

A.T.C

Aluminum
Parts
Specialist Company

www.atc.or.kr

 (주)알 텍
ATC Altech Co., Ltd.

ABOUT US

Global Business Partner Aluminum Technology Cast

글로벌 비즈니스 파트너
알텍

We Altech Co., Ltd. are Korea manufacturer of aluminum parts specialist. We have process to make aluminum parts as Product design, Making mold, Casting, Machining, Assembly.

Using this process, We have produced our products with a ceaseless research and development and continuous quality management since 1988. Due to these efforts, We were able to have high quality skill.

We promise that become an international aluminum parts maker based on accumulated product development capabilities, quality competitiveness and customers' confidence. And also we do our all bests to satisfy various needs from customers in overseas and domestic.

알텍은 알루미늄 부품 전문회사입니다. 뿌리산업인 알루미늄 주조, 금형을 기반으로 하고 있으며 가장 기초단계인 제품설계에서 금형 제작, 주조, 임가공, 조립까지 전 공정 가지고 있습니다.

1988년 이래로, 저희 알텍은 이러한 공정을 기반으로 끊임없는 연구 개발과 지속적인 품질관리를 통해 알루미늄 부품생산을 하여 왔습니다. 그러한 성과로 기술축적과 새로운 것을 창조 할 수 있는 능력을 갖추게 되었습니다.

축적된 개발능력과 품질 경쟁력을 바탕으로 고객이 요구하는 세계적인 알루미늄 부품전문 회사로 발전해 나가겠습니다.

ALTECH CAST CO., LTD





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01 HISTORY

PRESENT

- 2019. 05 Designated as a Pre-star company
Pre-스타기업 지정
Obtain Inno-Biz certificate
기술혁신형 중소기업(Inno-Biz) 인증
- 2019. 04 Obtain KS(Recessed and fixed LED luminaires) certificate
KS LED 매입형 및 고정형 LED 등기구 인증
Obtain KS(LED sensor luminaires) certificate
KS LED 센서 등기구 인증
- 2019. 02 Changed company's name to Altech Co., Ltd.
주식회사 알텍으로 법인명 변경
- 2016. 04 Obtain KS(LED tunnel luminaires) certificate
KS LED 터널등기구 인증

2010~

- 2015. 12 Obtain KS(LED street luminaires) certificate
KS LED 가로등기구 인증
- 2015. 06 Moved for expand 본사 확장 이전
- 2014. 10 Establish exclusive R&D division
기업부설연구소 신설
- 2014. 02 Establish exclusive LED department
조명사업부 신설(LED 가로등, 보안등, 터널등 개발)
- 2013. 09 Developed and manufactured Frame of LG EV car
LG 전기 자동차 알루미늄 프레임 개발
- 2012. 08 Obtain Clean Plant certificate CLEAN 사업장 인증
- 2011. 12 Developed and manufactured Reduction Gear Housing of EV car
전기 자동차 감속기 하우징 개발 (정부과제)
- 2010. 09 Developed and manufactured LED Street Light
LED 가로등 조명 개발 및 제작 (정부과제)

02 BUSINESS AREA

Led Light



Tunnel light, street light
Security light
Industry light

Part of industrial



Heavy machinery parts
Textile machinery parts
Farm machinery parts

Design



Assembly

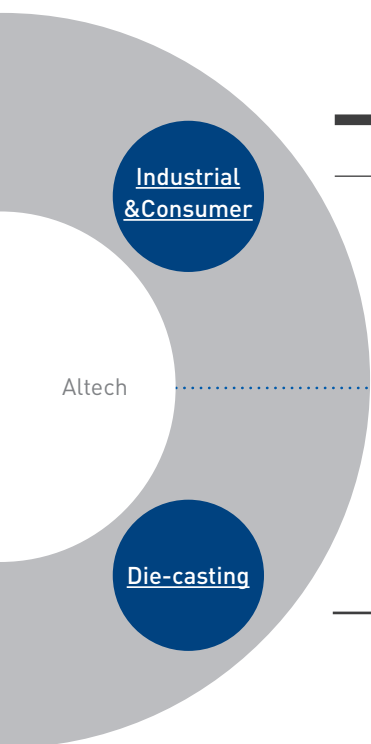


2000~

BEGINNING

- 2009. 11 Obtain TS16949 certificate TS 16949 인증
- 2008. 11 Obtain ISO9001 certificate ISO 9001 인증
- 2007. 10 Start producing of oil pump for automobiles.
자동차 부품 오일펌프 생산 시작
- 2004. 10 Changed company's name to Altech Cast, inc.
주식회사 알텍캐스트로 법인전환
- 2000. 03 Start producing of water pump for automobiles.
자동차부품 워터펌프 생산 시작

- 1988. 05 Established Hanyang Engineering, co.
한양엔지니어링 설립

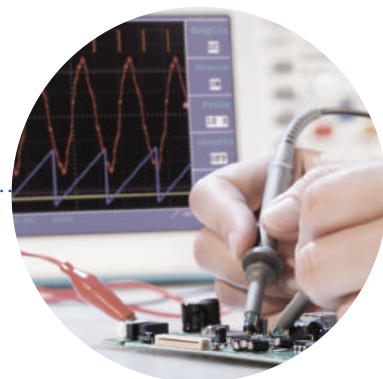


Part of Automobile



Water pump
Oil pump
Air-con pump

Develop Product



Design products
Inspection fuction
Plan process

03 PROCESS OF PRODUCT

ATC'S STRONG POINTS

We have one-stop system to make products.
Such as, Product design,
Mold making, Casting, Machining,
Assembly, Inspection.

STRONG POINTS

1

6 persons in r&d center for product design

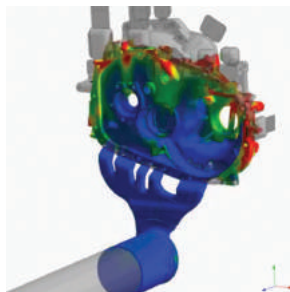
2

We have casting simulation program, and light simulation



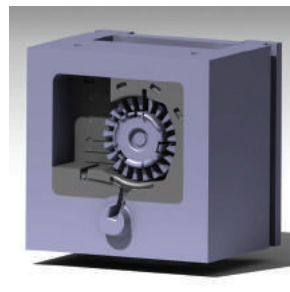
Product design

제품설계



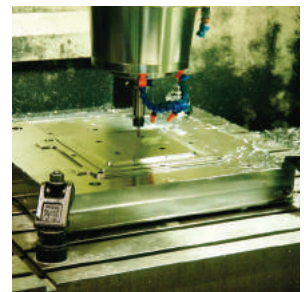
Simulation

시뮬레이션



Mold design

금형설계



Making Mold

금형제작



3

More than 30 years experience
in casting aluminium

4

Fast feed back system



Casting

주조



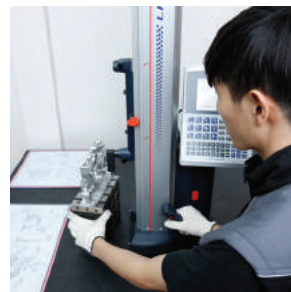
Machining

가공



Assembly

조립



Inspection

출하검사

04

EQUIPMENT 설비

For Mold Making



For Casting



For Machining



Global business partner Altech Co., Ltd.

Be the best in the world

Let's seek to be perfect

For Inspection, Measurement

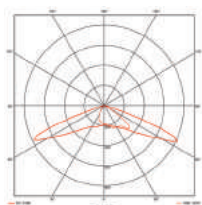


설비현황

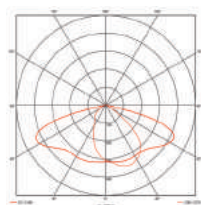
process	Equipment's name	spec	
Mold	High speed mct 고속머시닝센터	Kaoming, Doosan	2set
	Miling MC 범용 밀링	Hwachun 2	1set
	Lathe MC 범용선반	HL-380	1set
	EDM 방전기	DM400	1set
Casting	Cold chamber d/c mc 다이캐스팅기	150t,250t,350t,800t	4set
	Tilting gravity d/c mc 중력주조기		3set
	Electric furnace 전기로	500kg, 800kg, 3ton	8set
	Shot blast MC 쇼트기	1500X1200	3set
Machining	Taping MC 태핑센터	Komatec, Wia, Deawoo	7set
	NC later MC NC선반	10", 8", 6"	4set
Measurement	CMM 3차원측정기	Dukin HERO 785S	1set
	Height gage 하이트게이지	MISTOYO 500mm,300mm	3set
	Spectrometer 금속성분분석기	Spectro max	1set
	Microscope 금속현미경	HELIOS	1set
	Hardness meter 로크웰경도기	WEIYI	1set
	Infrared camera 적외선 카메라	FLIR	1set
	Power meter 파워미터	YOGOGAWA	1set
	IST 절연저항계	GSI/HGS-5577	1set
	Slidac 슬라이더스	3 kva	1set

Outdoor Lighting

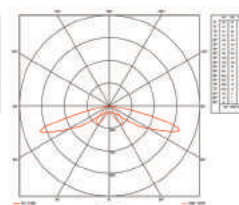
LED Module



Street 1



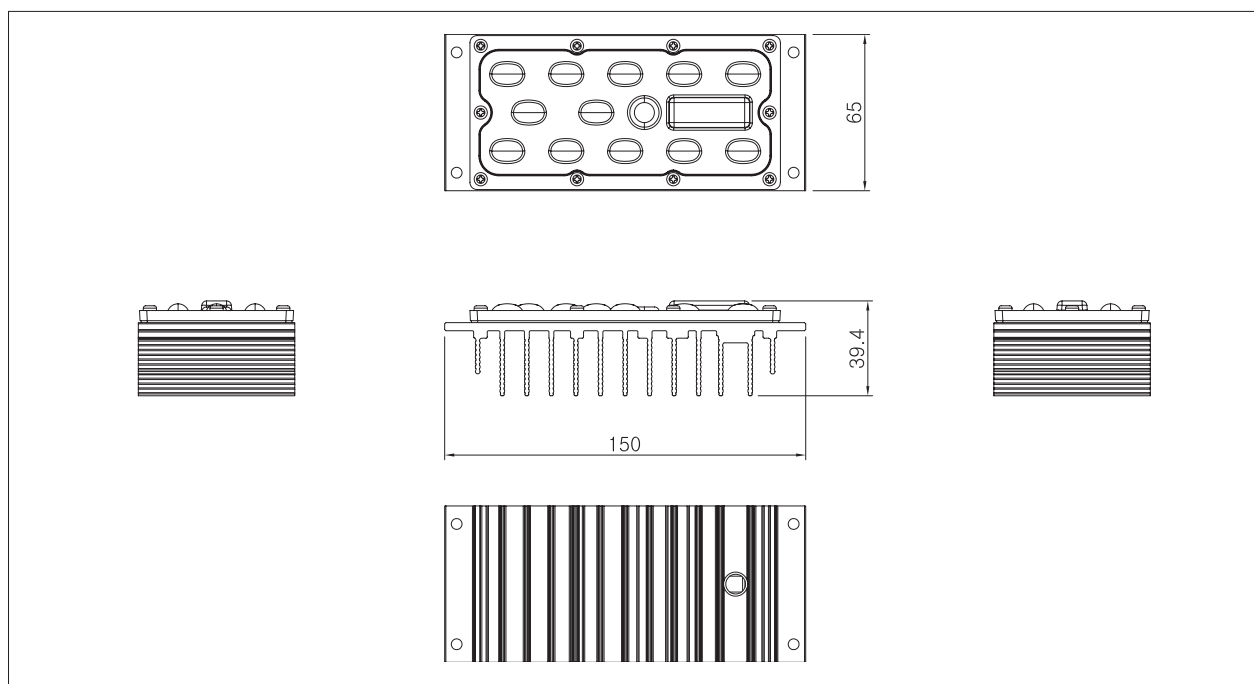
Street 2



Tunnel

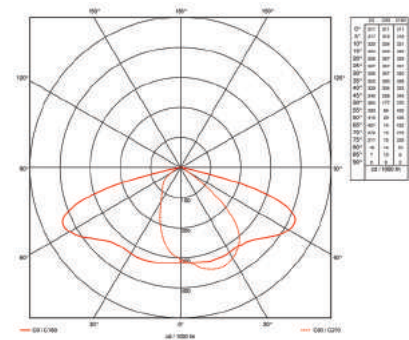
Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-LM5020-75-ST1	150X65X39	20	3 200	Over 160	4000 or 5000	70 or 75 or 80	LED chip : Samsung or CREE
ATL-LM5020-75-ST2							
ATL-LM5020-75-TU							

DRAWING



LED Security Light

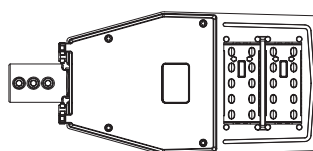
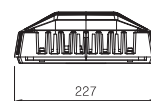
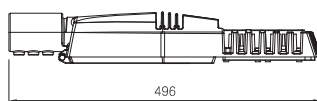
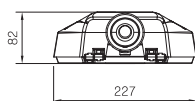
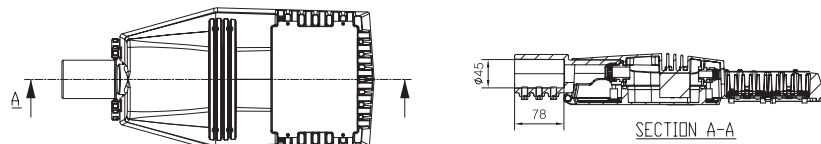
AURORA MINI



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-RL403	496X227X82	50	7 000	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS

DRAWING

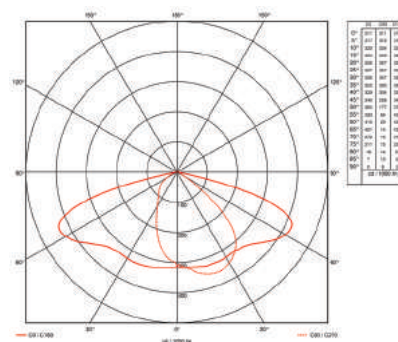
- Diameter : $\phi 45$
- Depth : 78mm



Outdoor Lighting

LED Security Light

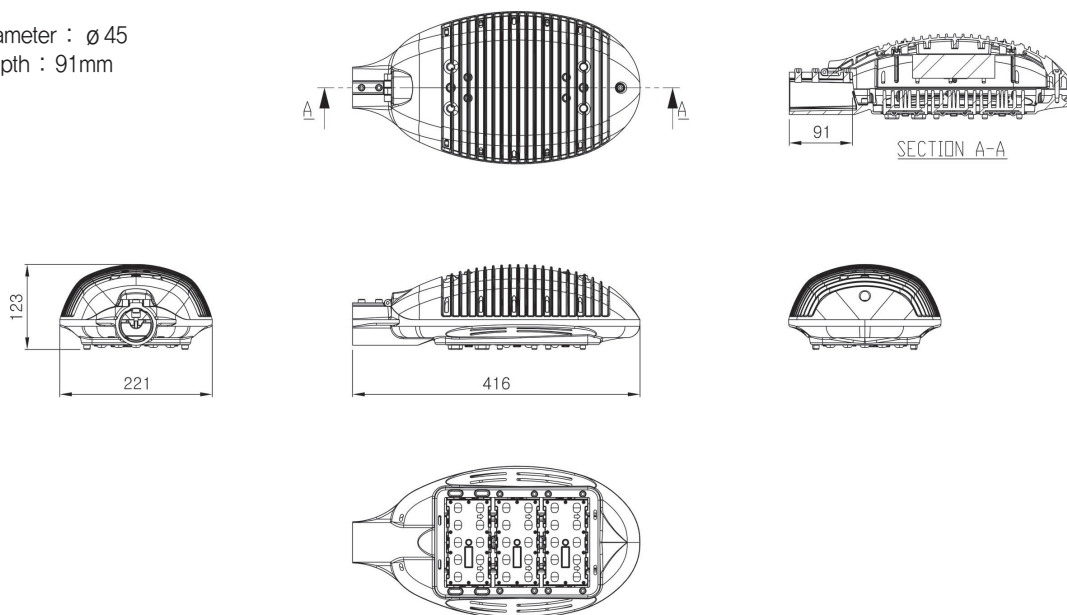
LUNA MINI



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-RL422	416X221X123	25	3 500	Over 140	4000 or 5000	70 or 75 or 80	Internal/ External SMPS
ATL-RL423		50	7 000				
ATL-RL424		70	9 800				

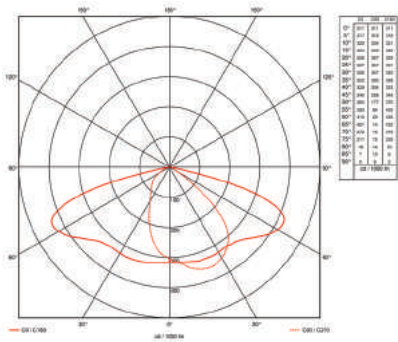
DRAWING

- Diameter : $\varnothing 45$
- Depth : 91mm



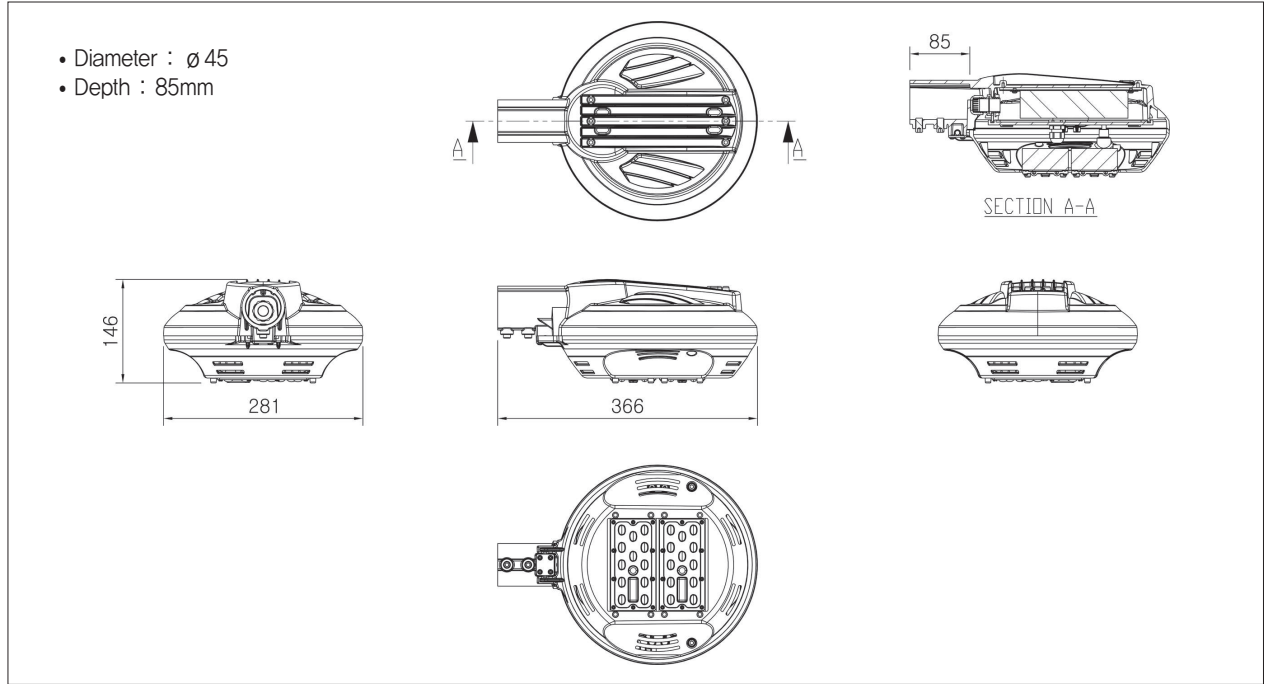
LED Security Light

SHINEE MINI



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-RL412	366X281X146	50	7 000	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS

DRAWING



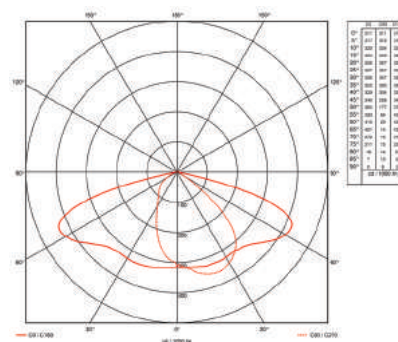
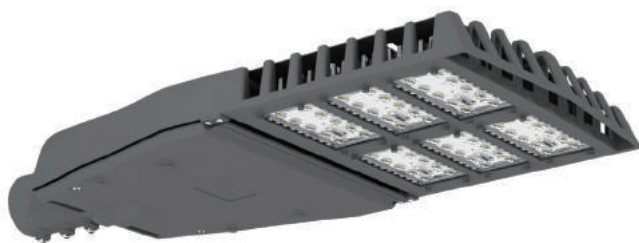
05

실외조명

Outdoor Lighting

LED Street Light

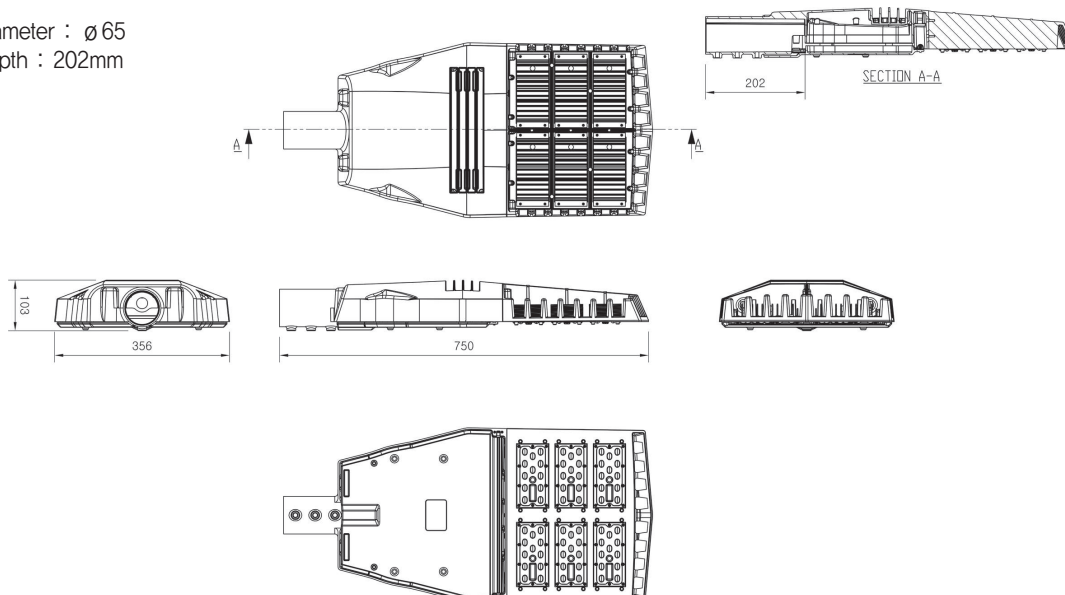
AURORA 150



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-SL401N	750X356X103	90	12 600	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS
ATL-SL402N		120	16 800				
ATL-SL403N		140	19 600				

DRAWING

- Diameter : $\varnothing 65$
- Depth : 202mm



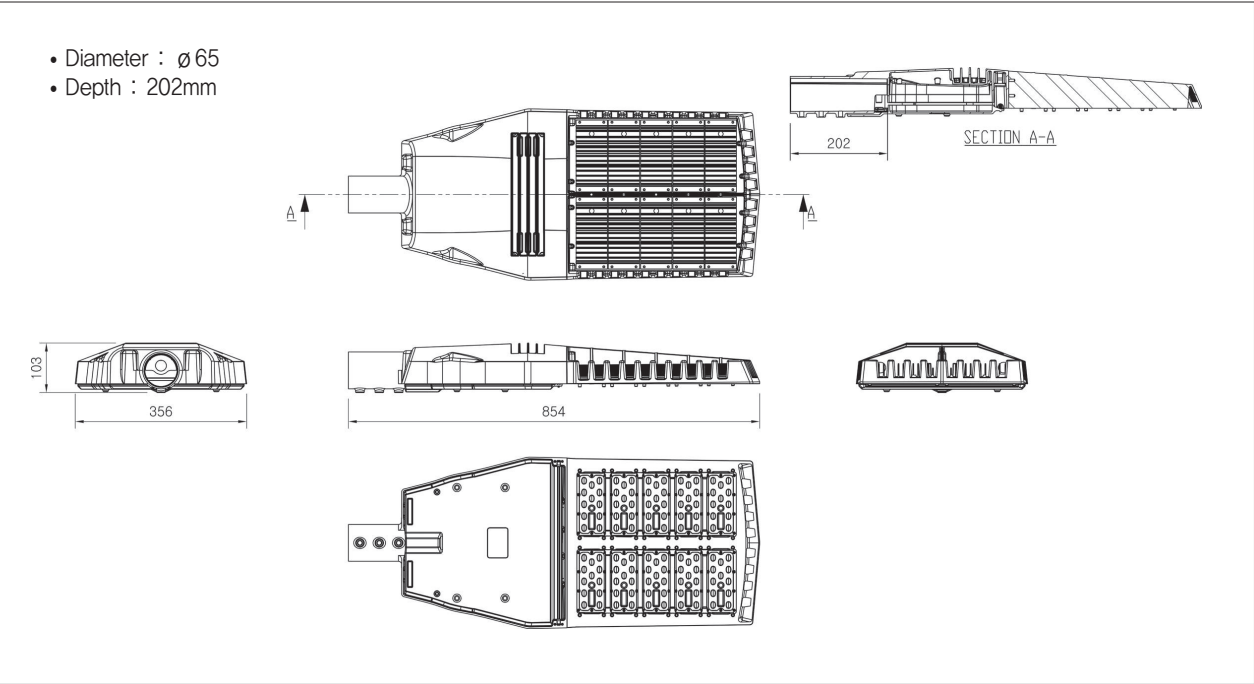
LED Street Light

AURORA 250



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-SL404	854X356X103	200	28 000	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS
ATL-SL405		250	35 000				

DRAWING



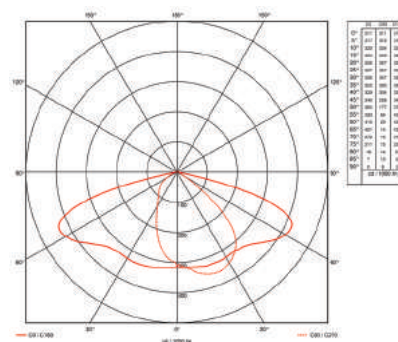
05

실외조명

Outdoor Lighting

LED Street Light

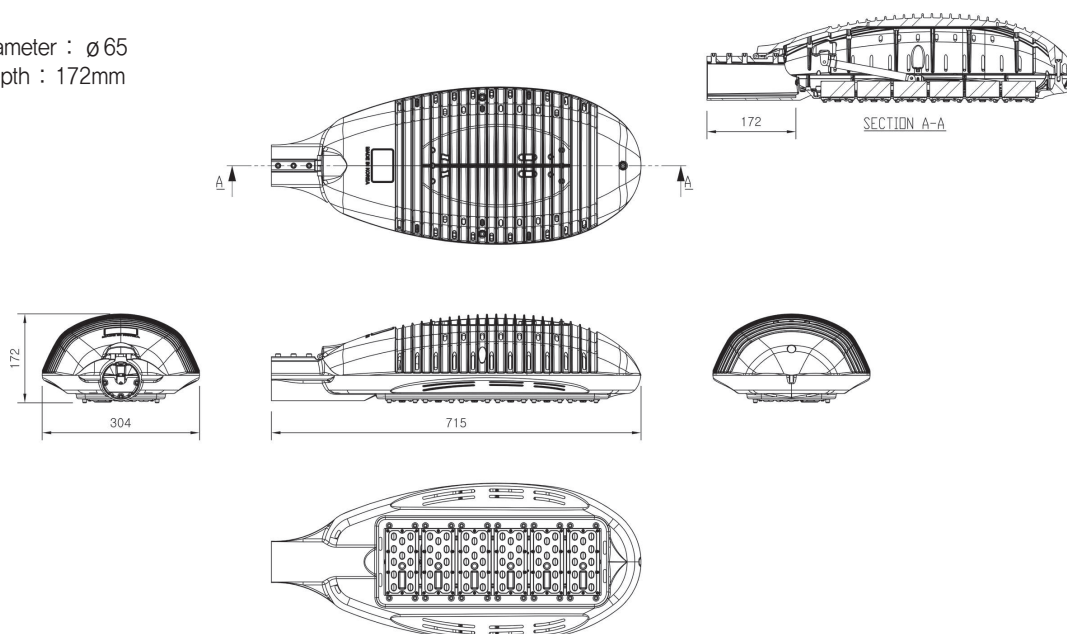
LUNA 150



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-SL421	715X304X171	100	14 000	Over 140	4000 or 5000	70 or 75 or 80	Internal/ External SMPS
ATL-SL422		120	16 800				
ATL-SL423		150	21 000				

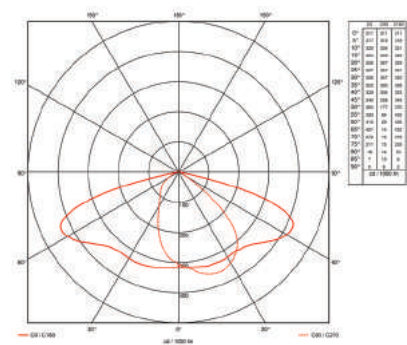
DRAWING

- Diameter : $\varnothing 65$
- Depth : 172mm



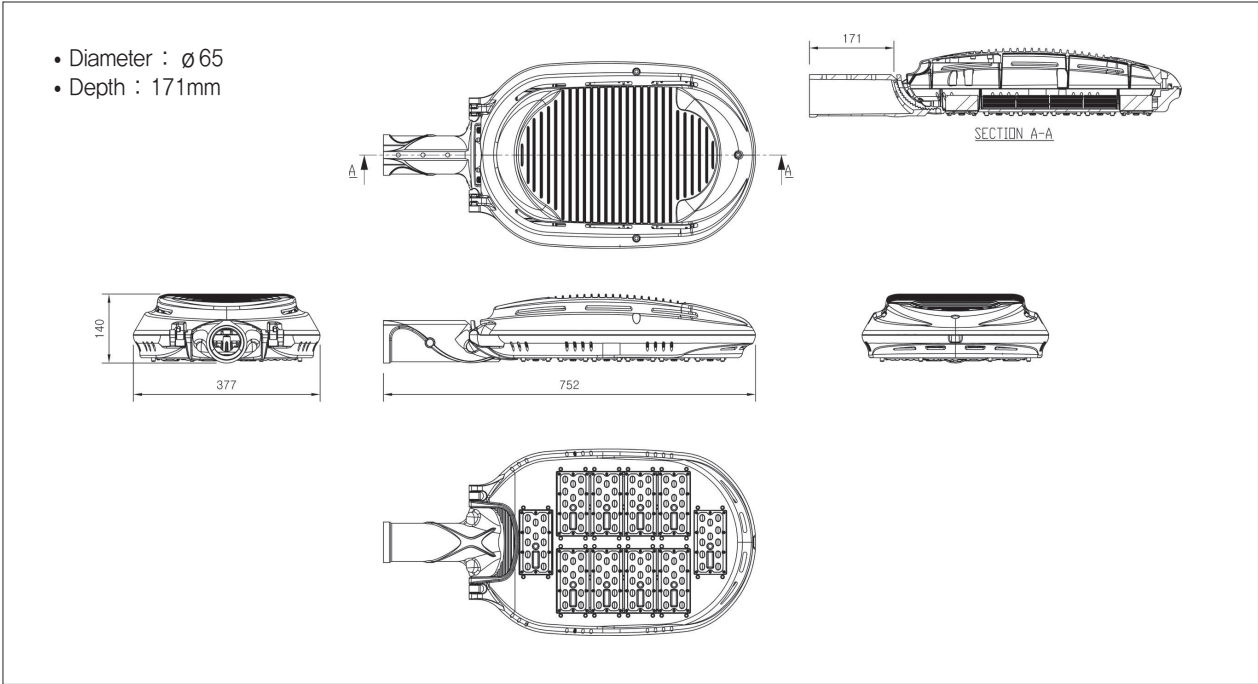
LED Street Light

NEW LUNA 250



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-SL424	752X377X140	250	35 000	Over 140	4000 or 5000	70 or 75 or 80	Internal/ External SMPS

DRAWING



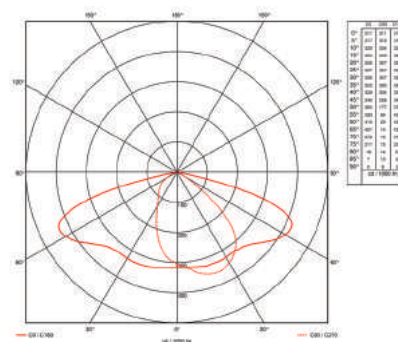
Outdoor Lighting

LED Street Light

SHINEE100



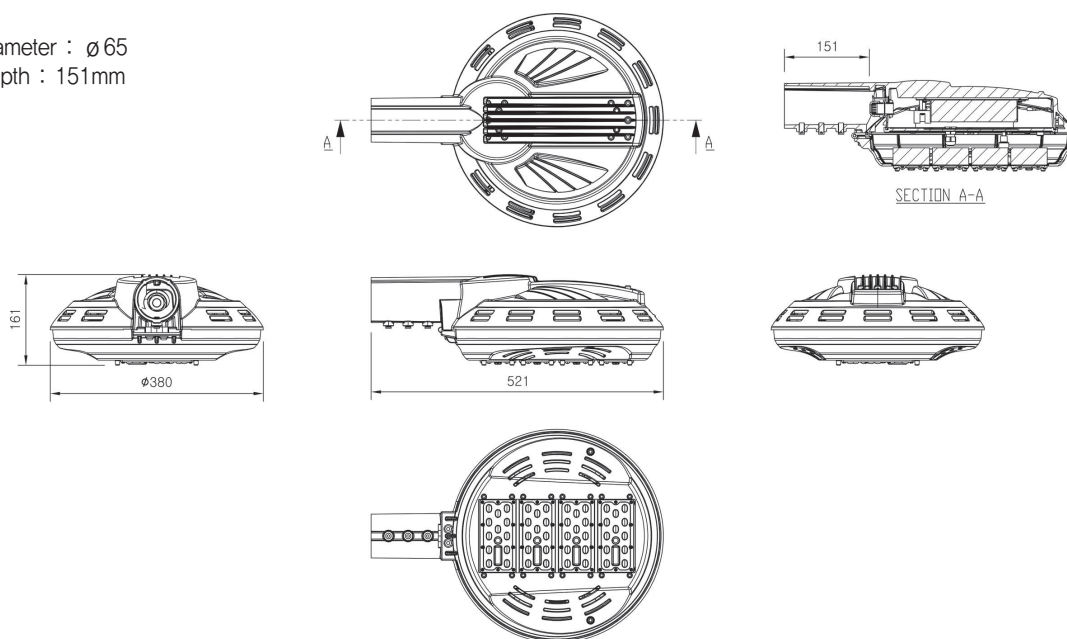
SHINEE150



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-SL411	521X380X161	100	14 000	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS
ATL-SL412	521X380X159	120	16 800				
ATL-SL413		150	21 000				

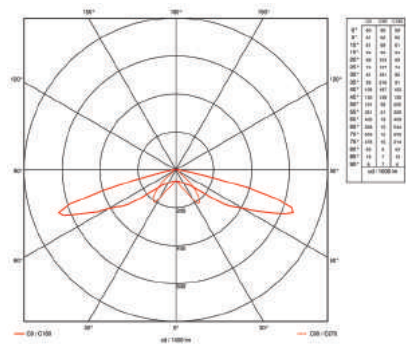
DRAWING

- Diameter : $\phi 65$
- Depth : 151mm



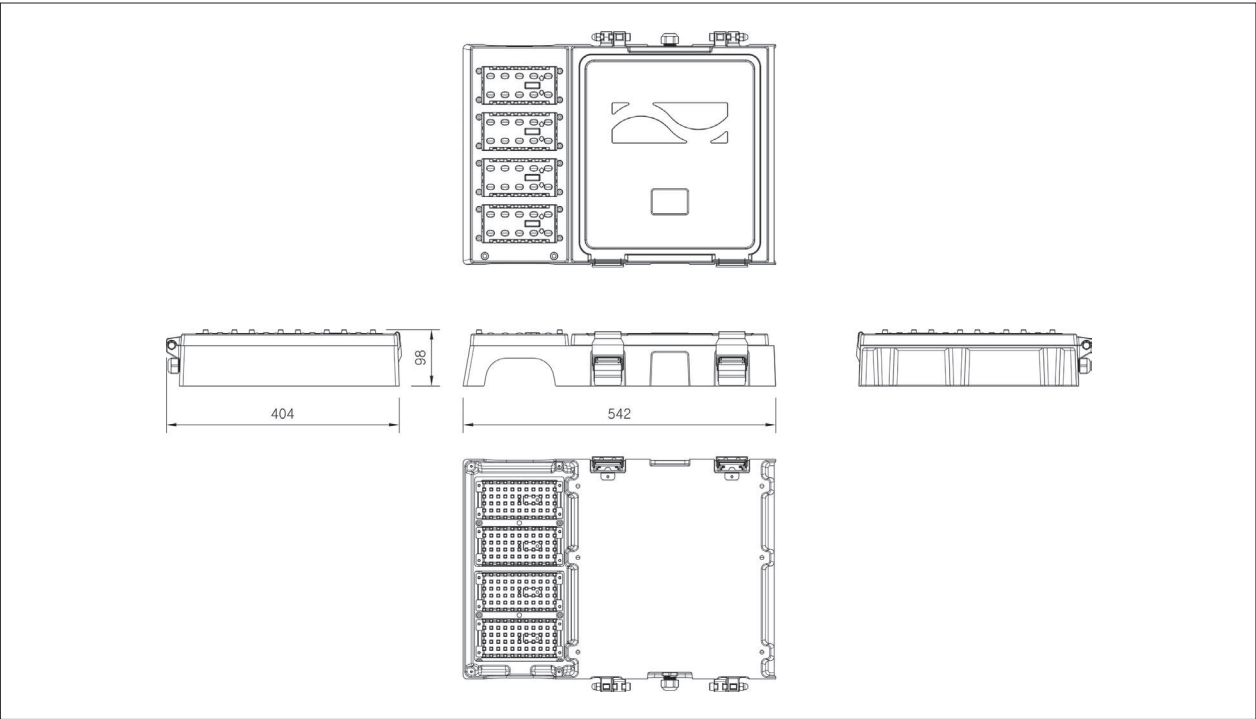
LED Tunnel Light

LEO100



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-TL403	542X404X98	70	9 800	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS
ATL-TL401		90	12 600				

DRAWING



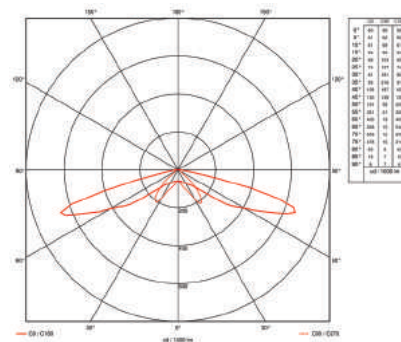
05

실외조명

Outdoor Lighting

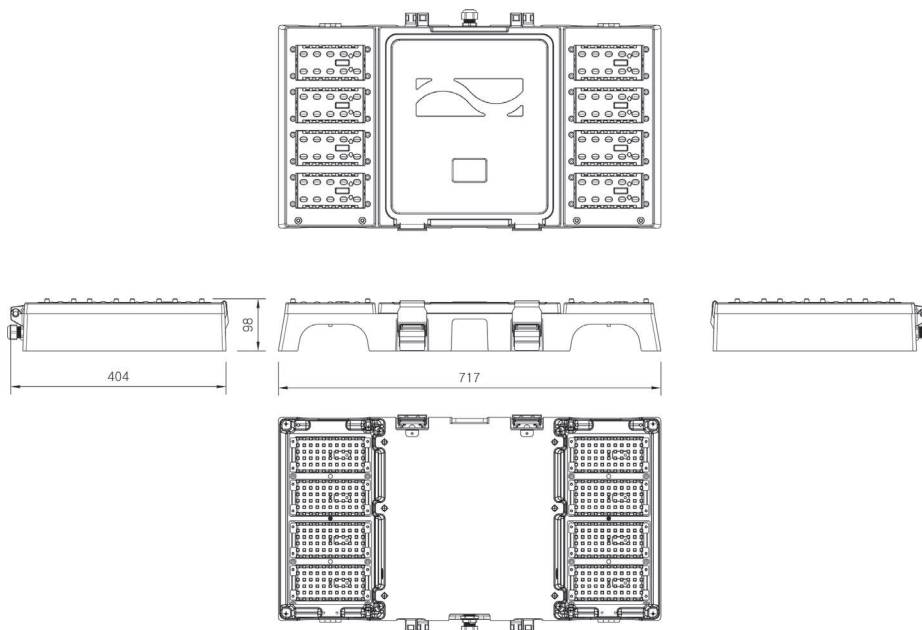
LED Tunnel Light

LE0200



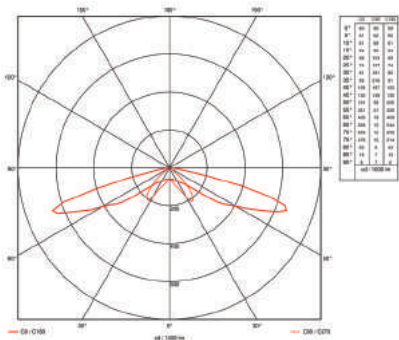
Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-TL405	717X404X98	140	19 600	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS
ATL-TL402		190	26 600				

DRAWING



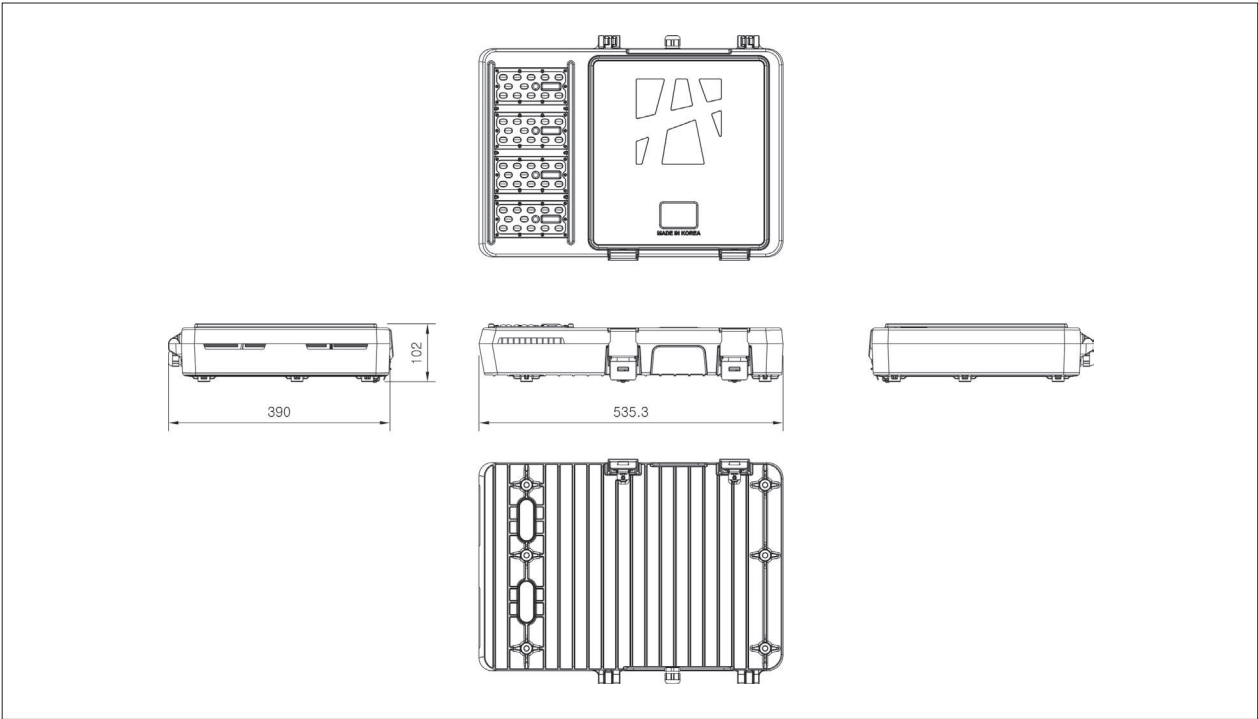
LED Tunnel Light

MARU100



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-TL421	535X390X102	75	10 500	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS
ATL-TL422		100	14 000				

DRAWING



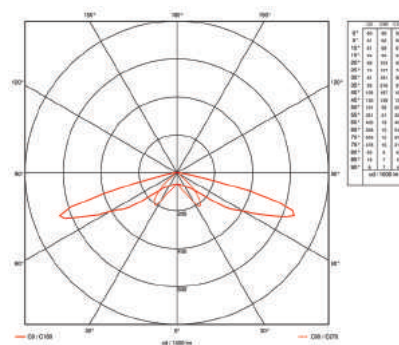
05

실외조명

Outdoor Lighting

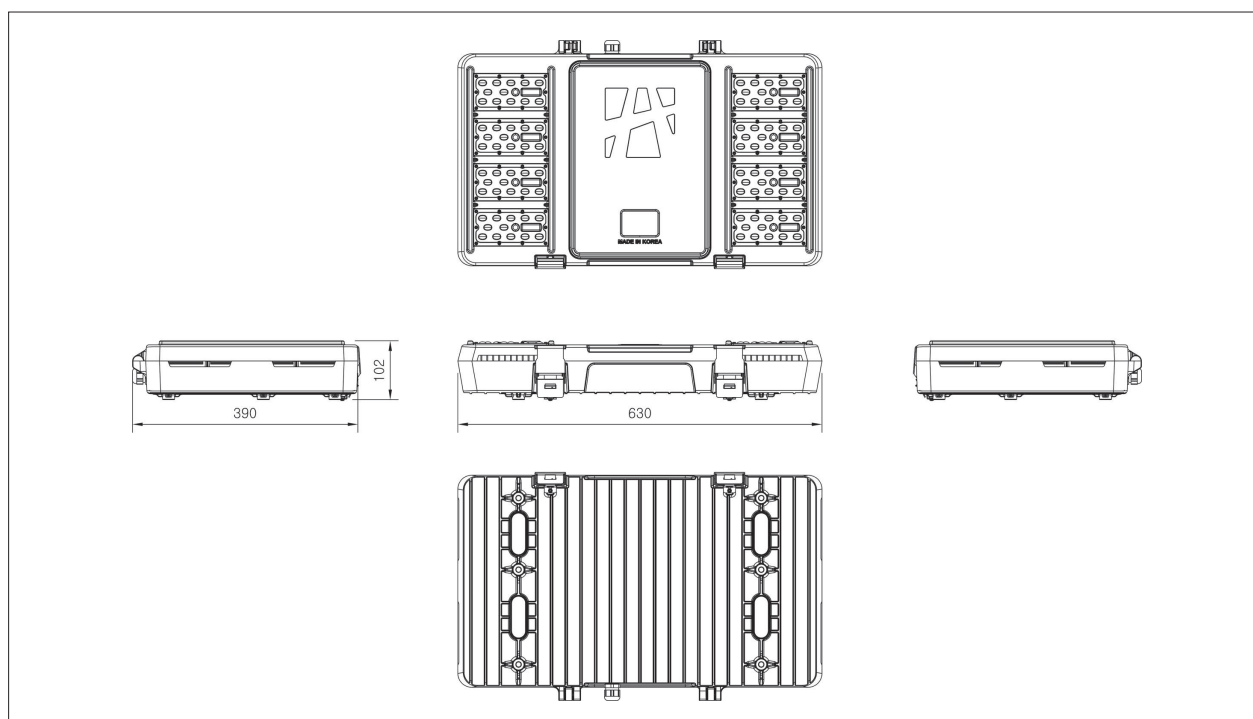
LED Tunnel Light

MARU200



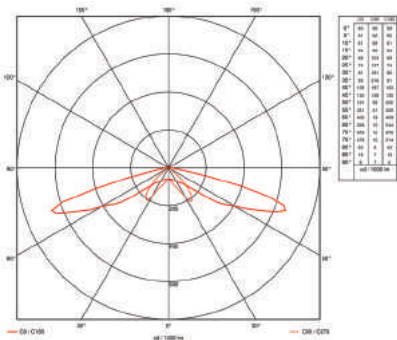
Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-TL423	630X390X102	150	21 000	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS
ATL-TL424		200	28 000				

DRAWING



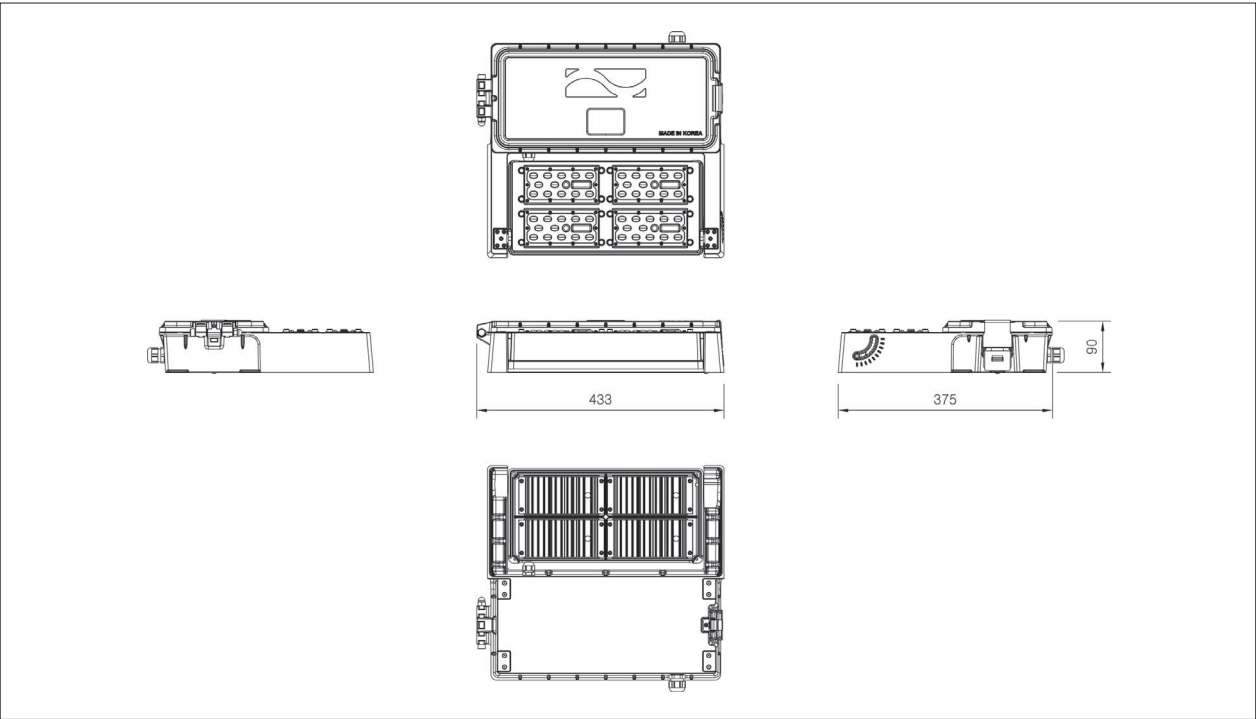
LED Tunnel Light

DAON



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-TL411	433X375X90	75	10 500	Over 140	4000 or 5000	70 or 75 or 80	Internal SMPS
ATL-TL412		100	14 000				

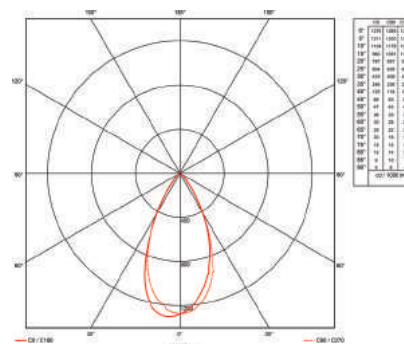
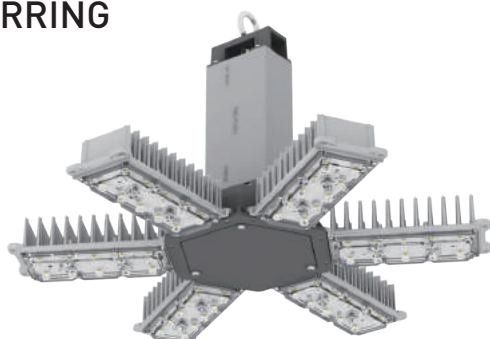
DRAWING



Outdoor Lighting

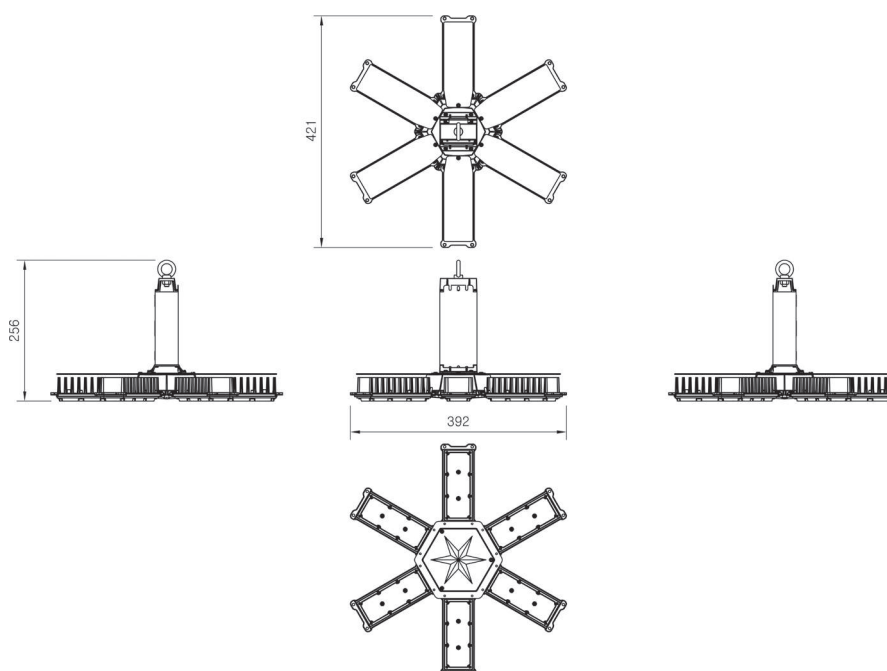
LED Flood Light

STARRING



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-HL401	392X261X256	100	11 000	Over 110	5700	75	
ATL-HL402	392X421X256	150	16 500				

DRAWING

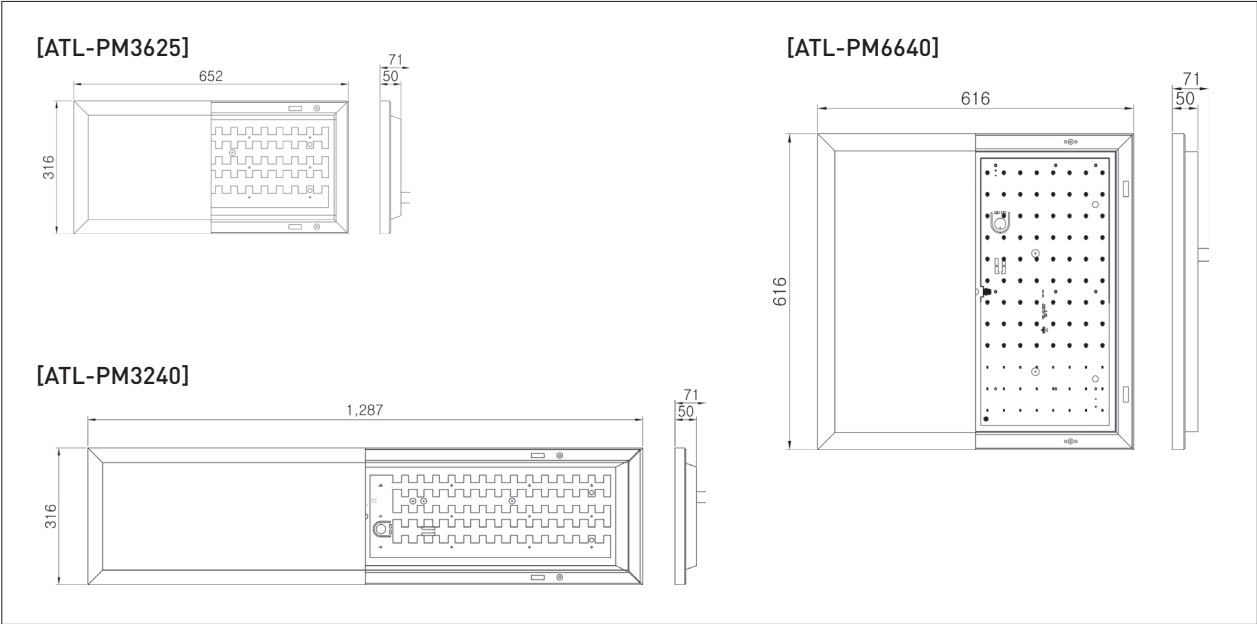


LED Panel Light M Type



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-PM3625	316X652X50	25	Over 2625	Over 105	5700	80	
ATL-PM6640	616X616X50	40	Over 4400	Over 110			
ATL-PM3240	316X1287X50	40	Over 4400	Over 110			
ATL-PM3240-N	315X1278X40	40	Over 4400	Over 110			

DRAWING

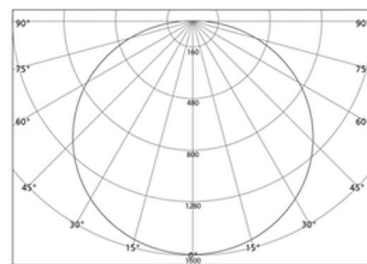


06

실내조명

Indoor Lighting

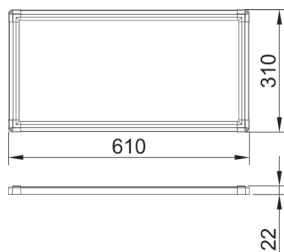
LED Panel Light E Type



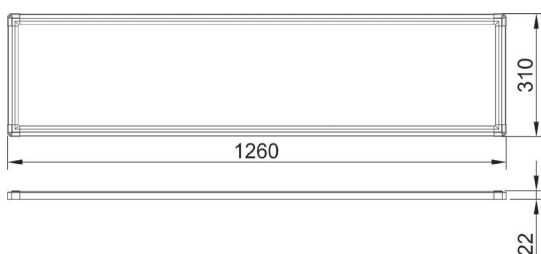
Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-PE3625	310X610X22	25	Over 2625	Over 105	5700	80	
ATL-PE6640	610X610X22	40	Over 4400	Over 110			
ATL-PE3240	310X1260X22	40	Over 4400	Over 110			

DRAWING

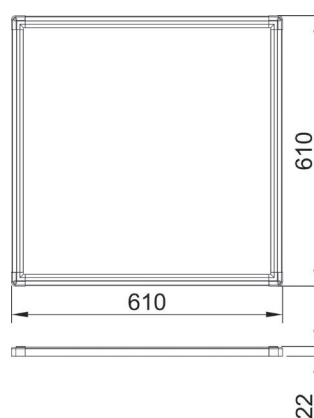
[ATL-PE3625]



[ATL-PE3240]



[ATL-PE6640]

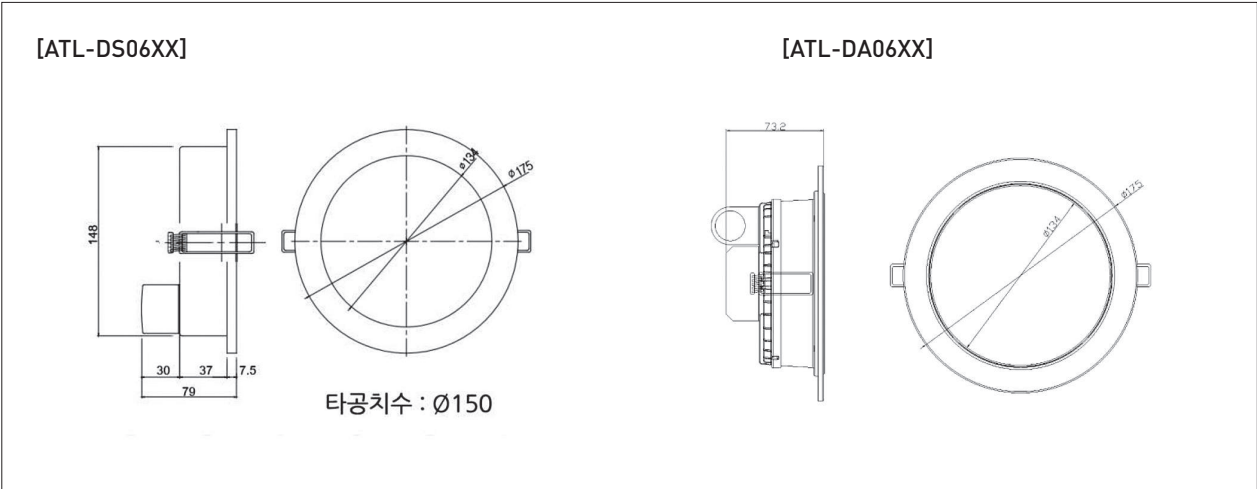


LED Down Light



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-DS0610	ø 175X79	10	Over 1000	Over 100	5700	80	STEEL,PC
ATL-DS0612	ø 175X79	12	Over 1320	Over 105			
ATL-DS0615	ø 175X79	15	Over 1650	Over 105			
ATL-DA0610	ø 175X85	10	Over 1000	Over 100			AL,PC
ATL-DA0612	ø 175X85	12	Over 1320	Over 105			
ATL-DA0615	ø 175X85	15	Over 1650	Over 105			
ATL-DA0620	ø 175X85	20	Over 2100	Over 105			

DRAWING

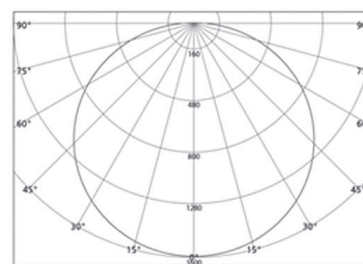


06

실내조명

Indoor Lighting

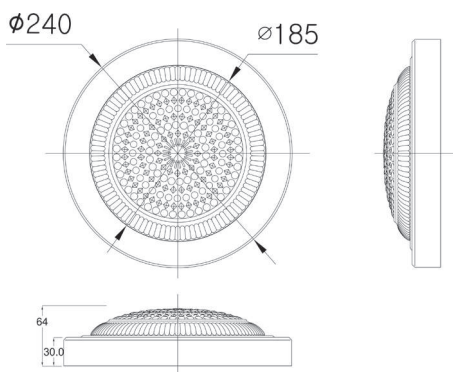
LED Ceiling Light, Sensor Light



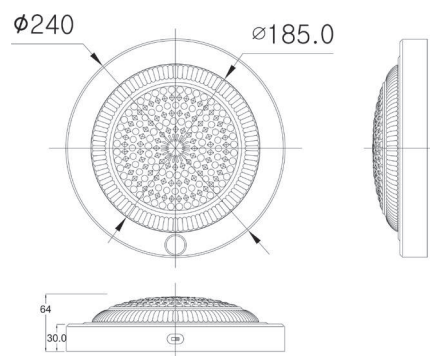
Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-CC2412	ø 240X64	12	Over 1260	Over 105	5700	80	
ATL-CS2412	ø 240X64	12	Over 1260				PIR SENSOR

DRAWING

[ATL-CC2412]



[ATL-CS2412]

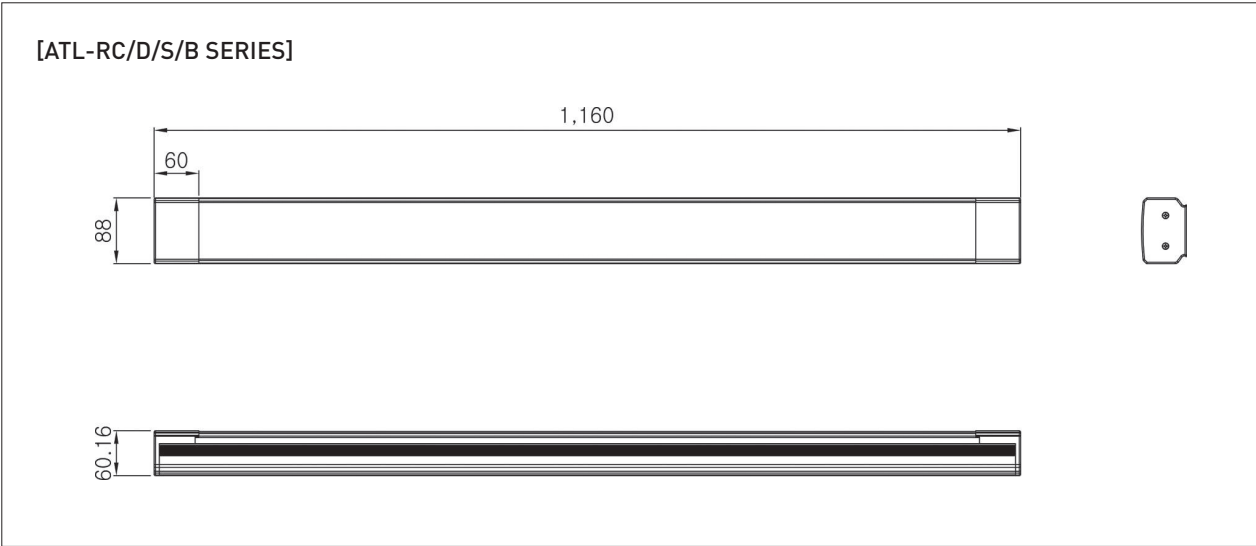


LED Raceway Light



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-RC2818	1160X88	18	Over 1890	Over 105	5700	80	
ATL-RC2836	1160X88	36	Over 3960	Over 110			
ATL-RD2836	1160X88	36	Over 3960	Over 110			Pipe Pendant
ATL-RS2836	1160X88	36	Over 3960	Over 110			PIR, Microwave Sensor
ATL-RB2820	1160X88	20	Over 2100	Over 105			Angle Brk

DRAWING

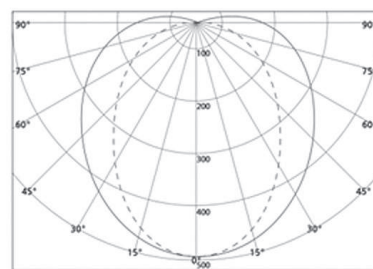


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실내조명

Indoor Lighting

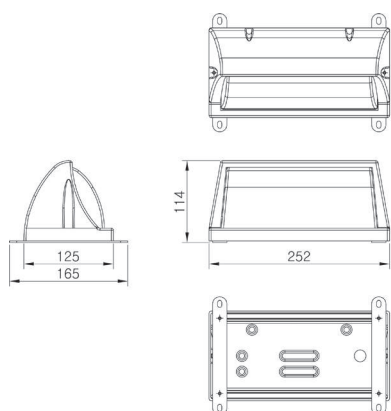
LED Wall Light



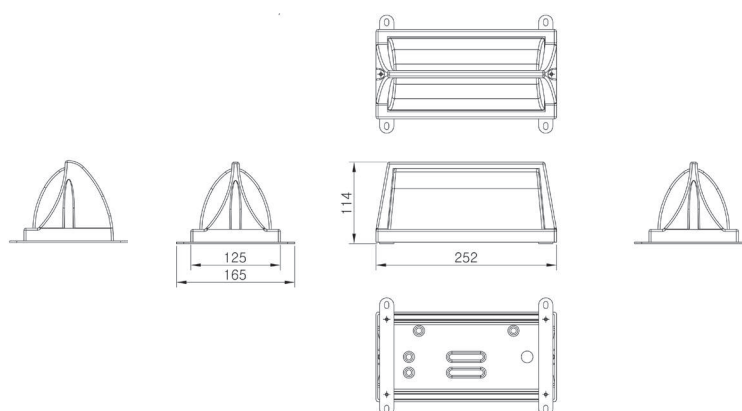
Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-WP5615	252X125X114	15	Over 1575	Over 105	5700	80	
ATL-WP5630	252X125X114	30	Over 3300	Over 110			

DRAWING

[ATL-WP5615]



[ATL-WP5630]

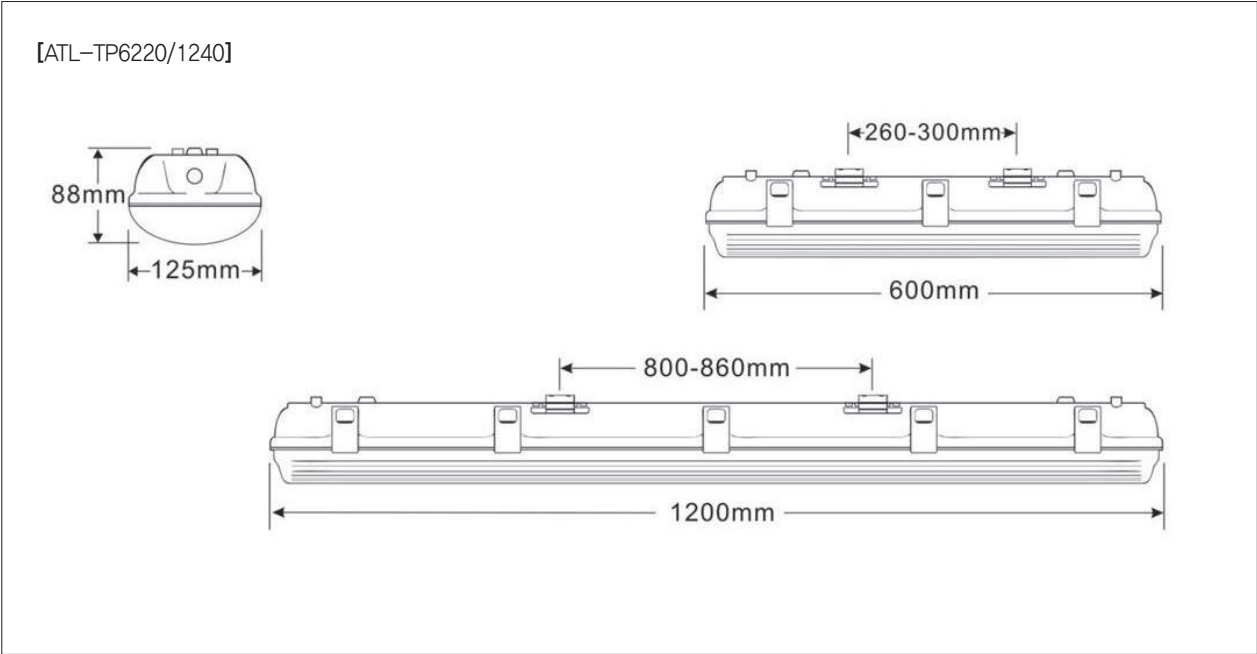


LED Tri-Proof Light



Model No.	Size(mm)	Power Consumption(W)	Luminous flux(lm)	Luminous Efficiency(lm/W)	Color Temperature(K)	CRI	Note
ATL-TP6220	600X125X88	20	Over 2100	Over 105	5700	80	
ATL-TP1240	1200X125X88	40	Over 4400	Over 110			

DRAWING





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