SMART UFO HIGHBAY **SHU**

SERIES · SHU

APPLICATIONS

- Warehouses
- Factories
- Shopping Malls
- Indoor Sports Centres

SHU Smart UFO Highbay Light

160 W and 210 W highbay with motion and daylight sensing over a gateway-free ZigBee mesh. Up to 31,500 lm, 60° and 90° optics.

31,500 lm
LUMINOUS FLUX (5700K)

5.8 GHz
MICROWAVE MOTION SENSOR

30 units
PER ZIGBEE GROUP

156 lm/W
PEAK EFFICACY



COMMON SPECIFICATIONS

Shared across both wattages, colour temperatures and projection angles

CRI	Ra > 80 / R9 > 0	**Input Power (AC)**	100–277 V 50/60 Hz
Inrush Current (I²T)	1.5 A²S max @ 230 V AC full load	**Surge Protection**	4 kV line–line, 6 kV line–earth
Power Factor	> 0.95 @ 240 V AC	**THD**	7 % typ., 15 % max
Working Temp.	Max. Tc –40 °C to 75 °C	**Projection Angles**	60° / 90°
Housing Material	Die Cast Aluminium Base (Heatsink) & Polycarbonate Lens	**Smart Control**	Motion + daylight sensor, ZigBee mesh

MODELS

Part suffix –60 / –90 sets the projection angle · ± 10 % lumen tolerance

PART NO.	WATTAGE	COLOUR TEMP.	LUMENS	LM / W	ANGLE	INPUT / DRIVER	SIZE (H × Ø)	WEIGHT
SHU30000C-60	210 W	**5700 K (Cool)**	29,500	144	**60°**	240 V @ 875 mA	185 (H) × 380 Ø	3,200 g
SHU30000C-90	210 W	**5700 K (Cool)**	31,500	150	**90°**	240 V @ 875 mA	185 (H) × 380 Ø	3,200 g
SHU30000W-60	210 W	**3000 K (Warm)**	27,400	131	**60°**	240 V @ 875 mA	185 (H) × 380 Ø	3,200 g
SHU30000W-90	210 W	**3000 K (Warm)**	29,300	139	**90°**	240 V @ 875 mA	185 (H) × 380 Ø	3,200 g
SHU24000C-60	160 W	**5700 K (Cool)**	23,000	144	**60°**	240 V @ 667 mA	182 (H) × 340 Ø	2,600 g
SHU24000C-90	160 W	**5700 K (Cool)**	25,000	156	**90°**	240 V @ 667 mA	182 (H) × 340 Ø	2,600 g
SHU24000W-60	160 W	**3000 K (Warm)**	21,400	134	**60°**	240 V @ 667 mA	182 (H) × 340 Ø	2,600 g
SHU24000W-90	160 W	**3000 K (Warm)**	23,200	145	**90°**	240 V @ 667 mA	182 (H) × 340 Ø	2,600 g

SMART CONTROL FEATURES

Built into the 160 W and 210 W models

Microwave Motion Sensor 5.8 GHz
Max. diameter 13 m @ 7.5 m height, 8 m @ 10 m height

Infrared Daylight Sensor
0–600 lux threshold

ZigBee Wireless Network Mesh
Communication distance up to 30 m

Easy Grouping without Gateway
Max. 30 units per group

3-Level Control
On / off and dimming

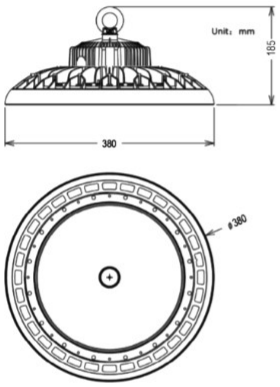
3-Year Warranty
Covers all SHU models

** ± 10 % Lux accuracy · Test environment @ 25 °C · Specifications subject to change without prior notice · Product images for illustration only.*

DIMENSIONAL DRAWINGS

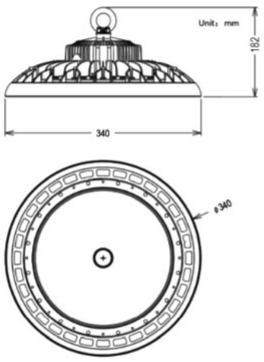
All models · Unit: mm · side and bottom views · luminous intensity per optic

SHU30000 210 W · Ø380



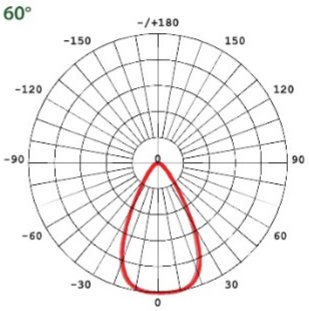
H 185 · Ø 380 mm

SHU24000 160 W · Ø340

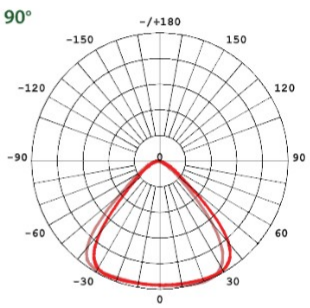


H 182 · Ø 340 mm

60° narrow



90° wide



HOW THE MOTION SENSOR WORKS

Microwave motion sensor + infrared daylight sensor



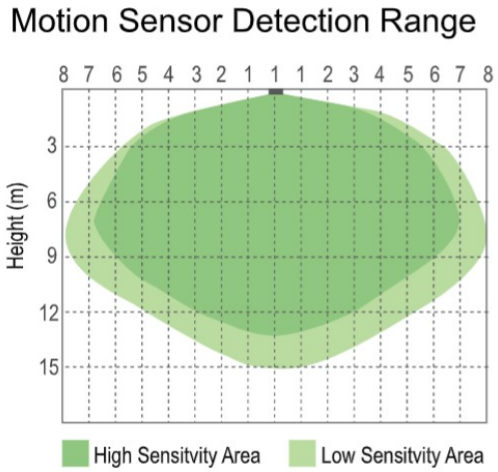
No motion detected — all lights are off.



Motion detected — the selected group is triggered on.

DETECTION RANGE & CONTROL

Gateway-free ZigBee mesh · up to 30 units per group



ZigBee Mesh Network
Up to 30 m between units

Zoning & Grouping
No gateway required

Adjustable Dimming
3-level on / off and dimming

Automatic On / Off
Daylight threshold 0–600 lux

** All dimensions in mm · Weights ± 5 % · Sensor ranges measured at 25 °C, ± 10 % accuracy.*

CARTON DIMENSIONS & WEIGHTS

Single-unit export carton · unit: mm / kg

ITEM	POWER	QTY	L	W	H	NETT WT.	M³
SHU24000	160 W	1	350	350	170	**3.10 kg**	0.021
SHU30000	210 W	1	400	400	170	**3.90 kg**	0.027

PALLET LOADING

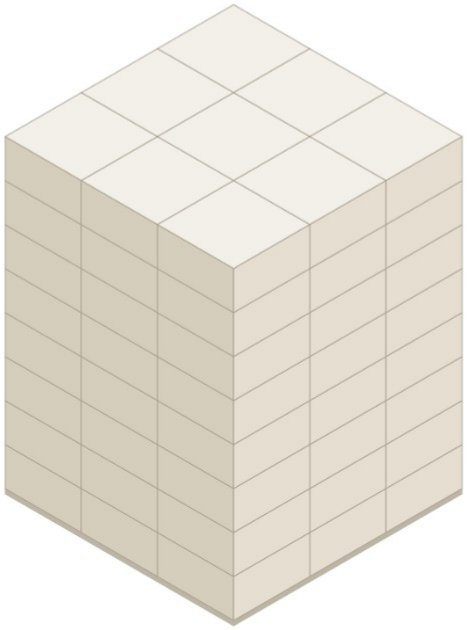
Block pallet 1,200 × 1,100 mm · max load height 1,700 mm

SHU24000

carton 350 × 350 × 170 mm

72 pcs / pallet

9 PER LAYER × 8 LAYERS



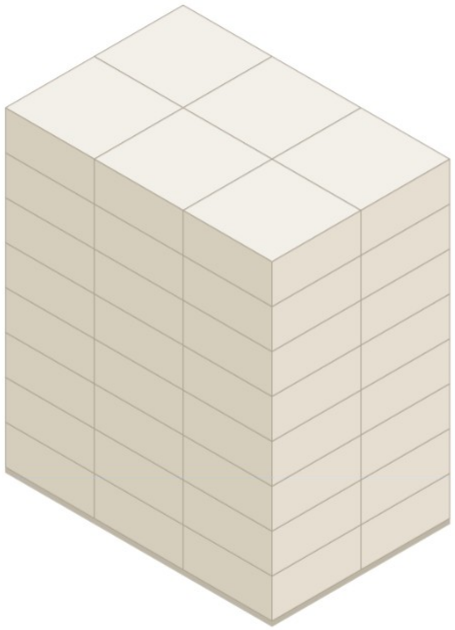
Load footprint	1,050 × 1,050 mm
Nett weight	223 kg
Stack height	1,360 mm
Volume	1.50 m³
With pallet	1,505 mm

SHU30000

carton 400 × 400 × 170 mm

48 pcs / pallet

6 PER LAYER × 8 LAYERS



Load footprint	1,200 × 800 mm
Nett weight	187 kg
Stack height	1,360 mm
Volume	1.31 m³
With pallet	1,505 mm

** Pallet plans assume a 145 mm block pallet 1,200 × 1,100 mm, cartons laid flat and stretch-wrapped · Carton dimensions and weights ± 5 %*