-SQ01 / LU200FLBR-SQ01

### Specifications

#### Electrical Data

Wattage	185/200W
Power Supply	MEAN WELL
Input Voltage	AC120-277V
Power Frequency	50/60Hz
Output Voltage	DC30-50V
Power Efficiency	>90%
Power Factor	0.90
Total Harmonic Distortion	<15%

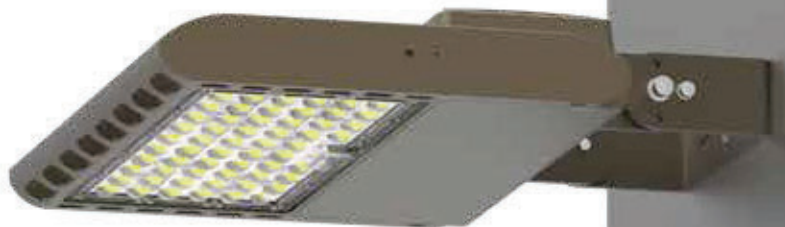
#### Optical Data

##### Lumen Version

LED Type	NICHIA, (Made in Japan)
LED QTY	230pcs
Efficiency	115lm/W
Luminous Flux	21200/23000lm(CCT=5700K)±5%
CCT	3000K/4000K/5000K/5700K
CRI	>80Ra
System Efficiency	>90%
Beam Angle	Type2-M / Type3-S / Type3-M Type4-M / Type5-M / 90x120°

#### Others

IP	IP66
IK	IK10
Lifetime(L70 Standard)	50000 hours
Lens Material	PC
Heat Radiator	die-cast aluminum



Wall Mounting



IK10 IP66

# LED Area Lighting

LU240FLBR-SQ01 / LU300FLBR-SQ01/  
LU400FLBR-SQ01

## Specifications

### Electrical Data

Wattage	240/300W/400W
PowerSupply	MEAN WELL
Input Voltage	AC120-277V
Power Frequency	50/60Hz
Output Voltage	DC30-50V
Power Efficiency	>90%
Power Factor	0.90
Total Harmonic Distortion	<15%

### Optical Data

#### Lumen Version

LED Type	NICHIA, (Made in Japan)
LED QTY	360/ 460/ 460pcs
Efficiency	115 ~ 125lm/W
Luminous Flux	30000/37500/46000lm(CCT=5700K)±5%
CCT	3000K/4000K/5000K/5700K
CRI	>80Ra
System Efficiency	>90%
Beam Angle	Type2-M / Type3-S / Type3-M Type4-M / Type5-M / 90x120°

### Others

IP	IP66
IK	IK10
Lifetime(L70 Standard)	50000 hours
Lens Material	PC
Heat Radiator	die-cast aluminum

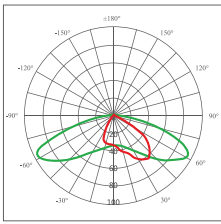
Trunnion Mounting



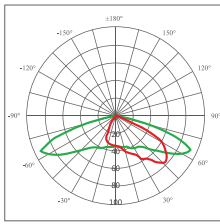
IK10 IP66

# Photometric Diagrams

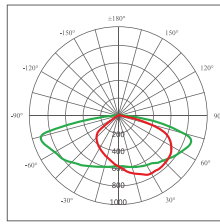
Type2-M



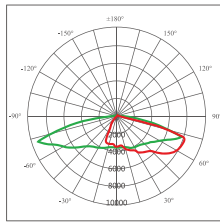
Type3-S



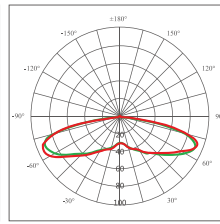
Type3-M



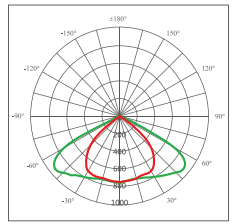
Type4-M



Type5-M



90x120°



## Optional Intelligent Dimming

Bright

Dark

1.Photo Sensor



2.Infrared Sensor



3.Motion Sensor



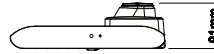
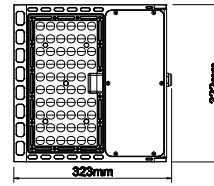


# Bracket/ Dimension/Package

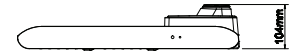
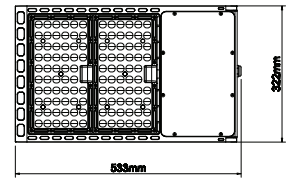
## 01

### Without bracket

Carton Dimensions  
Gross Weight  
Fixture Dimension  
Net Weight



L360\*W370\*H150mm  
4.2kg/60~150W;4.5KG/185~200W  
L323\*W322\*H91mm  
3.6kg/80~150W;3.9KG/185~200W



L570\*W370\*H165mm  
6.9kg/240~300W;7.5kg/400W  
L533\*W322\*H104mm  
6.1kg/240~300W;6.7kg/400W

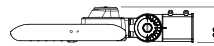
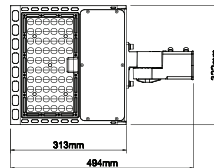
## 02

### Knuckle Mounting

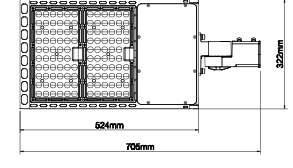
Carton Dimensions  
Gross Weight  
Fixture Dimension  
Net Weight



L590xW400xH160mm  
13kg(10pcs/box)  
L192xW121.5xH81mm  
1.2kg(1pcs)



L540\*W370\*H150mm  
5.6kg/60~150W;5.9KG/185~200W  
L494\*W322\*H96mm  
4.8kg/80~150W;5.1KG/185~200W



L750\*W370\*H165mm  
8.3kg/240~300W;8.9kg/400W  
L705\*W322\*H104mm  
7.3kg/240~300W;7.9kg/400W

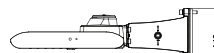
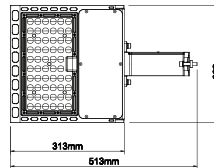
## 03

### EA bracket Wall Mounting

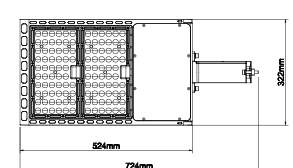
Carton Dimensions  
Gross Weight  
Fixture Dimension  
Net Weight



L700xW320xH245mm  
12.0kg(10pcs/box)  
L196.5xW124xH140mm  
1.1kg(1pcs)



L540\*W370\*H170mm  
5.5kg/60~150W;5.8KG/185~200W  
L513\*W322\*H140mm  
4.7kg/80~150W;5.0KG/185~200W



L750\*W370\*H178mm  
8.2kg/240~300W;8.8kg/400W  
L724\*W322\*H140mm  
7.2kg/240~300W;7.8kg/400W

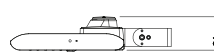
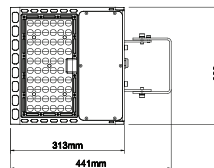
## 04

### Wall Mounting

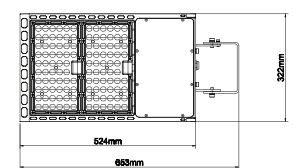
Carton Dimensions  
Gross Weight  
Fixture Dimension  
Net Weight



L590xW400xH160mm  
15.4kg(12pcs/box)  
L152xW132xH52mm  
1.2kg(1pcs)



L540\*W370\*H150mm  
5.5kg/60~150W;5.8KG/185~200W  
L441\*W322\*H91mm  
4.8kg/80~150W;5.1KG/185~200W

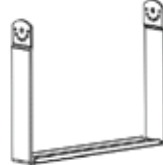


L750\*W370\*H165mm  
8.3kg/240~300W;8.9kg/400W  
L653\*W322\*H104mm  
7.3kg/240~300W;7.9kg/400W

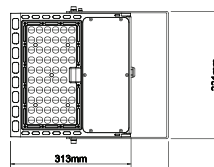
## 05

### Trunnion Mounting

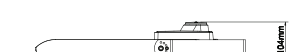
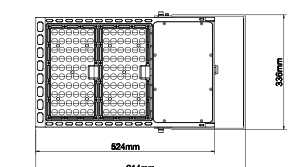
Carton Dimensions  
Gross Weight  
Fixture Dimension  
Net Weight



L590xW400xH160mm  
11.4kg(8pcs/box)  
L262.8xW338xH50mm  
1.3kg(1pcs)



L540\*W370\*H150mm  
5.6kg/60~150W;5.9KG/185~200W  
L410\*W331\*H91mm  
4.9kg/80~150W;5.2KG/185~200W



L750\*W370\*H165mm  
8.4kg/240~300W;9.0kg/400W  
L614\*W336\*H104mm  
7.4kg/240~300W;8.0kg/400W