

KSB

Korea System Business



The Highest Quality!

The Best Technology!

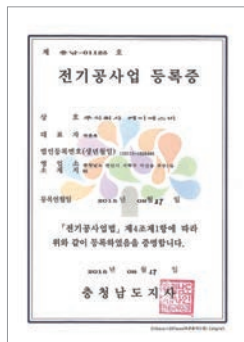
The Best Customer Service!



Certificates



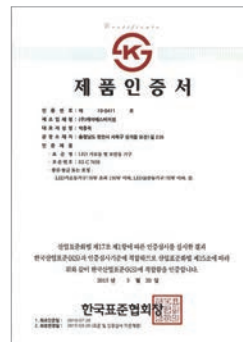
Information and communications construction business



Electrical Construction Business



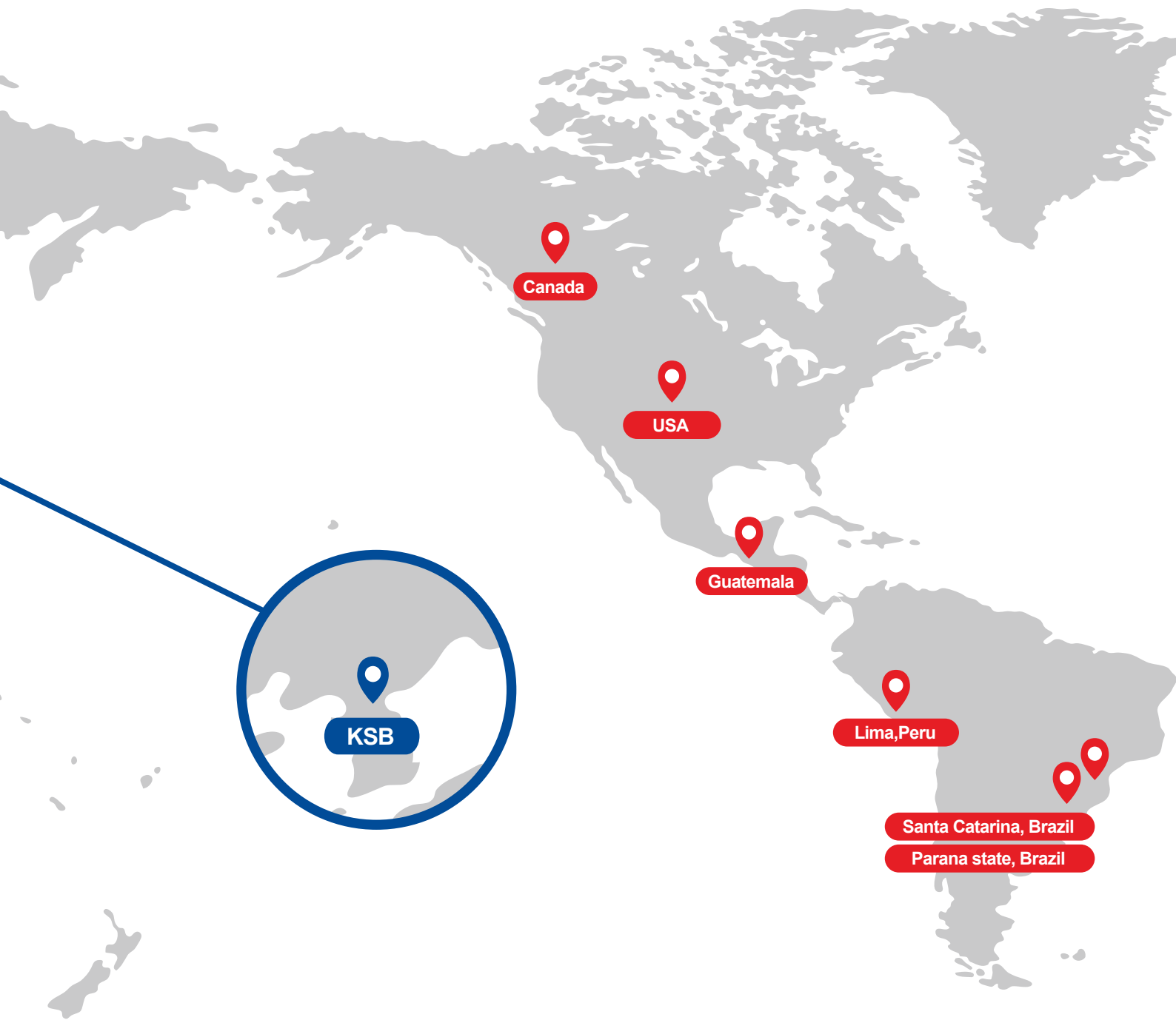
Energy Service Company (ESCO)



KS Certificate



Venture company Registration Certificate



R&D Center Certificate



INNO-BIZ



MAIN-BIZ



ISO 9001



ISO 14001

Products

Outdoor

06 LED Road Light
KSB-LC



07 LED Street Light
KSB-LD



09 LED Road Light
KSB-LE



12 LED Street Light
KSB-LE



15 LED Road Light
KSB-LE A (AC Direct)



17 LED Street Light
KSB-LE A (AC Direct)



19 LED Road Light
KSB-LG (AC Direct)



21 LED Street Light
KSB-LG (AC Direct)



22 LED Security Light
KSB-LHC



23 LED Security Light
KSB-VBC



24 LED Landscape Light
KSB-VB



25 LED Canopy Light
KSB-CA

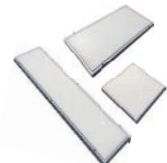


Indoor

26 LED Pannel Light
Edge-type



27 LED Pannel Light
Direct-type



28 LED Down Light



29 LED Parking Light



30 LED Highbay Light



27 LED Explosion
proof Light

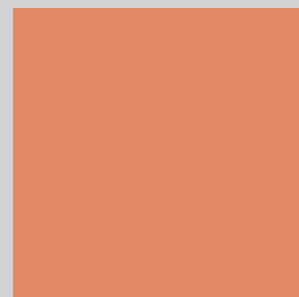
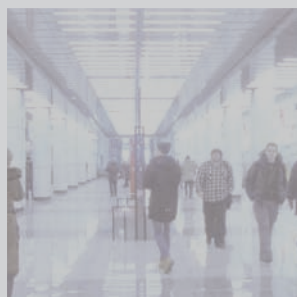


Converter

32 LED Converter Indoor



33 Outdoor



DID

38 Indoor DID Series FULL-HD Portrait



39 Indoor DID Series Touch Screen Kiosk



Indoor DID Series Multi Vision



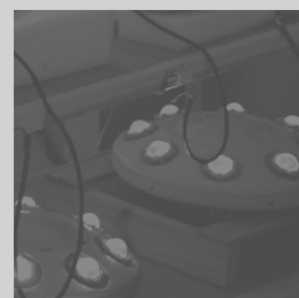
40 Outdoor DID Series Outdoor Display



41 Outdoor DID Series Other Products



ABOUT



Out
Door

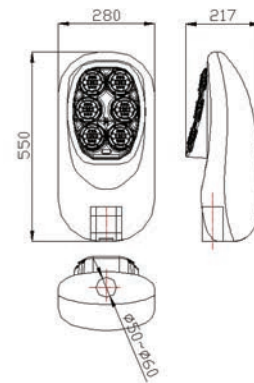
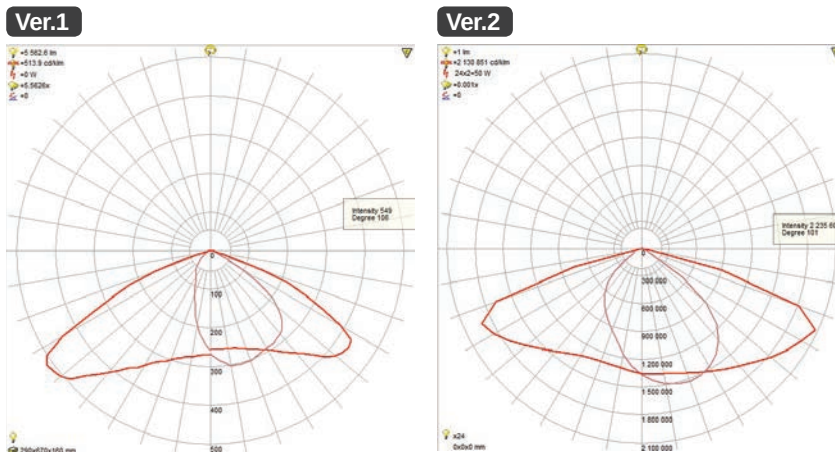
KSB-LC50/70

LED Road Light



Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve



Packing Type 1unit(s) / ctn.
Packing Dimension L630xW345xH360
Packing Weigh 11.3Kg

Specifications



소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
50/ 70	-40~+50	AC 100-240V, 50/60Hz	5,000/5,700	> 0.95	5,500/ 7,700	110	> 75	550x280x217	8.2	Aluminum Die casting

KSB-LD100

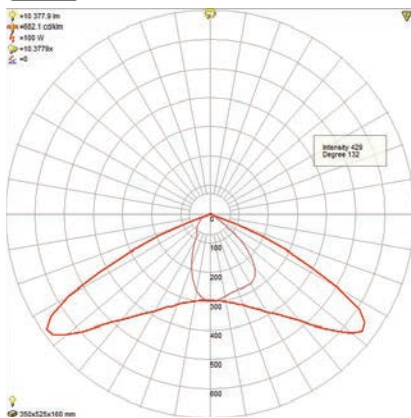
LED Street Light



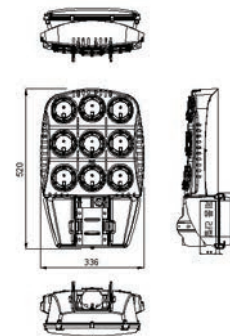
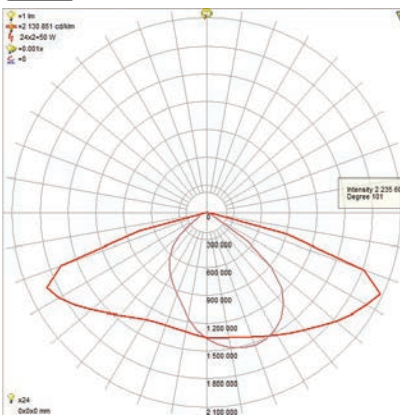
Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve

Ver.1



Ver.2



Packing Type	1unit(s) / ctn.
Packing Dimension	L577xW395xH254
Packing Weight	10.65/10.45Kg

Specifications



소비전력 (W) Power Consumption	사용온도 (℃) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF) Power Factor	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
100	-40~+50	AC 100-240V, 50/60Hz	5,000/5,700	> 0.95	10,000	110	> 75	520x336x174	8.8/8.6	Aluminum Die casting

Out
Door

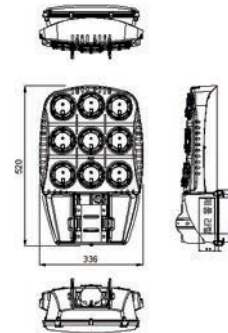
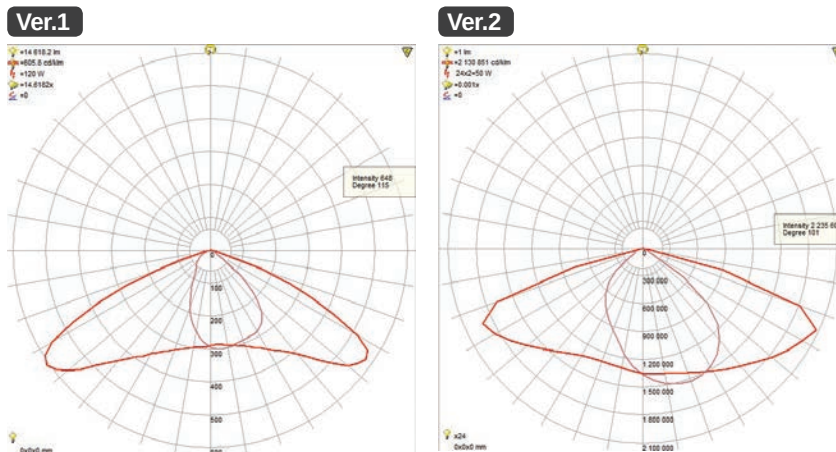
KSB-LD120/130/150

LED Street Light



Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve



Packing Type 1unit(s) / ctn.
Packing Dimension L577xW395xH254
Packing Weigh 11/10.65Kg

Specifications



소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
120/ 130/ 150	-40~+50	AC 100-240V, 50/60Hz	5,000/5,700	> 0.95	13,200/ 14,300/ 16,500	110	> 75	520x336x174	9.34/8.85	Aluminum Die casting

Out
Door

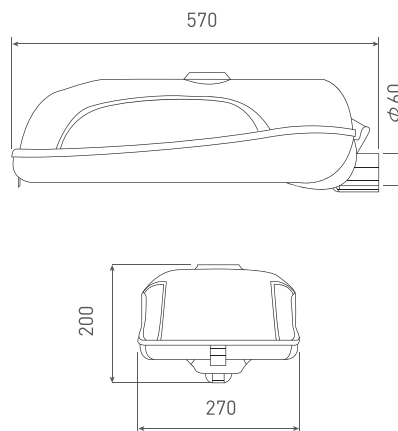
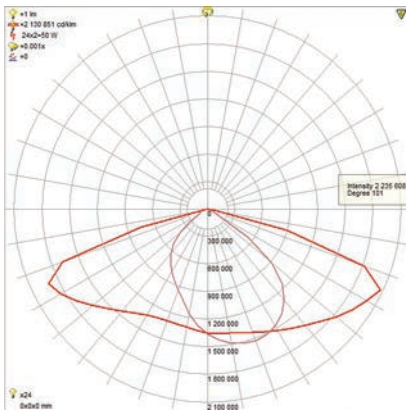
KSB-LE40/50/60

LED Road Light



Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve



Packing Type 1unit(s) / ctn.
Packing Dimension L640xW320xH245
Packing Weight 6.3Kg

Specifications



소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
40/50/60	-40~+50	AC 100-240V, 50/60Hz	5,000/5,700	> 0.95	4,400/ 5,500/ 6,600	110	> 75	570x270x200	5.1	Aluminum Die casting

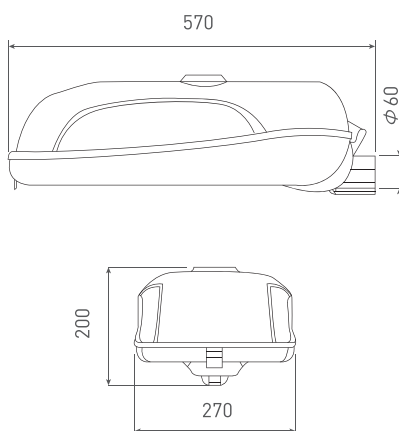
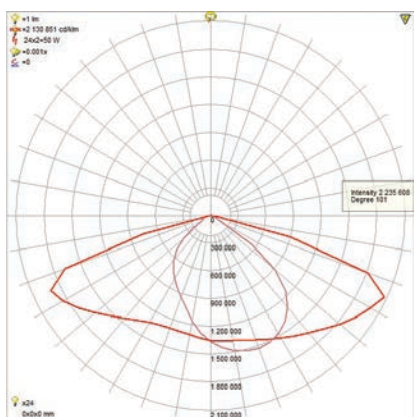
KSB-LE70/80

LED Road Light



Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve



Packing Type	1unit(s) / ctn.
Packing Dimension	L640xW320xH245
Packing Weight	7.1Kg

Specifications



IP65



소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
70/80	-40~+50	AC 100-240V, 50/60Hz	5,000/5,700	> 0.95	7,700/ 8,800	110	> 75	570x270x200	5.7	Aluminum Die casting

Out
Door

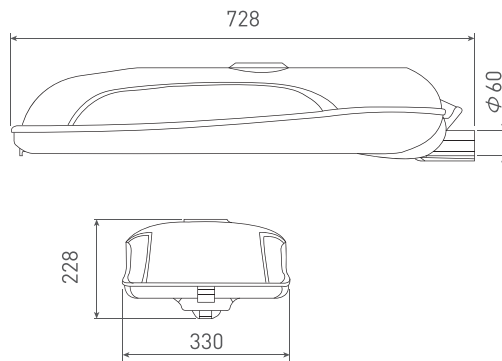
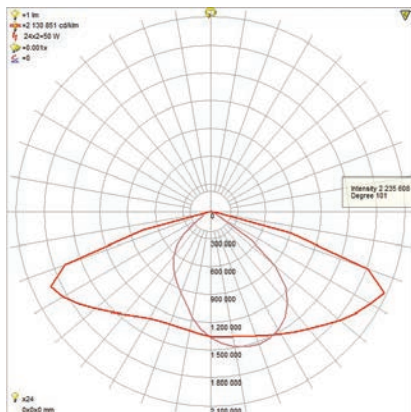
KSB-LE90/100

LED Street Light



Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve



Packing Type 1unit(s) / ctn.
Packing Dimension L820xW390xH290
Packing Weigh 9.1kg

Specifications



소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
90/100	-40~+50	AC 100-240V, 50/60Hz	5,000/5,700	> 0.95	9,900/ 11,000	110	> 75	728X330X228	7.4	Aluminum Die casting

Out
Door

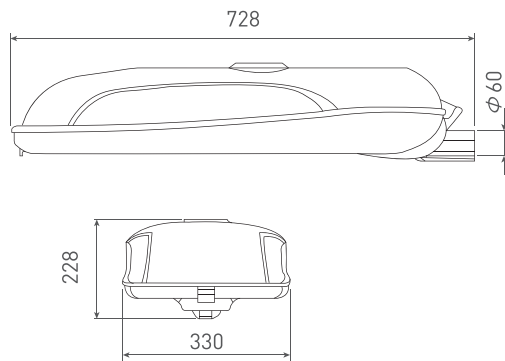
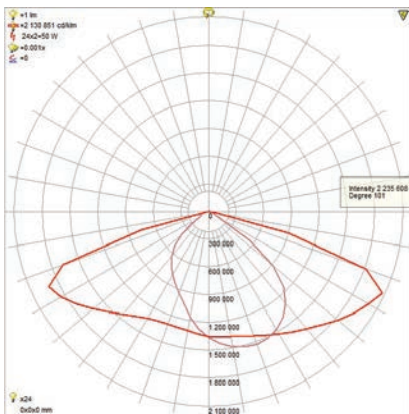
KSB-LE140/150/160

LED Street Light



Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve



Packing Type 1unit(s) / ctn.
Packing Dimension L820xW390xH290
Packing Weigh 9.9Kg

Specifications



소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
140/ 150/ 160	-40~+50	AC 100-240V, 50/60Hz	5,000/5,700	> 0.95	15,400/ 16,500/ 17,600	110	> 75	728X330X228	8.2	Aluminum Die casting

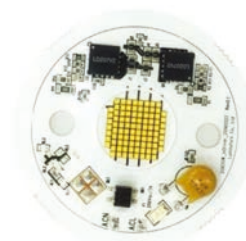
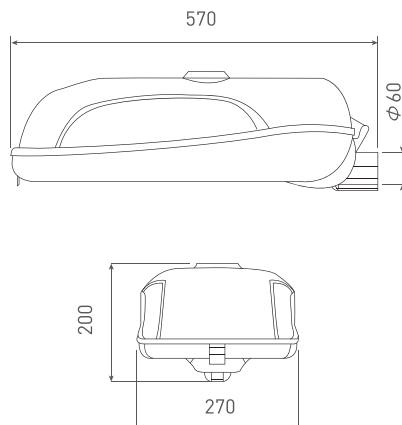
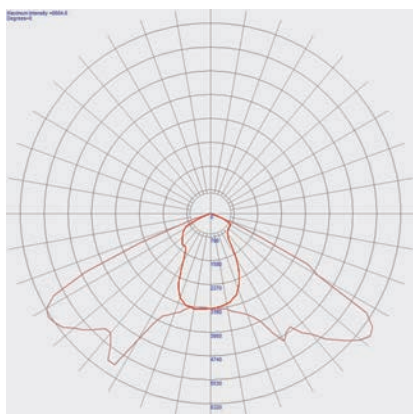
KSB-LE30/40/50A

AC Direct LED Road Light



Over Voltage Protection
Over Heat Protection
Option : 10KV Surge Protection
0-10V Dimming

Distribution Curve



AC 30W~50W DOB
Engine Module

Packing Type	1unit(s) / ctn.
Packing Dimension	L640xW320xH245
Packing Weigh	5.7Kg

Specifications

소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
30/40/50	-40~+50	AC 220-240V, 50/60Hz	5,700	> 0.95	3,000/ 4,000/ 5,000	100	> 80	570x270x200	4.5	Aluminum Die casting

Out
Door

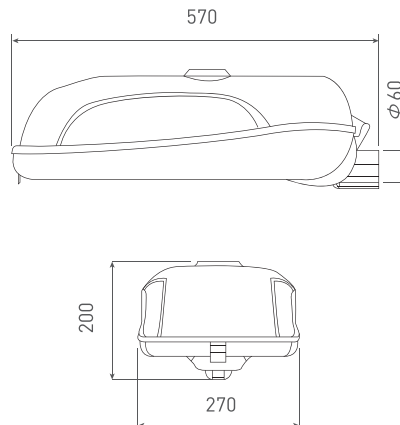
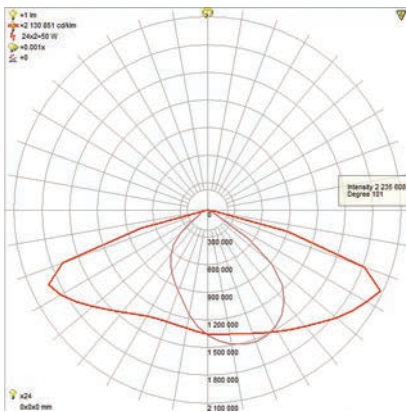
KSB-LE60/80A

AC Direct LED Road Light



Over Voltage Protection
Over Heat Protection
Option : 10KV Surge Protection
0-10V Dimming

Distribution Curve



AC 30W~40W DOB
Engine Module

Packing Type 1unit(s) / ctn.
Packing Dimension L640xW320xH245
Packing Weight 6.3Kg

Specifications

소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
60/80	-40~+50	AC 220-240V, 50/60Hz	5,700	> 0.95	6,000/ 8,000	100	> 80	570X270X200	5.1	Aluminum Die casting

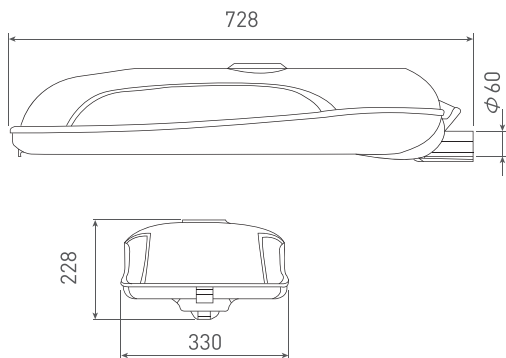
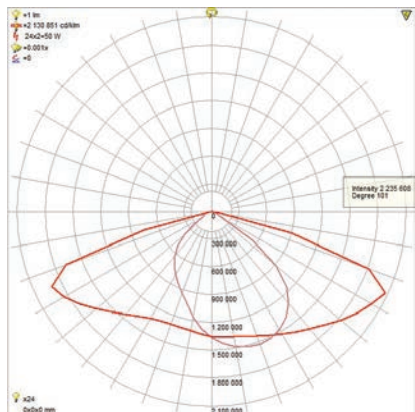
KSB-LE90/120/150A

AC Direct LED Street Light



Over Voltage Protection
Over Heat Protection
Option : 10KV Surge Protection
0-10V Dimming

Distribution Curve



AC 30W~50W DOB
Engine Module

Packing Type 1unit(s) / ctn.
Packing Dimension L820xW390xH290
Packing Weight 9.1Kg

Specifications

소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
90/120/150	-40~+50	AC 220~240V, 50/60Hz	5,700	> 0.95	9,000/ 12,000/ 15,000	100	> 80	728X330X228	7.4	Aluminum Die casting

Out
Door

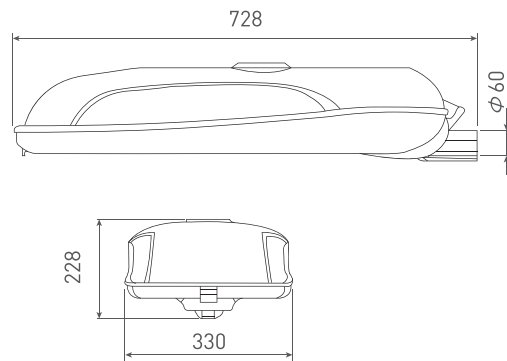
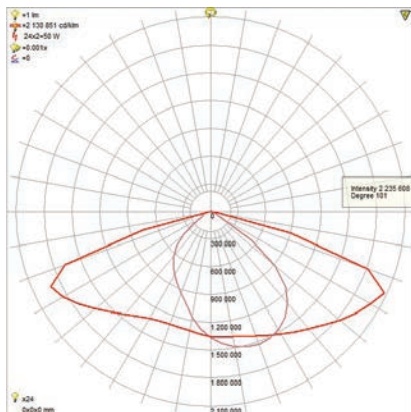
KSB-LE120/160A

AC Direct LED Street Light



Over Voltage Protection
Over Heat Protection
Option : 10KV Surge Protection
0-10V Dimming

Distribution Curve



AC 30W~40W DOB
Engine Module

Packing Type	1unit(s) / ctn.
Packing Dimension	L820xW390xH290
Packing Weight	9.5Kg

Specifications

소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
120/160	-40~+50	AC 220~240V, 50/60Hz	5,700	> 0.95	12,000/ 16,000	100	> 80	728X330X228	7.8	Aluminum Die casting

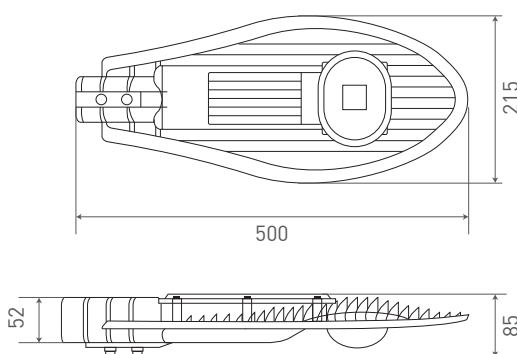
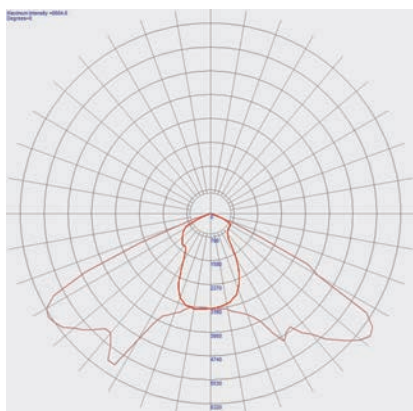
KSB-LG30/40/50A

AC Direct LED Road Light



Over Voltage Protection
Over Heat Protection
Option : 10KV Surge Protection
0-10V Dimming

Distribution Curve



AC 30W~50W DOB
Engine Module

Packing Type	1unit(s) / ctn.
Packing Dimension	L540xW250xH120 (30/40W) L630xW300xH140 (40/50W)
Packing Weigh	2.6Kg (30/40W) 3.3Kg (40/50W)

Specifications

소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
30/40/50	-40~+50	AC 220-240V, 50/60Hz	5,700	> 0.95	3,000/ 4,000/ 5,000	100	> 80	500x210x80 620x260x95	2 2.7	Aluminum Die casting

Out
Door

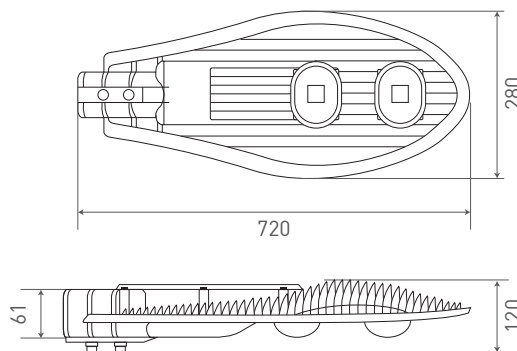
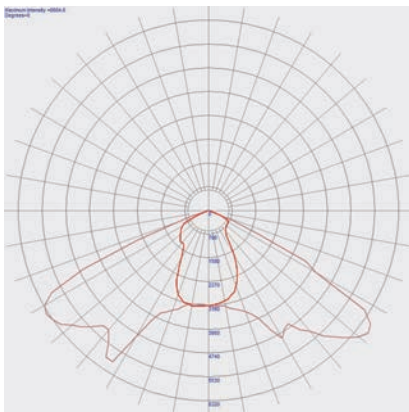
KSB-LG60/80/100A

AC Direct LED Road Light



Over Voltage Protection
Over Heat Protection
Option : 10KV Surge Protection
0-10V Dimming

Distribution Curve



AC 30W~50W DOB
Engine Module

Packing Type 1unit(s) / ctn.
Packing Dimension L780xW300xH140
Packing Weigh 5.4Kg

Specifications

소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
60/80/100	-40~+50	AC 220-240V, 50/60Hz	5,700	> 0.95	6,000/ 8,000/ 10,000	100	> 80	720x270x90	4.6	Aluminum Die casting

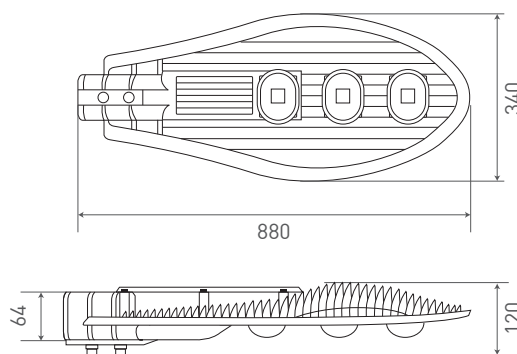
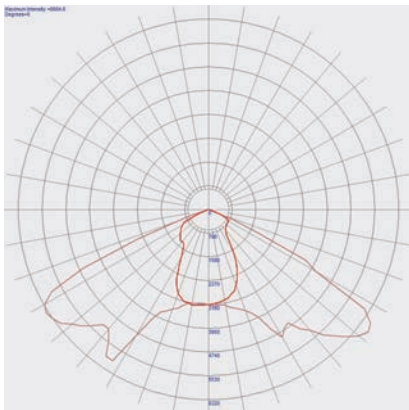
KSB-LG90/120/150A

AC Direct LED Street Light



Over Voltage Protection
Over Heat Protection
Option : 10KV Surge Protection
0-10V Dimming

Distribution Curve



AC 30W~50W DOB
Engine Module

Packing Type	1unit(s) / ctn.
Packing Dimension	L910xW370xH140 (90/120W) L970xW375xH140 (120/150W)
Packing Weigh	7.2Kg (90/120W) 9.5Kg(120/150W)

Specifications

소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
90/120/150	-40~+50	AC 220-240V, 50/60Hz	5,700	> 0.95	9,000/ 12,000/ 15,000	100	> 80	880x345x110 950x350x95	6.4 7.4	Aluminum Die casting

KSB-LH30/40/50/60C(CCTV)

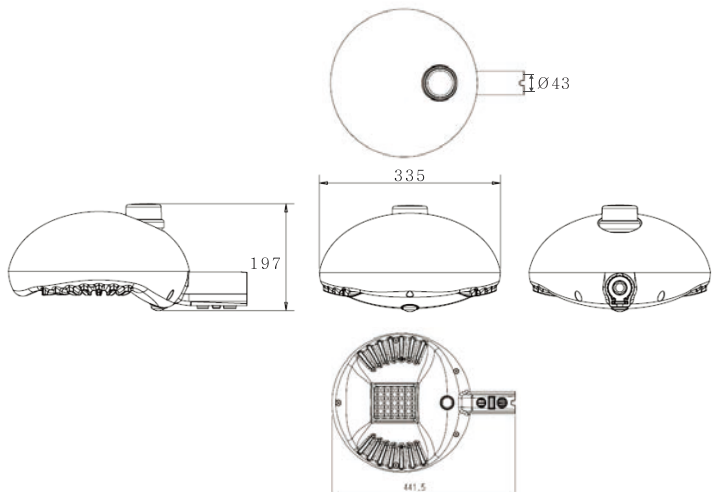
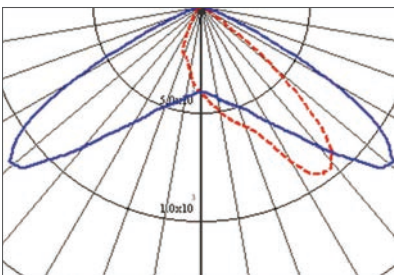
LED Security Light



Feature

- LED : LG G2 / XTE S2 / LG G4
- IP Camera, 1080p (1920x1080)@30fps, HD-SDI
- Polycarbonate material 1.4kg ultralight case
- Photo Sensor : ANSI C136.10 / 24V 7Ah / IP67
- WiFi AP : 802.11

Distribution Curve



Specifications

소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
30/ 40/ 50/ 60	-40~+50	AC 220V, 60Hz	5,500/6,500	> 0.95	3,527/ 4,610/ 6,043/ 6,993	117/ 115/ 121/ 117	> 75	335X441.5X202	1.9	Aluminum Die casting

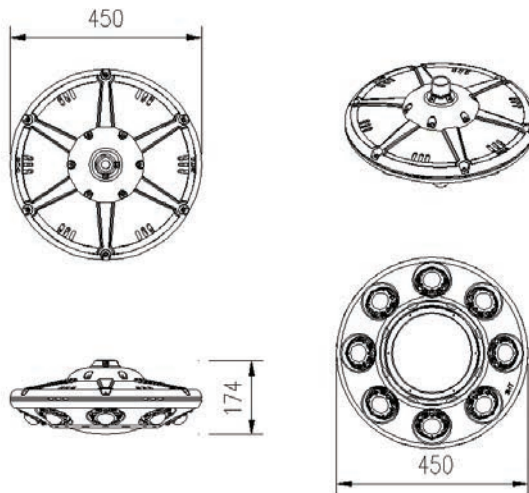
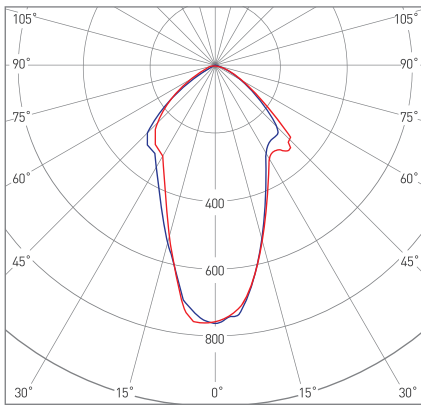
KSB-VB60/80/120C(CCTV)

LED Security Light



Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve



Packing Type	1unit(s) / ctn.
Packing Dimension	L500xW500xH250
Packing Weight	11.1/15.3/15.3Kg

Specifications



소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
60/ 80/ 120	-40~+50	AC 220V, 60Hz	5,000/5,700	> 0.95	5,400/ 7,200/ 10,800	90	> 75	450X450X175	9.4/ 11.8/ 11.8	Aluminum Die casting

Out
Door

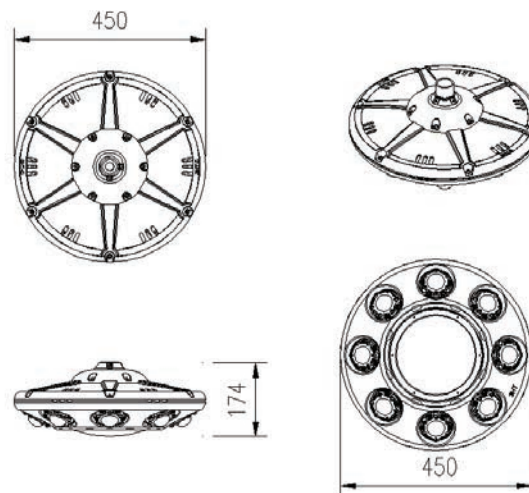
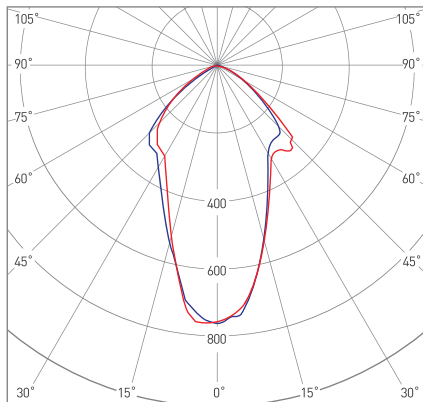
KSB-VB60/80/120

LED Landscape Light



Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve



Packing Type 1unit(s) / ctn.
Packing Dimension L500xW500xH250
Packing Weight 10.9/15.1/15.1Kg

Specifications



소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
60/ 80/ 120	-40~+50	AC 220V, 60Hz	5,000/5,700	> 0.95	5,400/ 7,200/ 10,800	90	> 75	450X450X175	9.2/ 11.8/ 11.8	Aluminum Die casting

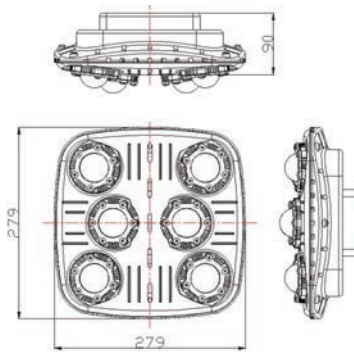
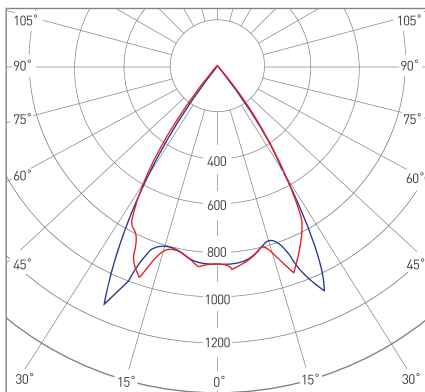
KSB-CA55/70/90

LED Canopy Light



Dimming functions are supported by optional + three in one
(1-10V DC or PWM Signal or Resistance)

Distribution Curve



Packing Type	1unit(s) / ctn.
Packing Dimension	L420xW315xH170
Packing Weight	7.6Kg

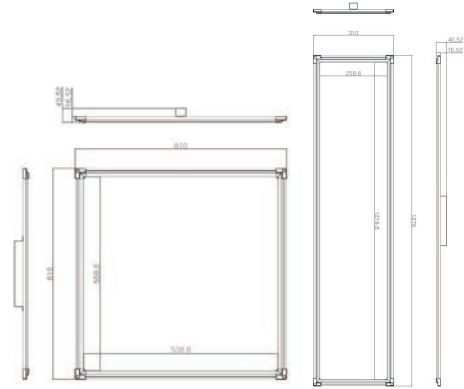
Specifications



소비전력 (W) Power Consumption	사용온도 (°C) Operating Temp	입력전압 (V) Input power	색온도 (K) Color Temperature	역률 (PF)	광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	연색지수 (Ra) CRI	크기(LxWxH) Dimension	무게(kg) Weight	재질 Material
55/ 70/ 90	-40~+50	AC 220V, 60Hz	5,000/5,700	> 0.95	4,950/ 6,300/ 8,100	90	> 75	279X279X90	6.8	Aluminum Die casting

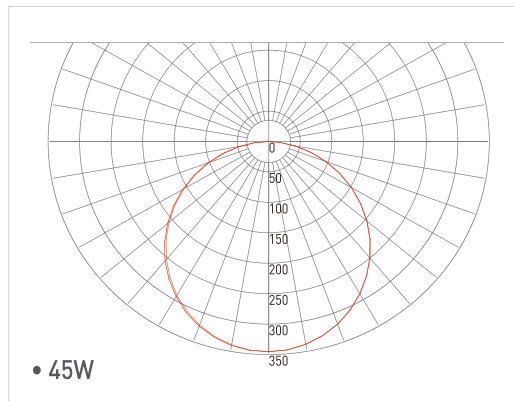
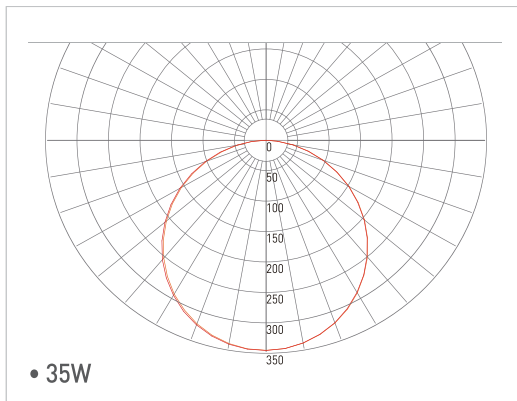
LED Pannel Light

Edge Slim Type



구분	A(mm)	B(mm)	C(mm)	D(mm)
정사각	610	610	40.52	16.52
직사각	1,270	310	40.52	16.52

Distribution Curve



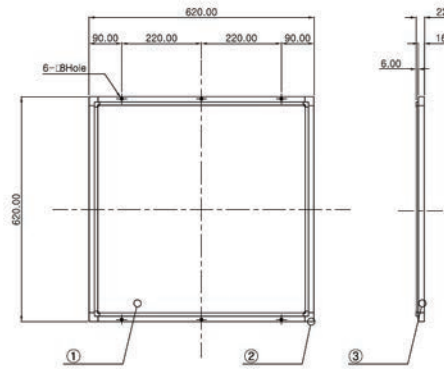
Specifications



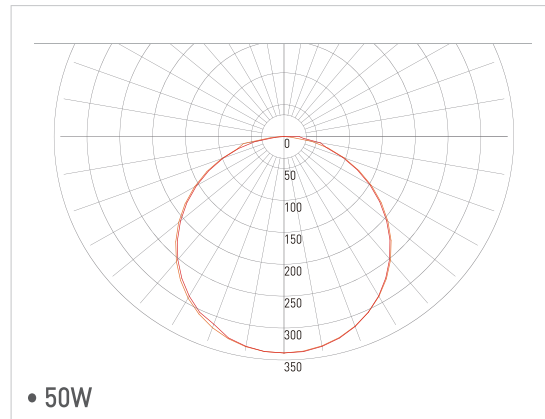
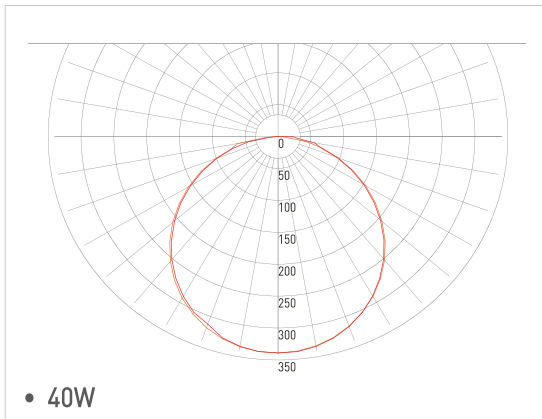
모델명 Model Name	전력(W) Power Consumption	총광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	색온도(K) Color Temperature	연색성 (Ra) CRI	사용전압 (V/Hz) Input power	역률 (PF)	동작온도 (°C) Operating Temp	무게 (kg) Weight	배광각(°) Light distribution angle	수명(h) Life	사이즈 (mm) Dimension
KSGE-T557-OSE	35	3,850	110	4,000/5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	610x610
KSGE-F057-OSE	40	4,400	110	4,000/5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	610x610
KSGE-F557-OSE	45	4,950	110	4,000/5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	610x610
KSGE-I057-OSE	50	5,500	110	4,000/5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	610x610
KSGD-T557-OSE	35	3,850	110	4,000/5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	1,270x310
KSGD-F057-OSE	40	4,400	110	4,000/5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	1,270x310
KSGD-F557-OSE	45	4,950	110	4,000/5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	1,270x310
KSGD-I057-OSE	50	5,500	110	4,000/5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	1,270x310

LED Pannel Light

Direct Type



Distribution Curve



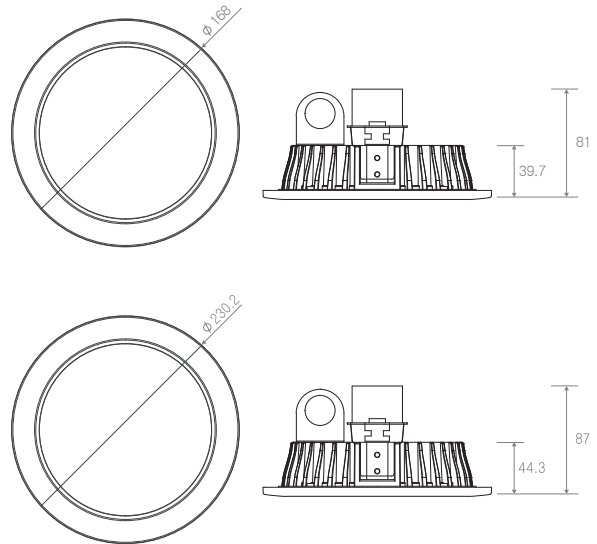
Specifications



모델명 Model Name	전력(W) Power Consumption	총광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	색온도(K) Color Temperature	연색성 (Ra) CRI	사용전압 (V/Hz) Input power	역률 (PF)	동작온도 (°C) Operating Temp	무게 (kg) Weight	배광각(°) Light distribution angle	수명(h) Life	사이즈 (mm) Dimension
KFT2257L-SE21	25	2,950	118	5,700	> 80	AC220/60	> 0.9	20~40	1.9	120	50,000	610x320
KFT4057L-SE14	40	4,760	119	5,700	> 80	AC220/60	> 0.9	20~40	3.3	120	50,000	1280x320
KFT4057L-SE20	45	4,920	123	5,700	> 80	AC220/60	> 0.9	20~40	3.2	120	50,000	610x610
KFT5057L-SE14	50	5,850	117	5,700	> 80	AC220/60	> 0.9	20~40	3.3	120	50,000	1280x320
KFT5057L-SE20	50	5,850	117	5,700	> 80	AC220/60	> 0.9	20~40	3.2	120	50,000	610x610

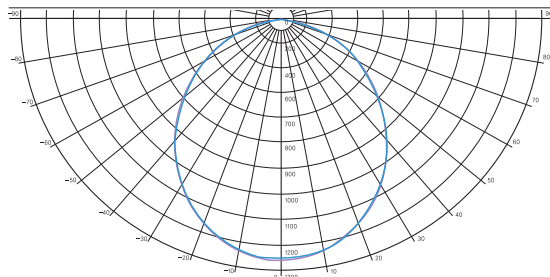
LED Down Light

LED light



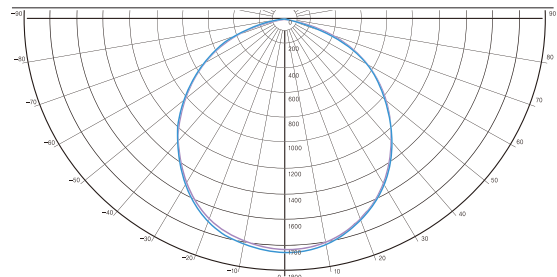
Distribution Curve

30W



1.00 m	1238,87 lux
2.00 m	309,72 lux
3.00 m	137,65 lux
4.00 m	77,43 lux
5.00 m	49,55 lux

40W



1.00 m	1740,17 lux
2.00 m	435,04 lux
3.00 m	193,35 lux
4.00 m	108,76 lux
5.00 m	69,61 lux

Specifications



모델명 Model Name	전력(W) Power Consumption	총광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	색온도(K) Color Temperature	연색성 (Ra) CRI	사용전압 (V/Hz) Input power	역률 (PF)	무게 (kg) Weight	배광각(°) Light distribution angle	사이즈 (mm) Dimension
KDL3057L-008I	30	3,000	100	5,700	> 80	AC220/60	> 0.9	0.93	120	Φ 230x95
KDL4057L-008I	40	4,000	100	5,700	> 80	AC220/60	> 0.9	0.93	120	Φ 230x95

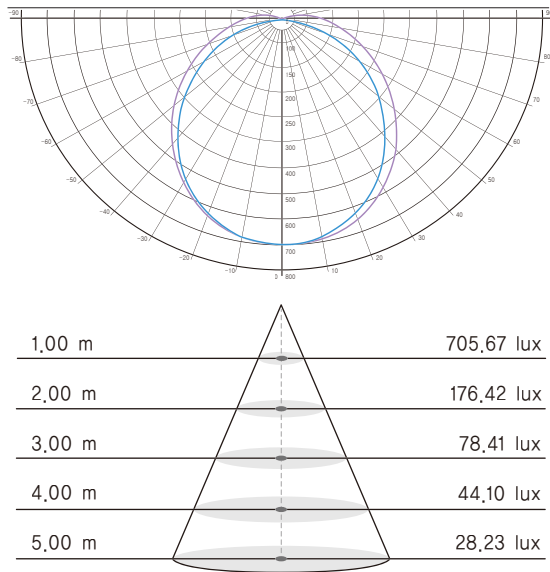
LED Parking Light

LED light



Distribution Curve

18W (KPLL18-KB)



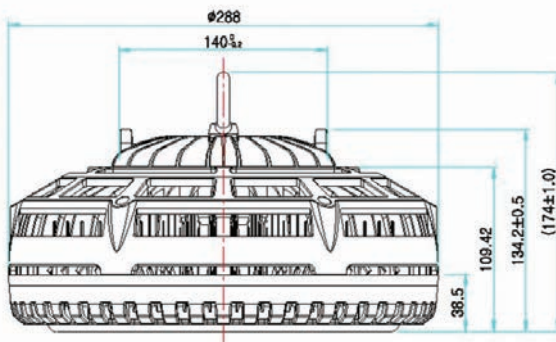
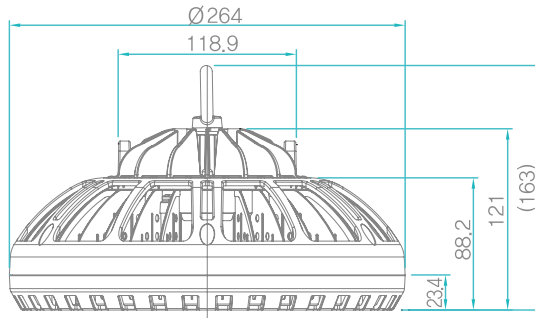
Specifications



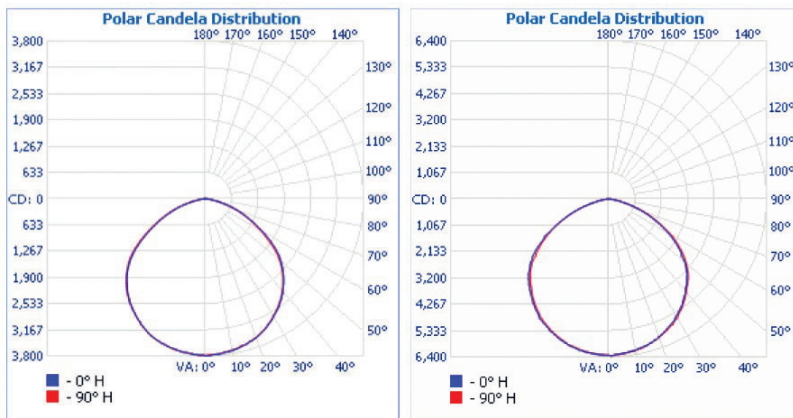
모델명 Model Name	전력(W) Power Consumption	총광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	색온도(K) Color Temperature	연색성 (Ra) CRI	사용전압 (V/Hz) Input power	역률 (PF)	동작온도 (°C) Operating Temp	무게 (kg) Weight	배광각(°) Light distribution angle	수명(h) Life	사이즈 (mm) Dimension
KPLL18-KB(PD)	18	1,630	90	5,700	> 80	AC220/60	> 0.9	20~40	1.45	120	50,000	78x1200x95
KPLL36-KB(PD)	36	3,420	95	5,700	> 80	AC220/60	> 0.9	20~40	1.45	120	50,000	78x1200x95
KPLL16-JE- SL	16	2,000	125	5,700	> 80	AC220/60	> 0.9	20~40	0.72	120	50,000	55x1200x50
KELA-318(PD)	18	1,600	90	5,700	> 80	AC220/60	> 0.9	20~40	0.82	180	50,000	52x900x64
KELA-328(PD)	28	2,500	90	5,700	> 80	AC220/60	> 0.9	20~40	1.1	180	50,000	52x1200x64

LED Highbay Light

LED Industry light



Distribution Curve



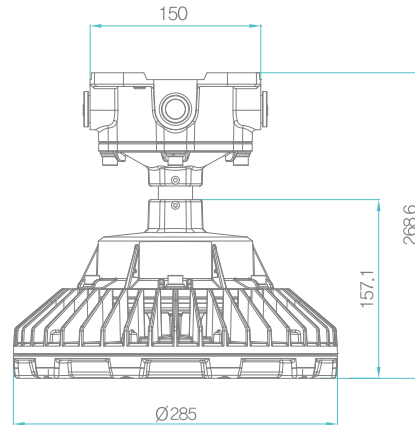
Specifications



모델명 Model Name	전력(W) Power Consumption	총광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	색온도(K) Color Temperature	연색성 (Ra) CRI	사용전압 (V/Hz) Input power	역률 (PF)	동작온도 (°C) Operating Temp	무게 (kg) Weight	배광각(°) Light distribution angle	수명(h) Life	사이즈 (mm) Dimension
KSL65N4-KE	65	10,400	160	5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	Ø288x134
KSL75N4-KE	75	10,500	140	5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	Ø288x134
KSL80N4-KE	80	10,400	130	5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	Ø288x134
KSL120N4-KE	120	18,000	150	5,700	> 80	AC220/60	> 0.9	20~40	3.5	110	50,000	Ø288x134

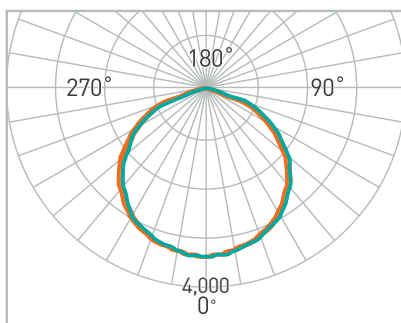
LED Explosion proof Light

LED Industry light



Distribution Curve

-0°H -90°H



조도(Lx)	거리(m)
3,171.68	1.0m
792.92	2.0m
352.41	3.0m
198.23	4.0m
126.87	5.0m
88.1	6.0m
64.73	7.0m
49.56	8.0m

Specifications



모델명 Model Name	전력(W) Power Consumption	총광속 (lm) Luminous flux	광효율 (lm/W) Luminous efficiency	색온도(K) Color Temperature	연색성 (Ra) CRI	사용전압 (V/Hz) Input power	역률 (PF)	동작온도 (°C) Operating Temp	무게 (kg) Weight	배광각(°) Light distribution angle	수명(h) Life	사이즈 (mm) Dimension
KEXD43-JE-CJ	43	6,450	150	5,700	> 80	AC220/60	> 0.9	20~40	8.4	115	50,000	Φ285x300
KEXD57-JE-CP	57	8,550	150	5,700	> 80	AC220/60	> 0.9	20~40	10	115	50,000	Φ285x481
KEXD80-JE-CP	80	12,000	150	5,700	> 80	AC220/60	> 0.9	20~40	10	115	50,000	Φ285x481

LED CONVERTER

KSB's new and innovative technology will become the Future Norm in the power supply industry.

■ High-Efficiency Converter

Universal AC input 100~270 VAC (outdoor)

Protections Short circuit / Over current / Over voltage / Over temperature

Cooling by free air convection

IP 65 design for indoor or outdoor installations (outdoor)

Suitable for Dry / Damp / Wet location (outdoor)

Power Factor (Typ.) PF>0.98/115VAC , PF>0.95/230VAC

Efficiency (Typ.) 88.5%(30~40W) , 90%(50~60W) , 91%(70~80W), 93%(90~100W), 93.5%(110~120W), 94%(130~150W)

■ 실내용 Indoor

LED Fluorescent lamp driving Converter **Less than 20W Class**

모델명 / Model name	K20-45
구동방식 / Drive method	정전류 Constant-Current
출력전압(V) / Output power	DC 45V (Adjustable)
자사 적용제품 / Product	LED직관등 (LED Fluorescent lamp)
사용전압 / Used Voltage	AC 220V



LED Flat light driving Converter **Less than 40W Class**

모델명 / Model name	K40-45
구동방식 / Drive method	정전류 Constant-Current
출력전압(V) / Output power	DC 45V (Adjustable)
자사 적용제품 / Product	LED평판등 (LED FLAT LIGHT)
사용전압 / Used Voltage	AC 220V
인증현황 / Certification	안전인증 (KC)



■ 실외용 Outdoor

LED Outdoor Light driving Converter **Less than 40W Class**

모델명 / Model name	KSB-40DP
구동방식 / Drive method	정전류 Constant-Current
출력전압(V) / Output power	DC 45V (Adjustable)
자사 적용제품 / Product	LED Outdoor light
사용전압 / Used Voltage	AC 100~270V
방수방진등급 / IP	> 65



LED Outdoor Light driving Converter **Less than 60W Class**

모델명 / Model name	KSB-60DP
구동방식 / Drive method	정전류 Constant-Current
출력전압(V) / Output power	DC 45V (Adjustable)
자사 적용제품 / Product	LED Outdoor light
사용전압 / Used Voltage	AC 100~270V
방수방진등급 / IP	> 65

**LED Outdoor Light driving Converter** **Less than 80W Class**

모델명 / Model name	KSB-80DP
구동방식 / Drive method	정전류 Constant-Current
출력전압(V) / Output power	DC 45V (Adjustable)
자사 적용제품 / Product	LED Outdoor light
사용전압 / Used Voltage	AC 100~270V
방수방진등급 / IP	> 65

**LED Outdoor Light driving Converter** **Less than 100W Class**

모델명 / Model name	KSB-100DP
구동방식 / Drive method	정전압, 정전류
출력전압(V) / Output power	DC 45V (Adjustable)
자사 적용제품 / Product	LED Outdoor light
사용전압 / Used Voltage	AC 100~270V
방수방진등급 / IP	65

**LED Outdoor Light driving Converter** **Less than 120W Class**

모델명 / Model name	KSB-120DP
구동방식 / Drive method	정전류 Constant-Current
출력전압(V) / Output power	DC 45V (Adjustable)
자사 적용제품 / Product	LED Outdoor light
사용전압 / Used Voltage	AC 100~270V
방수방진등급 / IP	> 65

**LED Outdoor Light driving Converter** **Less than 150W Class**

모델명 / Model name	KSB-150DP
구동방식 / Drive method	정전류 Constant-Current
출력전압(V) / Output power	DC 45V (Adjustable)
자사 적용제품 / Product	LED Outdoor light
사용전압 / Used Voltage	AC 100~270V
방수방진등급 / IP	> 65

**LED Outdoor Light driving Converter** **Less than 185W Class**

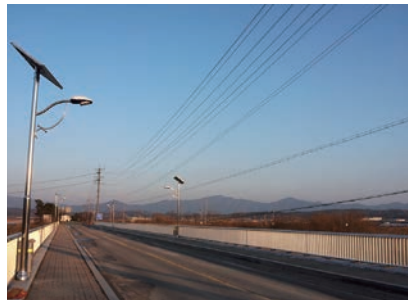
모델명 / Model name	KSB-185DP
구동방식 / Drive method	정전류 Constant-Current
출력전압(V) / Output power	DC 45V (Adjustable)
자사 적용제품 / Product	LED Outdoor light
사용전압 / Used Voltage	AC 100~270V
방수방진등급 / IP	> 65



국내설치사례

Local Installation Case





국내설치사례

Local Installation Case



해외설치사례

Global Installation Case



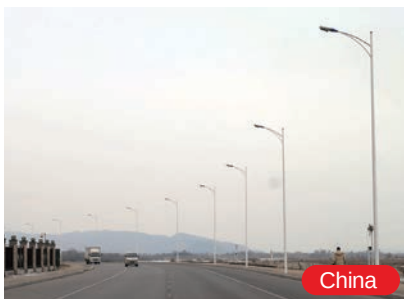
Kenya



Kenya



Japan



China



China



Colombia



Indonesia



Indonesia



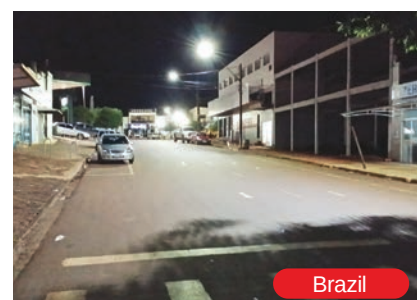
Indonesia



Indonesia



Brazil



Brazil

Indoor DID Series

■ FULL-HD 포트레이트(32"~70")

셋탑박스 기반 임베디드 리눅스 SPEC

- 세로형 포트레이트
간편한 사용과 비용 대비 최고의 광고 효과
자동 반복 광고
스케줄링 지원
- 작동방식
인터넷 서버 방식: 웹기반 작동
독립형 작동 방식: 메모리카드 이용
실시간 스트리밍 방식: 공유폴더 이용
타입1: 인터랙티브
RS-232 컨트롤러를 활용한 양방향 미디어
재생 컨트롤
- 타입3:네트워크 제어
DID의 제어와 파일 송출을 서버에서 관리
DID 상태 레포트
멀티스크린 지원
그룹관리

제품

- 외장형
셋탑박스 형태의 제품
- 디스플레이 일체형
올인원 형태의 제품
15"~82"의 다양한 제품

네트워킹, 저장매체

- 유선랜
10/100Mbps LAN
고정, 유동 IP 지원
- 무선랜
802, 11b/g wireless LAN
- 저장매체
CF 카드, 2.5" HDD, USB
- 포트레이트 제품 하부에
도관판 백라이트 로고 삽입가능

DID Type

- Type 1:Standard
Easy-to-sue and best advertising effects compared to costs
Advertisements automatically repeated
Supplies scheduling
- Working Methods
Internet server method: Runs web-based
Stand-alone working methods: Uses a memory card
Real-time streaming method: Uses a shared folder
Type 1:Interactive
RS-232 controllers are used for duplex media playing controls
- Type 3: Network Control
Controls of DID and sending files are managed by the server
Report of DID's condition
Supplies multi-screens
Manages Groups

Product

- Outdoor-type
Product's form is a set-top box
- Comprehensive Display
Designed as an all-in-one product
Various products ranging from 15"~82"

Networking, Storage Mediums

- Wired Lan
10/100Mbps LAN
Fixed, non-fixed IP is supplied
- Wireless Lan(Optional)
802, 11b/g wireless LAN
Fixed, non-fixed IP is supplied
Web key is supplied
- Storage Medium
CF card, 2.5" HDD, USB
- Logos can be attached on the lower parts
of the portrait product



■ 터치 스크린 키오스크 Touch Screen Kiosk

적용분야

키오스크, 의료용 디스플레이, 광고용 디스플레이, 산업용 디스플레이 등 다양한 분야에 적용

적외선 터치스크린의 장점

높은 안정성 | 시간이나 환경의 변화에도 오작동의 확률이 낮다.

높은 투과율 | 터치스크린 중간에 다른 장치를 추가로 부착하지 않으며, 빛은 100% 투과합니다.

높은 수명 | 반영구적이며, 스크래치에 강합니다.

쉬운 작동법 | 압력 감지 방식이 아닌 터치 작동을 위한 특별한 기구가 필요치 않습니다.

Applied Fields

Medical Kiosk, Commercial oriented displays, Industrial displays and other creative appliances

Advantages of Infrared Ray Touch-Screens

High Stability | Malfunctioning possibilities are low in any kinds of changes in time or environment

High Penetration Rate | A device on the middle of the touch doesn't have to be additionally attached and light is 100% penetrated

Long Lifespan | Product is semi-permanent and highly resistant to wear scratches, and signs of us

Easy-to-use | No special tools needed



■ 멀티비전 MultiVision

Digital Media Wall system의 디스플레이 구성은

싱글, 멀티스크린으로 구성되고, 컨트롤러는 멀티 운영 S/W가 탑재된 USB Controller Server, 로컬/원격 통제시스템용 S/W 등으로 구성하며, 원본 콘텐츠의 해상도를 그대로 유지함과 동시에 다채로운 콘텐츠 운영이 되도록 구성함을 제안합니다.



- HD 영상 재생을 위한 최적화된 Solution
- Local, Single, Enterprise 등에 맞는 다양한 솔루션 제공
- 어떠한 환경에서도 Client에 맞게 솔루션 제공
- 어플리케이션 기반의 강력한 네트워크 Solution 제공
- Multi Display, DID, Kiosk, LED, Project 등을 다양한 Display 통합표출

Easy-to-use | When power is turned on, pictures and videos automatically play repeatedly.

Timer | Embedded timer automatically turns on/off power at fixed times.

Storage Mediums | Strong mediums compatible with others are the 2.5" HDD, CF card or USB memory.

Strong Durability | With an embedded storage medium, DVD players or VTRs are not needed and strong durability exists with system with system able to be played for long hours.

Network | The advertising contents can be downloaded to the network server, saved to the storage medium, directly played.



Outdoor DID Series



■ Outdoor Display

사계절 전천후

온도, 감지 센서를 부착하여 영상장비 플레이어의 최적 온도인 5~50도를 항상 유지해줍니다. 9도 이하일 때는 히팅 시스템이 작동하고 영상 40도 이상일 때 쿨링시스템이 작동하며, 모든 조절장치는 자동으로 변환되며 셋팅은 변경 가능합니다.

우수한 열차단 효과

높은 열차단 효과(적외선 80%, 자외선 99% 차단)로 내부 온도를 낮춰 제품의 열로 발생되는 문제를 해결해줍니다. 여름철 실내로 유입되는 태양열의 적외선을 80% 이상 차단하여 실내의 적정온도를 유지시켜줌으로써 실내 온도를 적절히 유지시켜줍니다.

작동환경

작동온도: 0~60℃

작동습도: 20%~90%RH

내부온도: -20~65℃

내부습도: 5%~95%RH

※ 완전방수 외에 생활방수도 주문생산 가능

All weathers in four seasons

With a temperature detecting sensor attached, the display's working temperature is always maintained at its most suitable setting, 5~50℃, When temperatures are below freezing, the heating system is operated and when temperatures are above 40℃, the cooling system is operated. All of these controlling devices are automatically converted or control to user defined ranges.

Operating Environment

Operating Temp: 0~50℃

Operating Humidity: 20%~90%RH

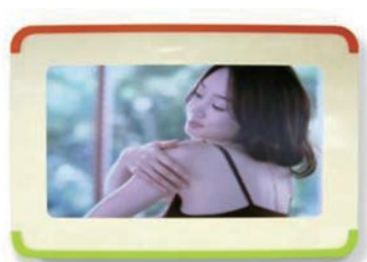
Internal temp: -20~65℃

Internal Humidity: 5%~90%RH

※ Complete Waterproof and even daily waterproof features can be ordered & produced.



■ OtherProducts



Landscape Type



Ceiling Type

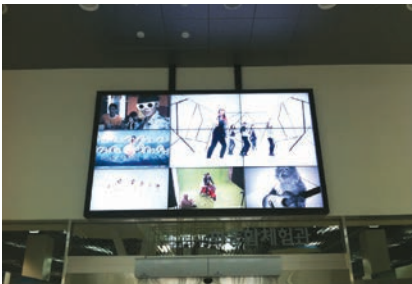


Photo zone



Folding Screen Type

Install case



Partnership





Kangwon Land

DX 동국제강
DONGKUK STEEL

Ulsan
for you

강원도
GANGWON PROVINCE

K water

ETRI
한국전자통신연구원

EXCO
EXHIBITION & CONVENTION CENTER

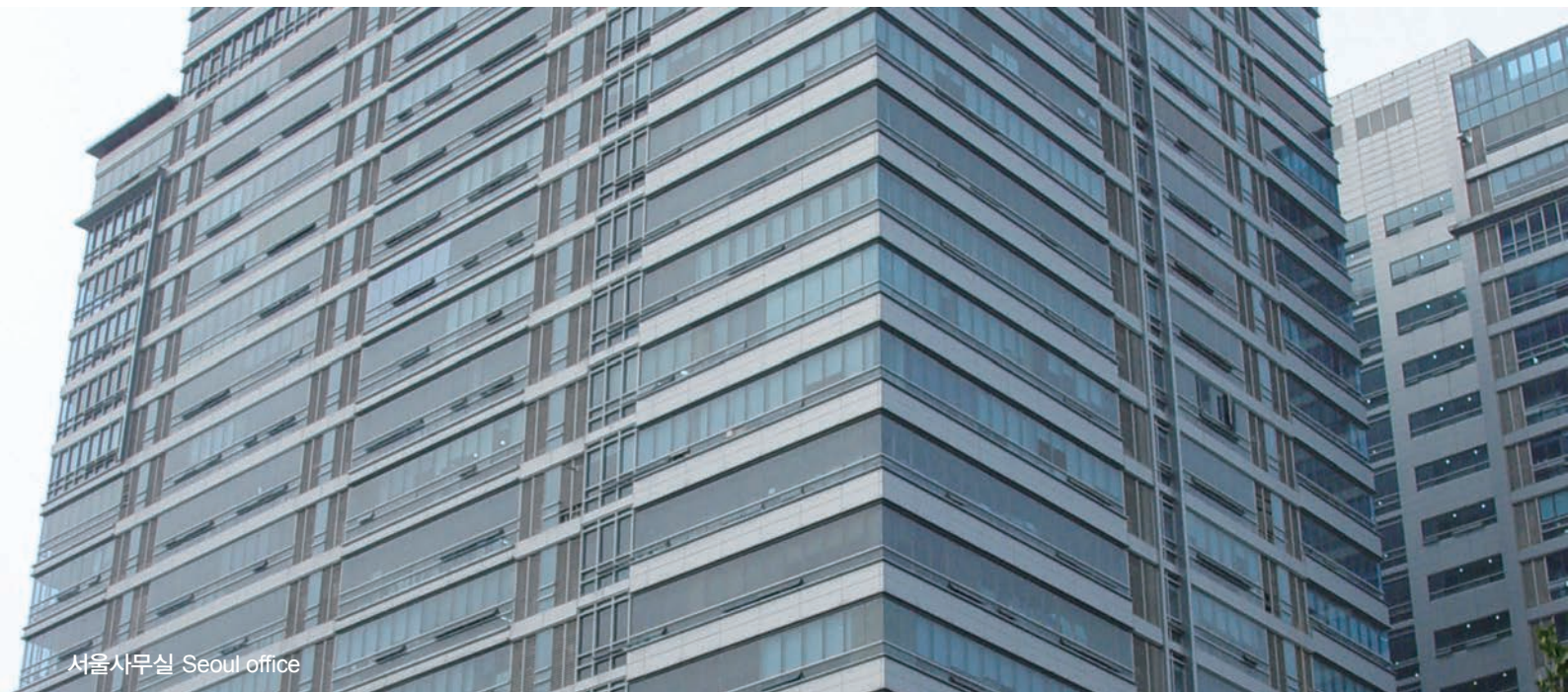
K/ETRI
한국항공우주연구원

성동구

KIMM 한국기계연구원
KOREA INSTITUTE OF MACHINERY & MATERIALS

KINTEX
킨텍스

About KSB



서울사무실 Seoul office

Introduction of company

회사명 / Name KSB Corporation Limited

대표이사 / CEO 박종복 Jong-Bok, Park

사업자번호 / Corporate registration number 214-86-28727

ESCO registration number 2015-0680-4

주소 / Address 서울시 강서구 양천로 583 B동 1411호(우림블루나인비즈센터)
1411 BLDG_ B Woolimblueninebiz Center 583, Yangcheon-ro, Gangseo-gu, Seoul-city, Korea
충청남도 천안시 서북구 성거읍 모전1길 236
236, Mojeon1-gil, Seonggeo-eup, Cheonan-city, Chungcheongnam-do, Korea

연락처 / Contact www.ksbsystem.co.kr
Tel. 82-41-584-1199, Fax. 82-41-411-1035, E-Mail. ksbmt@hanmail.net



본사/공장 headquarter/factory

History of company

**1999~
2003**

1999 - Established (Jan.11)
2002 - KBC Engineering Firm
2003 - DRT Engineering Firm

**2004~
2009**

2004 - Leader in Industry, Academy, Institute Co development Projects
2005 - Carbon Nano Tube Direct Cooling/Heating System
- Certified as Management Innovative SMB
2006 - ISO 9001, 14001
2007 - Certified as Technological Innovative SMB
2009 - Noise System Business
- Display Sales
- Certified as INNO-BIZ, Venture Company

**2010~
2013**

2010 - LED Flat Light KC Certificate
- LED Flat Light Utility model Certified
- SMB Innovation Project Performer of LED Light Developer
2011 - Prize from Korea Industrial Complex Corporation
2012 - Built New Factory
- Certificate of DID Performance
- Prize of Excellent Venture Company from Chungnam Techno Park
- LED 6060 Flat light Development
- Flat plate solar thermal collector using Carbon Nano Tube
- LED Streetlight using Carbon Nano Tube
2013 - Prize of INNO-BIZ from KIBO
- Intelligent LED Light Export Contract 15Mil. USD

2014

Jan. 2014 KS Certificates (LED Street & Security Lights)
Oct. 2014 Signing MOU with Rizhao-city in China,
Oct. 2014 Certified as Industrial Innovative 3.0 Excellent Company
Oct. 2014 Signing MOU with USA TEGE, Pass Test of 1st Sample Products
Aug. 2014 Established FFT(Energy Saving Company, Certified from H.K)

2015~

Jan. 2015 High Efficiency Certificates for LED Street Lights
Mar. 2015 Supply Agreement of LED Lights with 3 cities in Brazil
May. 2015 Established FFB Company
(From Brazil Energy Saving Company, Certified from Brazil Government)
Aug. 2015 Business Registration of Electrical Construction
Dec. 2015 Grand Prize for Management from CTP
Mar. 2016 Partnership Agreement with SOMA in Brazil for public lightings
Aug. 2016 Business Registration of Information & Communication Construction

Patents



Adhesion memo paper for message mark



APPARATUS FOR BOILING ANCHOVIES



bonding device for coating sheet



CASE HAVING A FUNCTION OF COOLING AND HEATING FOR X-RAY FILM



cooling and heating device for switch box and communication box



Cooling and warming apparatus



Cooling Unit



digital display board having a fast cooling module for lcd and led panel



discharge arrester combination method of ground rod



eco friendly grounding apparatus



environmental friendly air conditioning system



Evacuated tube Solar Collector with multi channel plate type heat pipe



fast cooling module for lcd and led panel of digital display board



FRIENDLY ENVIRONMENT TYPE AIR CONDITIONING SYSTEM WITHOUT USING FLUOR GAS



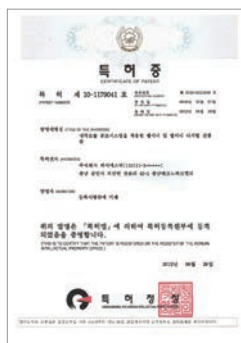
Furniture material and production method thereof



ILLUMINATING APPARATUS USING LED



ILLUMINATING APPARATUS USING LED2



LCD and LED display board applying air conditioning system with cooling module



EMITTING DIODE STREET LIGHTING



MANUFACTURING METHOD OF LED MODULE FOR STREET LIGHTING



KSB

Korea System Business

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