



**KANG SAN
LIGHTING Co., Ltd.**



Company Introduction



A forthcoming future heads toward a more comfortable and pleasant living environment. Especially, the trend of time that demands improvement in living environment through diversity and change of lighting becomes keen more than ever.

Hence this company based on outstanding technical know-how would like to provide the highest caliber of products and services which can satisfy a customer's needs by supplying the patented products such as a variety of streetlight poles, park lamp poles etc to the Excellent Products and General Shopping Mall of Korea ON-Line E-Procurement System.

Kangsan Lighting Co Ltd swears energetic strides for the future of brighter lighting industry, and promises to be a standard-bearer of lighting industry that does not go back on trust with all of customers. Thank you.

History

2015	<ul style="list-style-type: none"> • High efficiency (LED streetlight and guard lamp) was certified. Korea Energy Agency. • Gets a permit of KS indication (LED streetlight and guard lamp) [Korea Standards Association]
2014	<ul style="list-style-type: none"> • Acquires a group certificate (stainless streetlight pole, iron streetlight pole, accessory materials of streetlight pole)
2013	<ul style="list-style-type: none"> • A reflecting shade of high intensity of illumination (lamp for a terminal). Korea Energy Agency • High efficiency (ceramic metallic halide lamp and ballast) was certified. Korea Energy Agency
2012	<ul style="list-style-type: none"> • Establishes a company-annexed research institute
2009	<ul style="list-style-type: none"> • Acquires Eco-Friendly Mark
2008	<ul style="list-style-type: none"> • Streetlight (lamp, ballast, streetlight and streetlight pole) acquires the excellent product certificate of Public Procurement Service • Enters into a goods agreement of excellent product, compound numbers suppliers with Korea ON-Line E-Procurement System of Public Procurement Service • Gets a permit of KS indication (metallic halide lamp and ballast for high efficiency) [Korea Standards Association] • Acquires a certificate of high efficiency (metallic lamp and ballast) [Korea Energy Agency]
1999	<ul style="list-style-type: none"> • Enterprise registration [National Tax Service Choongju District Office]
1997	<ul style="list-style-type: none"> • Finds a corporate of Kangsan Lighting Co Ltd

Commendation

- 2008. 09 Commendation of the Administrator of Public Procurement Service (for contributing to quality improvement development of procurement article)
- 2006. 05 Commendation of the Chairman of Korea Federation of SMEs (for contributing to development of small & medium-sized firms)



Product Description

- One module consists of 20 LED chips. One module has 25W performance and products are manufactured as multiples of 25W.
- Each module is connected to the driver through a cable.
- Solves heat generation problem by self heat radiation of each module
- Diffuses light by covering a LED chip with a lens
- LED modules are supplied by Samsung as completed products, and our products are equipped with them.
- Driver – IP 68, completed product – IP65



Advantages of Product

Bottom of lamp housing can be opened and separated as shown in the picture, so it is easy and takes low cost to repair defects by replacing just the LED module, separating the cable from the driver. Existing LED products are not made as a module so that the whole product should be replaced, which takes much cost.

Section	Date	Title of invention	Patent No.
Patent certificate	2002.07.23	Lamp socket connection structure that adopts a coupling method of a vehicle cigarette jack	No. 0347475
	2004.08.30	A self-diagnosis lighting circuit of ballast for a discharge lamp	No. 0447796
	2005.03.04	Street light	No. 0476464
	2006.09.04	A self-diagnosis lighting circuit of ballast for a discharge lamp	No. 10-0622310
	2006.09.04	A self-diagnosis lighting circuit of ballast for a discharge lamp	No. 10-0622311
	2006.09.11	Unspecific direction hinge structure of streetlight form facilities	No. 10-0625198
	2007.04.03	Streetlight possible to regulate light emitting direction	No. 10-0705353
	2012.06.08	A lamp for a tunnel	No. 10-1156549
Registration of utility model	2000.12.01	Ballast for a discharge lamp	No. 0213362
	2002.03.21	Connecting structure of a lamp	No. 0270615
Registration of design	2003.06.09	Streetlight	No. 0326802
Registration of design	2007.02.27	An arm for a streetlight	No. 30-0442260
	2007.03.06	A lamp one body type ballast	No. 30-0443109
Registration of similar design	2007.02.27	An arm for a streetlight	Yusa No. 1

Products

IR25W, 50W



- Adjust up, down angle
- Adjust left, right with pipe
- Small and light weight
- Suitable for narrow and complicated wire area
- 25W – 3.2kg, 50W – 3.4kg
- 310mm X 250mm X 205mm

HS25W, 50W, 75W



- Adjust up, down angle
- Adjust left, right with a pipe like pictures above
- Small and light weight
- 25W – 2.7kg, 50W – 3.1kg, 75W – 3.4kg
- Ø355 X 200mm

SSL25W, 50W



- Streamlined design
- popular products in Seoul
- 25W – 4.8kg, 50W – 5.1kg
- 660mm X 260mm X 100mm

SSL75W, 100W



- Streamlined design
- popular products in Seoul
- 75W – 7.8kg, 100W – 8.1kg
- 870mm X 330mm X 145mm

Module – 25W



For security light



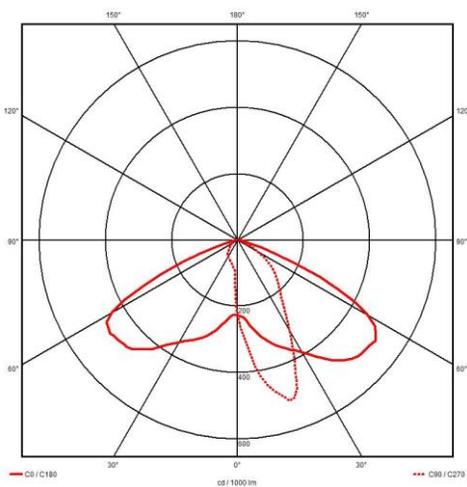
For street light

Specification

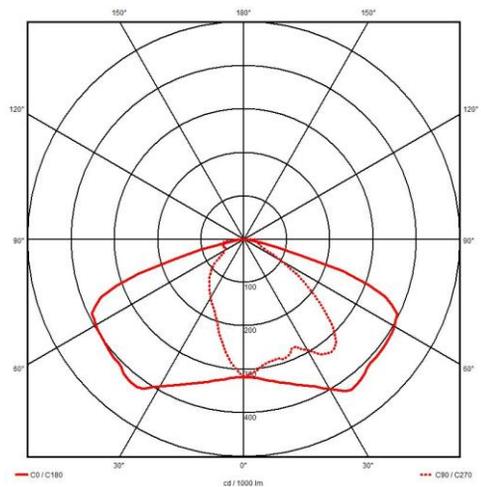
Power	25W	50W	75W	100W
Efficiency	125 lm/W	130 lm/W	130 lm/W	130 lm/W
CCT	3000~5000	3000~5000	3000~5000	3000~5000
CRI	Over 80	Over 80	Over 80	Over 80
PF	Over 0.9	Over 0.95	Over 0.95	Over 0.95
LED PKG	Samsung	Samsung	Samsung	Samsung
IP	65	65	65	65

Light Distribution

Security Light



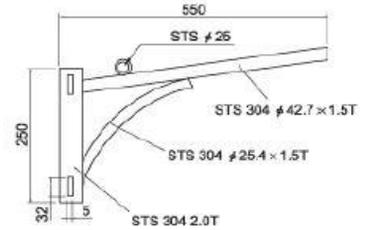
Street Light



Security Light Arm

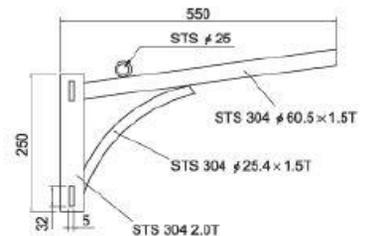
KSFA-15

Weight : 2.02 kg / Material : Stainless Steel



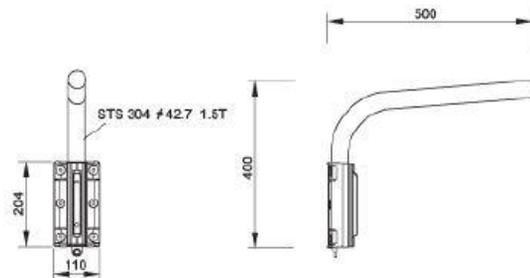
KSFA-16

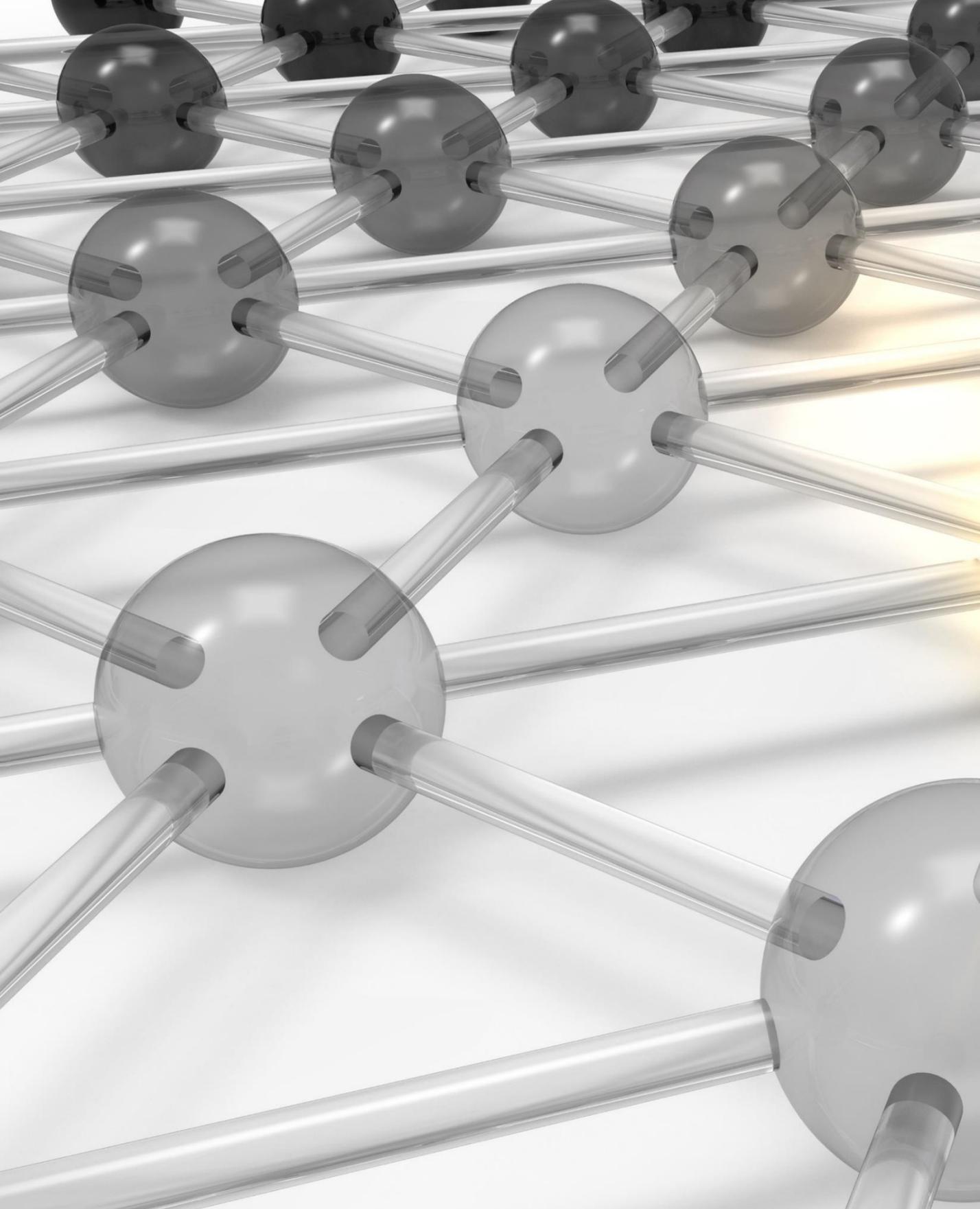
Weight : 2.66 kg / Material : Stainless Steel



KSFA-40 (Height, Length, Left, and Right control)

Weight : 1.96 kg / Material : Stainless Steel





108-5, Daeseong-ro 380beon-gil, Samseong-myeon,
Eumseong-gun, Chungcheongbuk-do , (27654) Korea

Tel +82-43-881-1261
Fax +82-43-881-1264
E-Mail kslight@kslight.co.kr
Web site <http://www.kslight.co.kr>