

LEDsave
LEADER OF SAVING

LED LIGHTING FOR HEAVY DUTY PURPOSE



LED LIGHTING CATALOGUE



LEDsave
LEADER OF SAVING



COMPANY PROFILE

LEDsave (THAILAND) CO., LTD manufactures and sells LED lighting in ASEAN. Originally, LEDsave was established in 2012 as joint venture between AMANO AND IMFAT. AMANO is a Japanese company developing industrial ventilation system, while IMFAT is a Thai company manufacturing electrical equipment for industrial use.

LEDsave aims to advance energy-saving technology and supports energy-saving policies for both public and private sectors. We continue to design and develop LED lighting technology to provide our customer with high-performance and durable products.

OUR VISION : "LEADER OF SAVING"

LEDsave strives to become the "Leader of Saving" by emphasizing on reduction of power consumption and environmental -friendly technology.



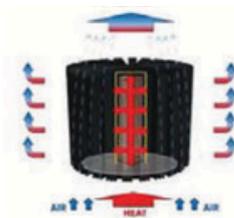
The Best Quality of LED Lighting Innovation : High quality of LED chip

Together with Japanese manufacturers, LEDsave continues to research and develop our LED chips to ensure that they are of high quality and able to serve heavy duty purpose.

CITIZEN

Our Mission : Supporting energy conservation projects

We put our effort to develop the technologies and give consultation on the topic of financial approval on energy conservation projects for private and industrial sectors.



Efficient Cooling System : Long life span

'Excellent Heat Sink' is high-performance cooling system created from copper and nanotechnology. This increases the efficiency of heat outflow which is two times faster than the general LED.

The Best Service : Provided by sophisticated lighting design

Apart from improving efficiency of LED, LEDsave also places an importance on providing high-quality service regarding lighting design and installation of lighting system (Dialux program).



CONTACT US

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LINE : @LEDsave

LED HIGH BAY G3

APPLICATIONS : Warehouse, Plants, Supermarket, Storage Room, Workshop, Factory, Stadium etc.



Designed by Japanese



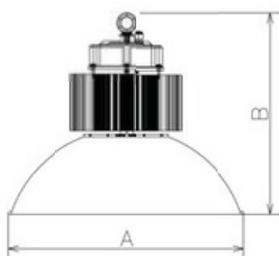
- ✓ HIGH QUALITY LED CHIP
- ✓ HIGH PERFORMANCE AND DURABLE
- ✓ EXCELLENT HEAT SINK
- ✓ ENERGY SAVING MORE THAN 50%
- ✓ LONG LIFE SPAN



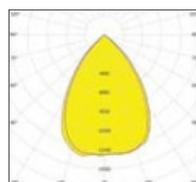
SPECIFICATION

PRODUCT MODEL	HB03-100N	HB03-120N	HB03-150N	HB03-200N	HB03-250N
POWER	100W	120W	150W	200W	250W
LUMEN	16,900 LM	19,800 LM	24,000 LM	31,200 LM	38,000 LM
LUMEN/WATT	169 LM/W	165 LM/W	160 LM/W	156 LM/W	152 LM/W
INPUT VOLTAGE	AC100-240V, 50-60 HZ				
SURGE PROTECTION	SURGE IMMUNITY LINE-EARTH 4KV, LINE-LINE 2KV				
POWER FACTOR	PF > 0.95 +/- 2%				
OPERATION TEMPERATURE	-40°C TO 70°C				
COLOR TEMPERATURE (CCT)	3,000 - 6,500 K				
COLOR RENDERING (RA)	CRI > 80				
MATERIAL	ALUMINIUM + CU				
BEAM ANGLE	60° / 120°				
IP RATE	IP 65				
THDI (%)	< 10%				
LIFE TIME	50,000 HRS				
DIMENSION (ØAXB MM)	Ø460X340	Ø460X340	Ø460X390	Ø460X410	Ø460X460
WEIGHT	3.5 KG	3.5 KG	4.3 KG	5 KG	5.9 KG

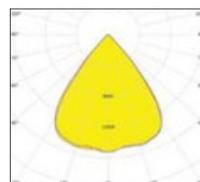
DIMENSION



PHOTOMETRIC DATA



BEAM ANGLE 60°



BEAM ANGLE 120°



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LED UFO HIGH BAY G4

APPLICATIONS : Warehouse, Plant, Supermarket, Storage Room, Workshop, Stadium etc.



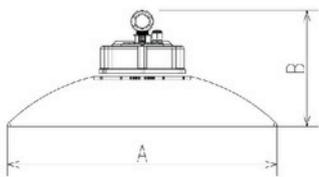
- ✓ HIGH QUALITY LED CHIP 170 LM/W
- ✓ HIGH PERFORMANCE AND DURABLE
- ✓ ENERGY SAVING MORE THAN 50%
- ✓ LONG LIFE SPAN



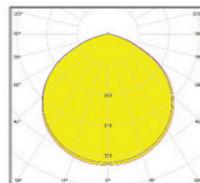
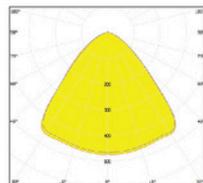
SPECIFICATION

PRODUCT MODEL	HB04-UFO-100N	HB04-UFO-120N	HB04-UFO-150N	HB04-UFO-200N
POWER	100W	120W	150W	200W
LUMEN	17,000 LM	20,400 LM	25,500 LM	34,000 LM
LUMEN/WATT	170 LM/W	170 LM/W	170 LM/W	170 LM/W
INPUT VOLTAGE	AC100-240V, 50-60 HZ			
SURGE PROTECTION	SURGE IMMUNITY LINE-EARTH 4KV, LINE-LINE 2KV			
POWER FACTOR	PF > 0.95 +/- 2%			
OPERATION TEMPERATURE	-40°C TO 70°C			
COLOR TEMPERATURE (CCT)	3,000 - 6,500 K			
COLOR RENDERING (RA)	CRI > 80			
MATERIAL	ALUMINIUM			
BEAM ANGLE	90°/ 120°			
IP RATE	IP 65			
THDI (%)	< 15%			
LIFE TIME	50,000 HRS			
DIMENSION (ØAXB MM)	Ø273X152	Ø320X200	Ø320X200	Ø380X200
WEIGHT	2.2 KG	4.5 KG	4.5 KG	5.0 KG

DIMENSION



PHOTOMETRIC DATA



BEAM ANGLE 90° BEAM ANGLE 120°



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LED HIGH MAST G3

APPLICATIONS : High Way, Golf Course,
Plant, Containers Parking, Stadium, Mine etc.



Designed by Japanese



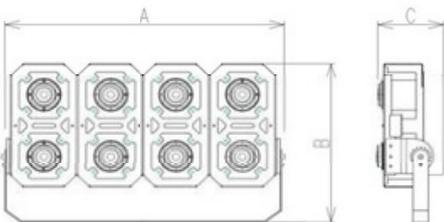
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- ✓ HIGH PERFORMANCE AND DURABLE
- ✓ EXCELLENT HEAT SINK
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- ✓ LONG LIFE SPAN



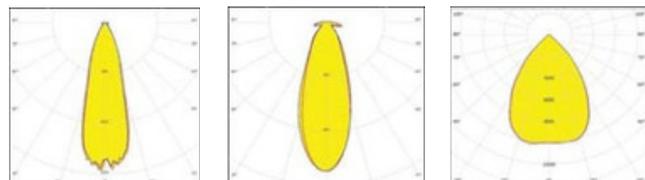
SPECIFICATION

PRODUCT MODEL	HM03-125N	HM03-250N	HM03-500N	HM03-800N	HM03-1000N	HM03-1500N
POWER	125W	250W	500W	800W	1000W	1500W
LUMEN	19,000 LM	38,000 LM	76,000 LM	121,600 LM	152,000 LM	228,000 LM
LUMEN/WATT	152 LM/W	152 LM/W	152 LM/W	152 LM/W	152 LM/W	152 LM/W
INPUT VOLTAGE	AC100-277V, 50-60 HZ					
SURGE PROTECTION	SURGE IMMUNITY LINE-EARTH 12KV, LINE-LINE 6KV					
POWER FACTOR	PF > 0.95 +/- 2%					
OPERATION TEMPERATURE	'- 40°C TO 70°C					
COLOR TEMPERATURE (CCT)	3,000 - 6,500 K					
COLOR RENDERING (RA)	CRI > 80					
MATERIAL	ALUMINIUM					
BEAM ANGLE	20° SPOT / 30° / 60°					
IP RATE	IP 65					
THDI (%)	< 15%					
LIFE TIME	50,000 HRS					
DIMENSION (AxBXC MM)	230X280X180	280X390X180	450X390X180	730X390X180	880X390X180	1310X390X180
WEIGHT	3.1 KG	5.8 KG	8.9 KG	14.2 KG	19 KG	27 KG

DIMENSION



PHOTOMETRIC DATA



BEAM ANGLE 20° BEAM ANGLE 30° BEAM ANGLE 60°
SPOT



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LED STREET LIGHT G4



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APPLICATIONS : High Way, Factory, Plant, Garden, Car Park etc.



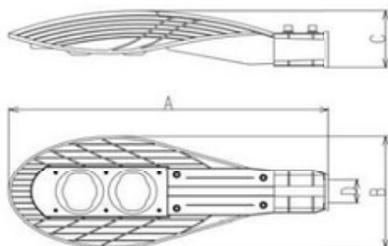
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- ✓ LONG LIFE SPAN



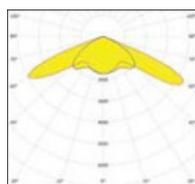
SPECIFICATION

PRODUCT MODEL	ST03-30N	ST03-50N	ST03-60N	ST03-120N	ST03-150N
POWER	30W	50W	60W	120W	150W
LUMEN	4,560 LM	7,600 LM	9,120 LM	18,240 LM	22,800 LM
LUMEN/WATT	152 LM/W	152 LM/W	152 LM/W	152 LM/W	152 LM/W
INPUT VOLTAGE	AC100-277V, 50-60 HZ				
SURGE PROTECTION	SURGE IMMUNITY LINE-EARTH 12KV, LINE-LINE 6KV				
POWER FACTOR	PF > 0.95 +/- 2%				
OPERATION TEMPERATURE	-40°C TO 70°C				
COLOR TEMPERATURE (CCT)	3,000 - 6,500 K				
COLOR RENDERING (RA)	CRI > 80				
MATERIAL	ALUMINIUM				
BEAM ANGLE	ASYMMETRIC				
IP RATE	IP 65				
THDI (%)	< 10%				
LIFE TIME	50,000 HRS				
DIMENSION (AXBXCXD MM)	530X250X100XØ50	530X250X100XØ50	530X250X100XØ50	670X250X100XØ64	790X290X130XØ64
WEIGHT	3.3 KG	3.3 KG	3.3 KG	4.9 KG	9 KG

DIMENSION



PHOTOMETRIC DATA



ASYMMETRIC



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LED TUBE T8 G3

APPLICATIONS : Office, Warehouse, Factory, Show Room, Hotel, Supermarket etc.



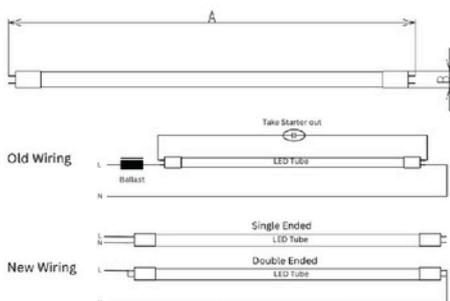
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- ✓ HIGH PERFORMANCE AND DURABLE
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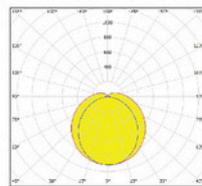
SPECIFICATION

PRODUCT MODEL	T8-9N	T8-16N	T8-18N	T8-22N
POWER	9W	16W	18W	22W
LUMEN	1,200 LM	2,100 LM	2,400 LM	3,200 LM
LUMEN/WATT	133 LM/W	131 LM/W	133 LM/W	145 LM/W
INPUT VOLTAGE	AC100-265V, 50-60 HZ			
POWER FACTOR	PF > 0.95 +/- 2%			
OPERATION TEMPERATURE	- 30°C TO 50°C			
COLOR TEMPERATURE (CCT)	3,000 - 6,500 K			
COLOR RENDERING (RA)	CRI > 80			
MATERIAL	ALUMINIUM + PC			
BEAM ANGLE	140°			
IP RATE	IP 30			
THDI (%)	< 15%			
LIFE TIME	50,000 HRS			
DIMENSION (AXØB MM)	600XØ26	1200XØ26	1200XØ26	1200XØ26
WEIGHT	180 G	300 G	300 G	300 G

DIMENSION



PHOTOMETRIC DATA



BEAM ANGLE 140°



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LED FLOOD LIGHT G3

APPLICATIONS : Highway, Boulevard, Sidewalk, School, Residential, Industrial Park, Public Areas etc.



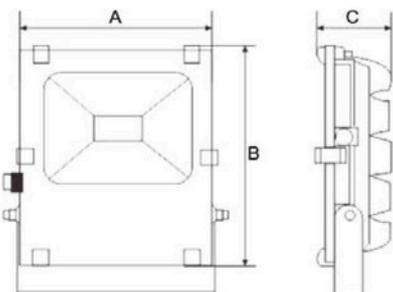
- ✓ HIGH QUALITY LED CHIP
- ✓ HIGH PERFORMANCE AND DURABLE
- ✓ ENERGY SAVING MORE THAN 50%
- ✓ LONG LIFE SPAN



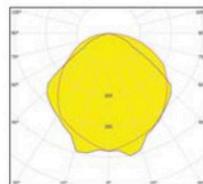
SPECIFICATION

PRODUCT MODEL	FL03-30N	FL03-50N	FL03-100N	FL03-150N
POWER	30W	50W	100W	150W
LUMEN	3,000 LM	5,000 LM	10,000 LM	15,000 LM
LUMEN/WATT	100 LM/W	100 LM/W	100 LM/W	100 LM/W
INPUT VOLTAGE	AC85-265V, 50-60 HZ			
SURGE PROTECTION	SURGE IMMUNITY LINE-EARTH 6KV, LINE-LINE 4KV			
POWER FACTOR	PF > 0.95 +/- 2%			
OPERATION TEMPERATURE	-40°C TO 70°C			
COLOR TEMPERATURE (CCT)	3,000 - 6,500 K			
COLOR RENDERING (RA)	CRI > 75			
MATERIAL	ALUMINIUM			
BEAM ANGLE	120°			
IP RATE	IP 65			
THDI (%)	< 15%			
LIFE TIME	50,000 HRS			
DIMENSION (AXBXC MM)	210X170X60	240X210X60	285X255X80	345X310X85
WEIGHT	1.2 KG	1.7 KG	3.2 KG	4.7 KG

DIMENSION



PHOTOMETRIC DATA



BEAM ANGLE 120°



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LED SHOEBOX FLOOD LIGHT

APPLICATIONS : Illuminating Large Fields, Tall or Wide Buildings, Car Park, Sport Field etc.



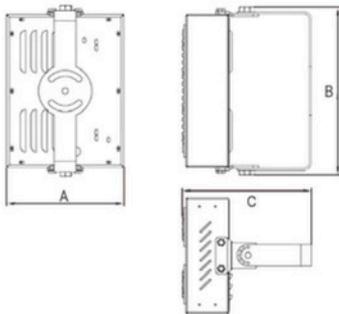
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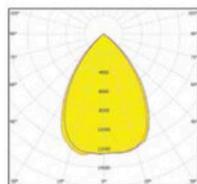
SPECIFICATION

PRODUCT MODEL	FL03-100N-S	FL03-150N-S	FL03-200N-S	FL03-300N-S	FL03-400N-S	FL03-500N-S
POWER	100W	150W	200W	300W	400W	500W
LUMEN	13,000 LM	19,500 LM	26,000 LM	39,000 LM	54,000 LM	65,000 LM
LUMEN/WATT	130 LM/W	130 LM/W	130 LM/W	130 LM/W	130 LM/W	130 LM/W
INPUT VOLTAGE	AC100-277V, 50-60 HZ					
SURGE PROTECTION	SURGE IMMUNITY LINE-EARTH 12KV, LINE-LINE 6KV					
POWER FACTOR	PF > 0.95 +/- 2%					
OPERATION TEMPERATURE	-40°C TO 70°C					
COLOR TEMPERATURE (CCT)	3,000 - 6,500 K					
COLOR RENDERING (RA)	CRI > 80					
MATERIAL	ALUMINIUM					
BEAM ANGLE	30° / 60° / 90°					
IP RATE	IP 66					
THDI (%)	< 15%					
LIFE TIME	100,000 HRS					
DIMENSION (A X B X C MM)	220X316X242	329X316X242	316X439X242	340X614X296	470X644X361	609X675X361
WEIGHT	3.6 KG	4.5 KG	5.5 KG	7.4 KG	9.3 KG	11.2 KG

DIMENSION



PHOTOMETRIC DATA



BEAM ANGLE 60°



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LED CANOPY LIGHT

APPLICATIONS : Gas Station, Tunnel, Garage,
Parking Areas, Buildings, Walkways and Entryways etc.



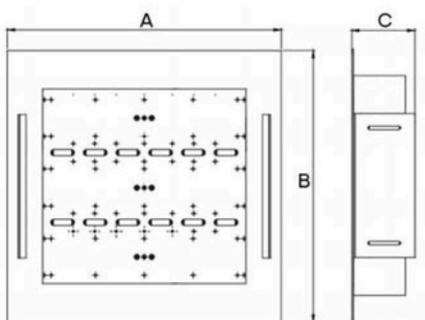
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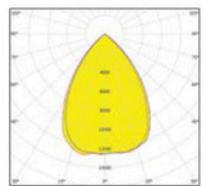
SPECIFICATION

PRODUCT MODEL	FL03-100N-C	FL03-150N-C
POWER	100W	150W
LUMEN	13,000 LM	19,500 LM
LUMEN/WATT	130 LM/W	130 LM/W
INPUT VOLTAGE	AC120-277V, 50-60 HZ	
SURGE PROTECTION	SURGE IMMUNITY LINE-EARTH 10KV, LINE-LINE 6KV	
POWER FACTOR	PF > 0.95 +/- 2%	
OPERATION TEMPERATURE	-40°C TO 50°C	
COLOR TEMPERATURE (CCT)	3,000 - 6,500 K	
COLOR RENDERING (RA)	CRI > 70	
MATERIAL	ALUMINIUM	
BEAM ANGLE	90°	
IP RATE	IP 65	
THDI (%)	< 10%	
LIFE TIME	50,000 HRS	
DIMENSION (AXBXC MM)	335X335X85	335X335X85
WEIGHT	3.6 KG	4.5 KG

DIMENSION



PHOTOMETRIC DATA



BEAM ANGLE 90°



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LED STADIUM LIGHT G3

APPLICATIONS : Large Areas, Port and Rail Centers, Airport, Internal or External Sports etc.



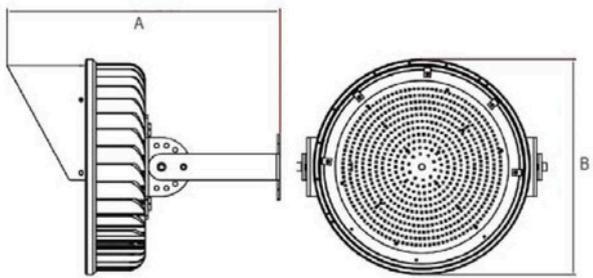
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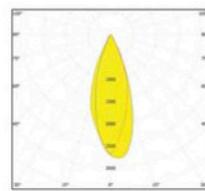
SPECIFICATION

PRODUCT MODEL	SD-300N	SD-500N	SD-600N	SD-800N
POWER	300W	500W	600W	800W
LUMEN	41,642 LM	58,137 LM	74,669 LM	85,800 LM
LUMEN/WATT	138 LM/W	116 LM/W	124 LM/W	107 LM/W
INPUT VOLTAGE	AC120-277V, 50-60 HZ			
SURGE PROTECTION	SURGE IMMUNITY LINE-EARTH 12KV, LINE-LINE 6KV			
POWER FACTOR	PF > 0.95 +/- 2%			
OPERATION TEMPERATURE	-40°C TO 55°C			
COLOR TEMPERATURE (CCT)	3,000 - 6,500 K			
COLOR RENDERING (RA)	CRI > 75			
MATERIAL	ALUMINIUM			
BEAM ANGLE	60° / 90°	15° / 30°		
IP RATE	IP 65			
THDI (%)	< 15%			
LIFE TIME	100,000 HRS			
DIMENSION (AXØB MM)	415.5XØ330	555.3XØ460	555.3XØ460	555.3XØ460
WEIGHT	9.17 KG	18 KG	19.5 KG	23.5 KG

DIMENSION



PHOTOMETRIC DATA



BEAM ANGLE 30°



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LINE : @LEDsave

LED STREET LIGHT SOLAR 50W

APPLICATIONS : High Way, Factory, Plant, Garden, Car Park etc.



- ✓ HIGH QUALITY LED CHIP
- ✓ HIGH PERFORMANCE AND DURABLE
- ✓ ENERGY SAVING 100%
- ✓ LONG LIFE SPAN



SPECIFICATION

PRODUCT MODEL	ST04-50SL
POWER	50W
INPUT VOLTAGE	3.2 VDC
LED SHIP	SMD2835 / 150 CHIP
LED SHIP LIFE SPAN	50,000 HRS.
SOLAR PANEL	POLYCRYSTALLINE 4V 50W
BATTERY TYPE	LiFePO4 3.2V 50Ah
CHARGING TIME	4 - 6 HRS.
DISCHARGING TIME	12 HRS.
COLOR TEMPERATURE (CTT)	3000K - 6500K
MATERIAL	ALUMINIUM
IP RATE	IP 65
PV DIMENSION	670X445X25 MM
LED STREET LIGHT DIMENSION	500X210X80 MM
WARRANTY	1 YEAR



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OUR DOMESTIC CUSTOMER



OUR INTERNATIONAL CUSTOMER



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