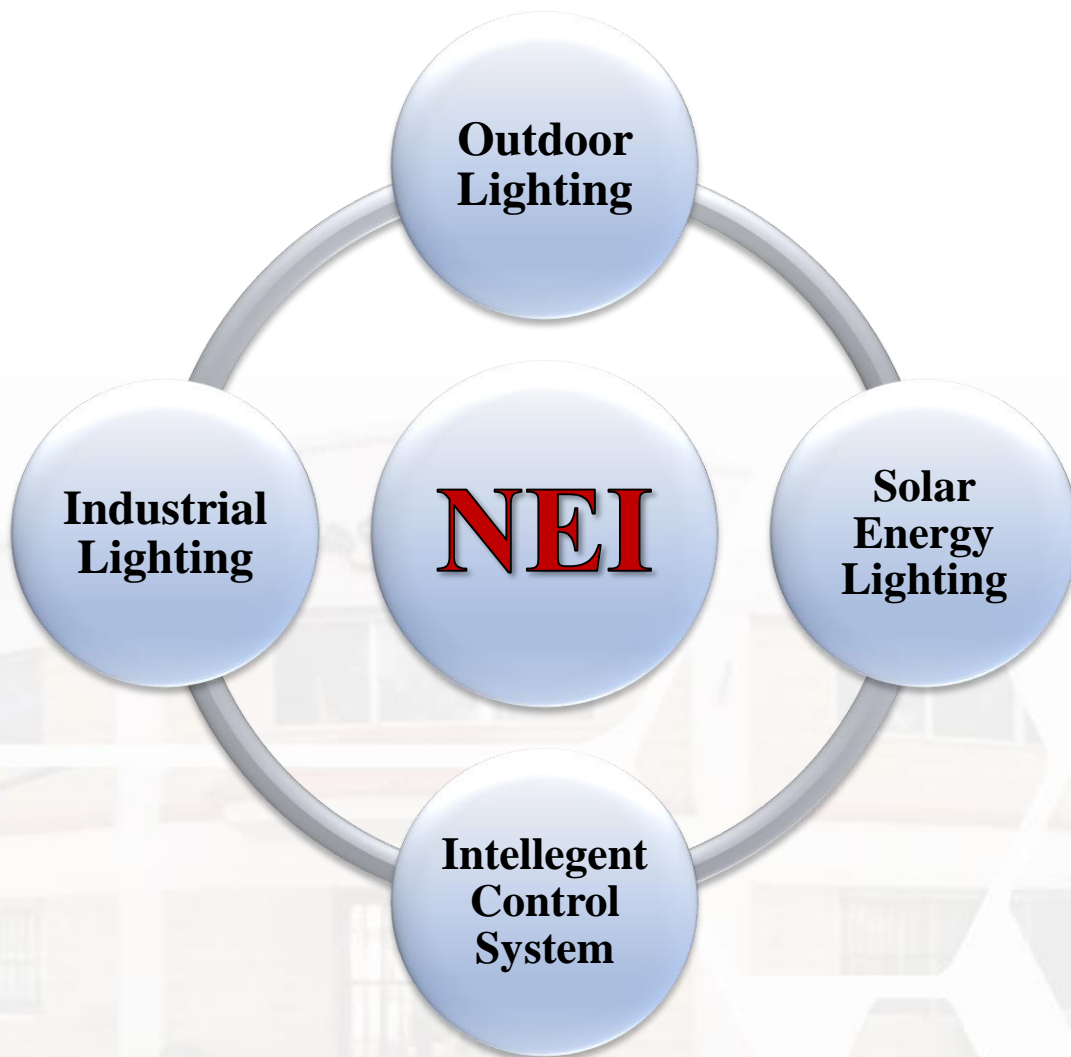


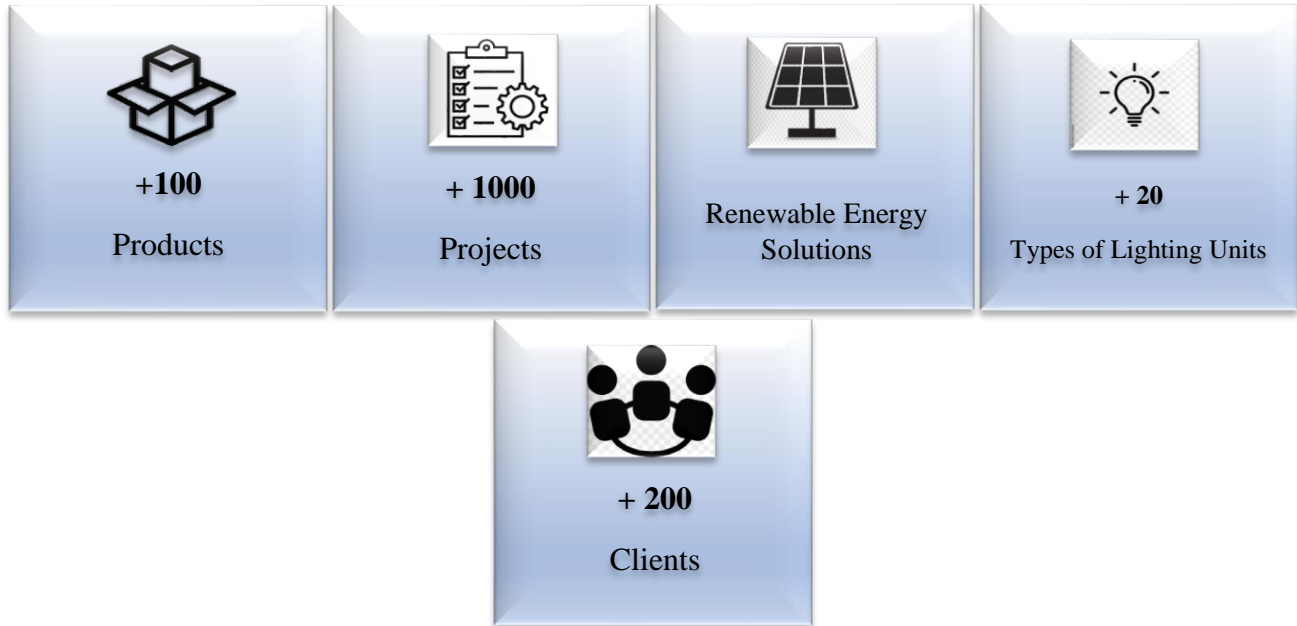
Products Catalogue





LM-80 LM-82-12 LM-79 IEC 62722 IEC 62471 IK09

Brief Introduction about NEI



Who NEI?

Portfolio

*Established

* Factory Scale

* Average Capacity

* Pro R&D team

Since

1984

Factories and Offices

9500 m²

Per Day

2000 PCS

Engineers and Technicians

30+

Milestone

More than **200+ clients** used NEI products all over the Hashemite Kingdom of Jordan

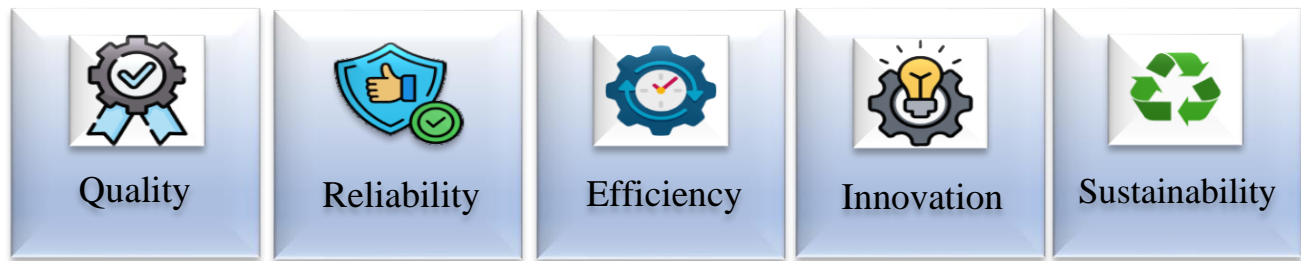
For a **105,000-unit streetlight project, solution**, optimized for light distribution, outperformed a competitor, helping the client with the project.

One of the first **Jordanian companies recognized** by the Jordanian government institutes in various lighting projects, aiding it winning many contracts.

We have offered **tool-less** maintenance street lights, offering eco-friendly and cost-effective.

New High-efficiency lighting system with a luminous efficacy of **160 Lm/W**

Our Core Values



Mission

We bring success to our client, **ensure the best quality of products** and care for people by delivering the best results and outcome in projects.

Our factory believes in **developing and raising the efficiency of our products** to maintain our support to our customers and their confidence in our products.

Merits

Unique and creative solutions that meet the client's expectations.

Continuous search for opportunities

Creative approaches to the client's special needs

Team work professional quality of services provided by a highly motivated team.

Strong technical background.

16/7 Availability

Health and Safety

Our policy in work is always to look at what we believe is most important which is health and safety and our main goals in this field are:

Minimize the possibility of **any injury, harm or hurt.**

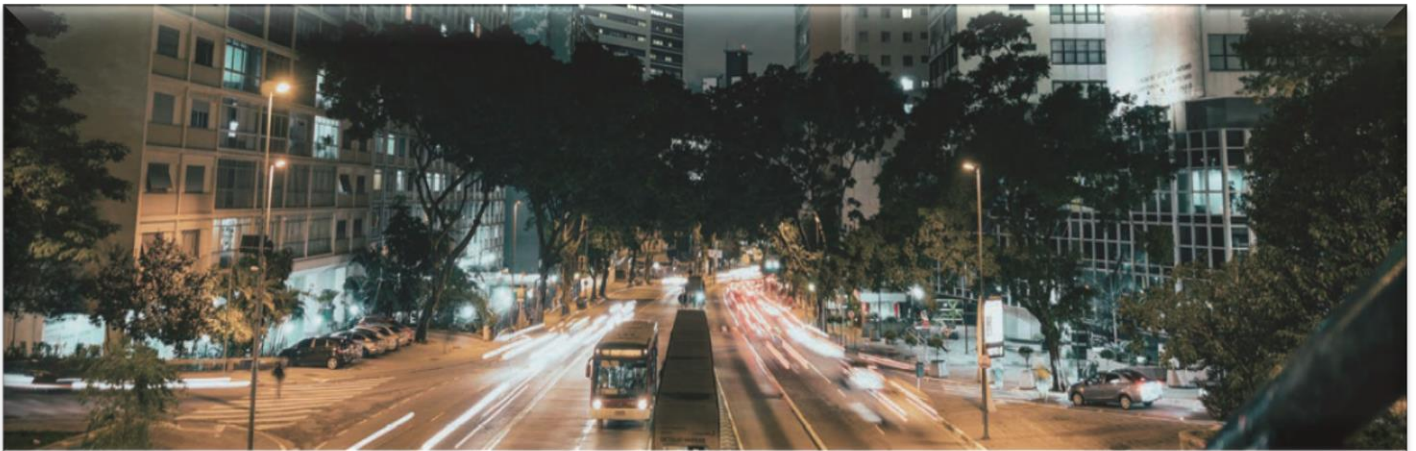
Set up full instructions on how to **deal with incidents and accidents.**

Create work friendly site **taking into consideration all possible hazards** on employees, property

Ensure preservation of environment.

The plan is intended to **minimize loss, meet regulatory compliance requirements and implement site safety regulations at the project** sites and factory.

Social Responsibility- We are helping



People

To boost their productivity by providing high-quality lighting with safety and comfort, minimal glare to keep operations smooth.



Venues

Good lighting built to withstand tough environments, while also providing powerful light, ensuring the ideal light solution for the spaces and venues



Environments

We offer efficient, low energy solutions, with minimal maintenance for cost saving and optimal lighting harmony.

Why is NEI?

6 key advantages to support your business



Project Protection

Private made, agreements, and approvals



Triangle Customer Service

Consultant-style service, sales, operation, and tech team support



Maintenance assurance

Maintenance contracts for the provided products to ensure product high performance



Project Simulation Service

Optical Design, project simulation and optimization



Delivery Assurance

Excellent supply chain integration management to ensure timely delivery



Financial Support

Responsible payment term planning to ensure smooth project execution.

QC and aftersales service



Quality assured, with customer complaints <0.1



Major testing facilities, quality guaranteed



Quality inspection procedures



After-sales response within 24-Hours resolution in 48 Hours

Sophisticated Solutions for Tailor Made Project



International Strategic Partners



We have established long-term, stable partnerships with multiple reputable suppliers to ensure the quality of raw materials, components, and a dependable supply.

Our Clients

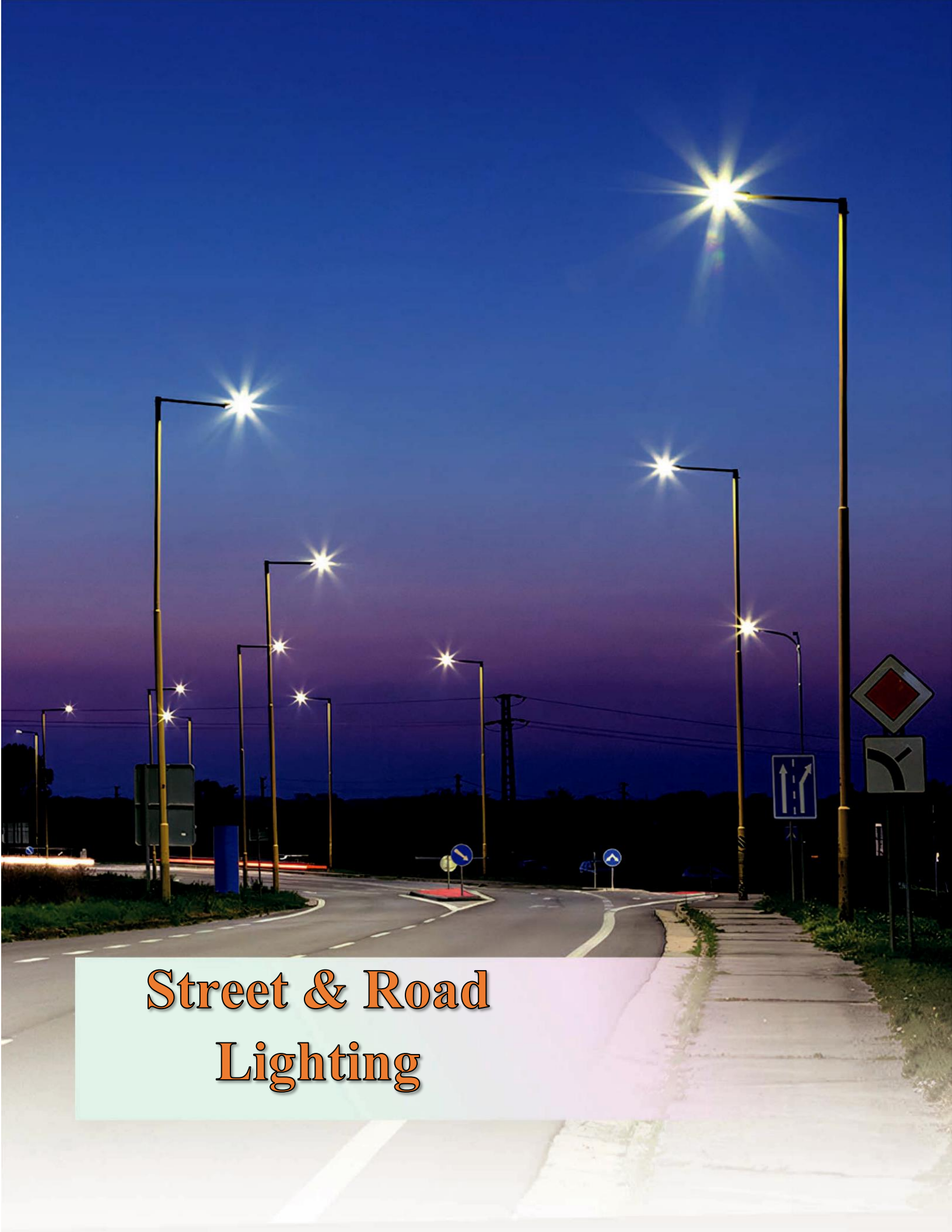


Extensive Project Experience



**OVER 1000,000 +
Luminaires**






Street & Road Lighting

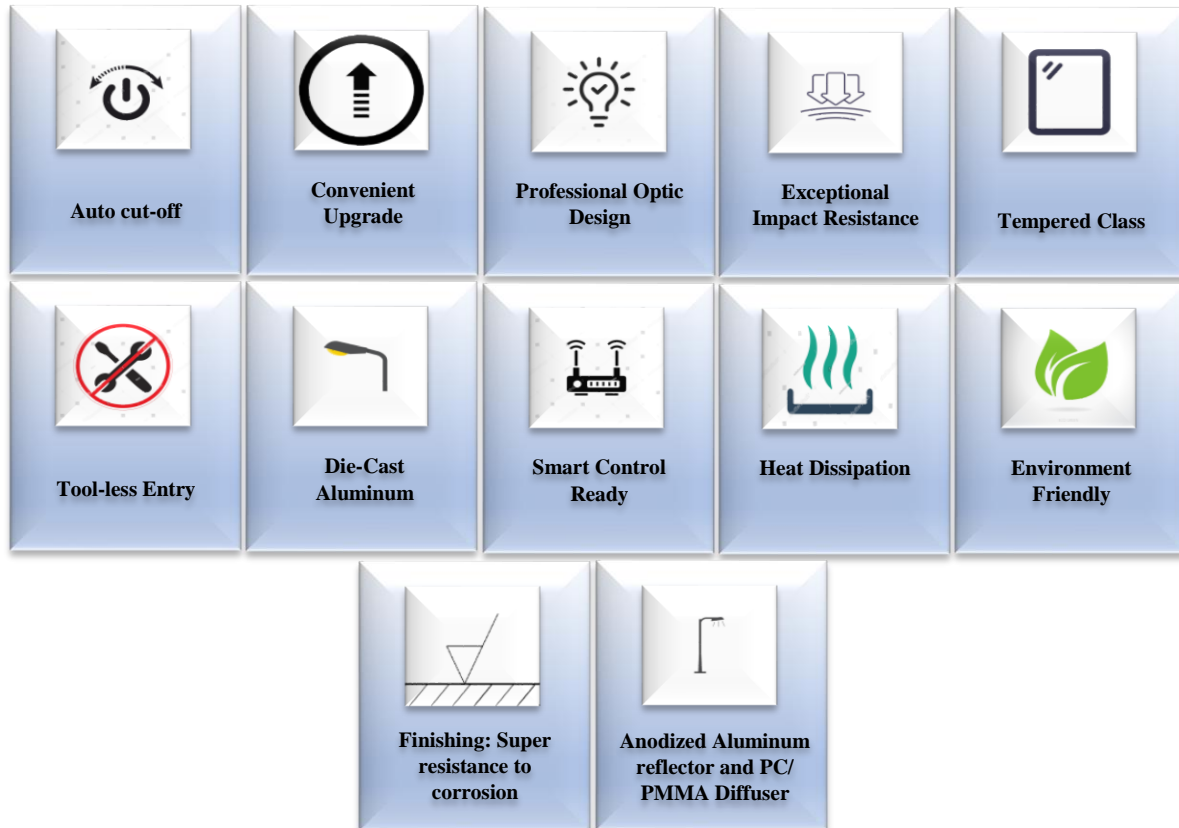


High Efficiency up to **170lm/w**



Warranty +7 Years	> 60,000 HRS	IP 66 IK 09	Efficiency 160 lm/W	AUTO CUT-OFF Safety Protected (Optional)			
0-10V DIM	Astro DIM	CCT 2200K ~ 6500K ~	CRI > 70Ra	ULR =0%	Storage Temperature -40°C~85°C	Operating Temperature -40°C~80°C	Ambient Environment -40°C~55°C
10KV Surge Protection	P.F >0.95	90-305 VAC 50HZ	THD 7%	Photocell Sensor	NEMA Socket	Zhaga Socket	Step DIM
CLASS I AND CLASS II	CE Certificate	EMC Certificate	ENEC Certificate	CB Certificate	IEC Certificate	LM-79 Certificate	

Key Features



2200K – 6500K
CCT Available

JAD Street Lighting Units are connected-ready and can operate with various sensors and smart lighting control

Parameter Reference (JAD 13 NAA)

Electrical Data							
LEDs	24						
Current	300 – 1050 mA						
Power	30w - 60w						
PF	> 0.95						
V/HZ	90-305V / 50-60HZ						
Driver	INVENTRONICS / PHILIPS / OSRAM						
Control Option	DALI, 0-10V, Astro DIM, Step DIM, Smart Control Ready						
Photometric Data							
Efficacy	Up to 170lm/w						
Luminous flux	5100lm Up to 10200lm						
CRI	> 70 Ra						
CCT	> 4000K						
Beam Angle	TYPE I K51 / TYPE II K13 / TYPE II K33 / TYPE III K19 / TYPE III K74 / TYPE III K50 / TYPE IV K15 / TYPE IV K6863/ TYPE V K46						
LED Model	Seoul 5050						
Lens	Polycarbonate						
Optical Cover	Tempered Glass						
Mechanical Data							
Dimensions	539 x 248 x 132 mm						
Mounting	Side fitting / Top fitting						
Installation Pipe	Ø48mm / Ø60mm / Ø76mm						
Technical Data							
Pole Height	6m – 8m						
MAX wind Load Area	0.12						
Weight	3.5 kg						
Logistics Data							
JAD 13 NAA	Carton	Quantity	Quantity	Net Weight (Kg)		Gross Weight (Kg)	
	Size (mm)	per carton (Pcs)	Per container (Pcs)	Per 1Pcs	Per Container	Per 1Pcs	Per Container
20FT Container (5.85*3.23*2.15)	560*260*150	1	1400	3.5	4900	4.2	5880
40GP Container (11.8*2.13*2.18)	560*260*150	1	2600	3.5	9100	4.2	10920
40HQ Container (11.8*2.13*2.72)	560*260*150	1	3250	3.5	11375	4.2	13650

Parameter Reference (JAD 14 NAA)

Electrical Data							
LEDs	48		54		72		
Current (mA)	300 – 1050 mA						
Power (W)	65W – 150W						
PF	> 0.95						
V/Hz	90-305V / 50-60HZ						
Driver	INVENTRONICS / PHILIPS / OSRAM						
Control Option	DALI, 0-10V, Astro DIM, Step DIM, Smart Control Ready						
Photometric Data							
Efficacy	Up to 170lm/w						
Luminous flux	11050lm/w Up to 25500lm/w						
CRI	> 70 Ra						
CCT	> 4000K						
Beam Angle	TYPE I K51 / TYPE II K13 / TYPE II K33 / TYPE III K19 / TYPE III K74 / TYPE III K50 / TYPE IV K15 / TYPE IV K6863/ TYPE V K46						
LED Model	Seoul 5050						
Lens	Polycarbonate						
Optical Cover	Tempered Glass						
Mechanical Data							
Area	647 x 265 x 148 mm						
Mounting	Side fitting / Top fitting						
Installation Pipe	Ø48mm / Ø60mm / Ø76mm						
Technical Data							
Pole Height	6m – 16m						
MAX wind Load Area	0.17						
Weight	5 kg						
Logistics Data							
JAD 14 NAA	Carton	Quantity	Quantity	Net Weight (Kg)		Gross Weight (Kg)	
	Size (mm)	per carton (Pcs)	Per container (Pcs)	Per 1Pcs	Per Container	Per 1Pcs	Per Container
20FT Container (5.85*3.23*2.15)	660*285*180	1	850	5	4250	5.9	5015
40GP Container (11.8*2.13*2.18)	660*285*180	1	1600	5	8000	5.9	9440
40HQ Container (11.8*2.13*2.72)	660*285*180	1	2000	5	10000	5.9	11800

Parameter Reference (JAD 15 NAA)

Electrical Data							
LEDs	72			80			
Current (mA)	300 – 1050 mA						
Power (W)	155W – 200W						
PF	> 0.95						
V/HZ	90-305V / 50-60HZ						
Driver	INVENTRONICS / PHILIPS / OSRAM						
Control Option	DALI, 0-10V, Astro DIM, Step DIM, Smart Control Ready						
Photometric Data							
Efficacy	Up to 170lm/w						
Luminous flux	26,350lm/w – 34,000lm/w						
CRI	> 70 Ra						
CCT	> 4000K						
Beam Angle	TYPE I K51 / TYPE II K13 / TYPE II K33 / TYPE III K19 / TYPE III K74 / TYPE III K50 / TYPE IV K15 / TYPE IV K6863/ TYPE V K46						
LED Model	Seoul 5050						
Lens	Polycarbonate						
Optical Cover	Tempered Glass						
Mechanical Data							
Area	769 x 339 x 151 mm						
Mounting	Side fitting / Top fitting						
Installation Pipe	Ø48mm / Ø60mm / Ø76mm						
Technical Data							
Pole Height	6m – 16m						
MAX wind Load Area	0.22						
Weight	9 kg						
Logistics Data							
JAD 15 NAA	Carton	Quantity	Quantity	Net Weight (Kg)		Gross Weight (Kg)	
	Size (mm)	per carton (Pcs)	Per container (Pcs)	Per 1Pcs	Per Container	Per 1Pcs	Per Container
20FT Container (5.85*3.23*2.15)	780*370*185	1	560	9	5040	11	6160
40GP Container (11.8*2.13*2.18)	780*370*185	1	1100	9	9900	11	12100
40HQ Container (11.8*2.13*2.72)	780*370*185	1	1380	9	12420	11	15180


REVOLT 78

High Lumen Output
up to **170** lm/w

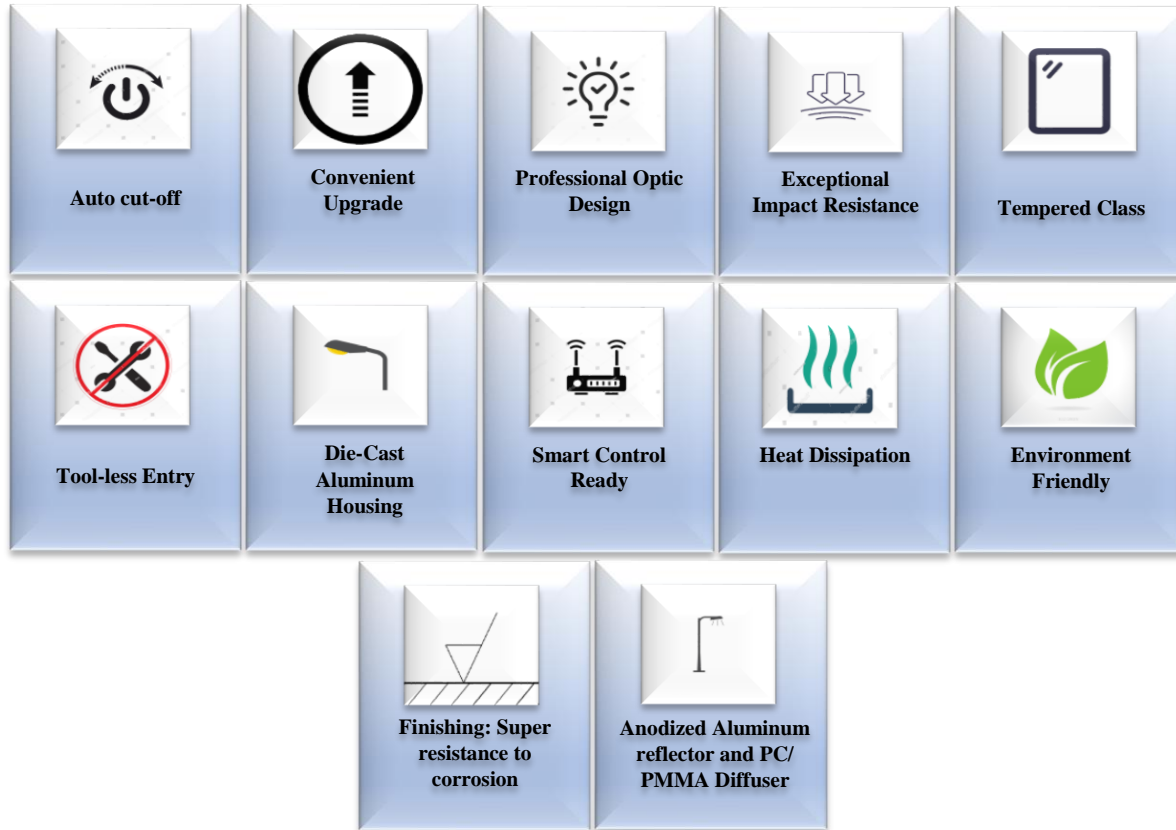


REVOLT 74



CE Certificate	LM-79 Certificate	Operating Temperature -20°C~50°C		
EMC Certificate	CLASS I AND CLASS II	P.F >0.95	Ambient Environment -40°C~55°C	AUTO CUT-OFF Safety Protected (Optional)
ENEC Certificate	Warranty +7 Years	IP 66 IK 09	Efficiency 160 lm/W	90-305 VAC 50 - 60HZ
CB Certificate	ULR =0%	0-10V DIM	Astro DIM	CCT 2200K ~ 6500K ~
IEC Certificate	Photocell Sensor	NEMA Socket	Zhaga Socket	10KV Surge Protection
Humidity 10%-90% RH	Step DIM		CRI > 70Ra	> 60,000 HRs @ 25°C

Key Features



2200K – 6500K
CCT Available

JAD Street Lighting Units are connected-ready and can operate with various sensors and smart lighting control

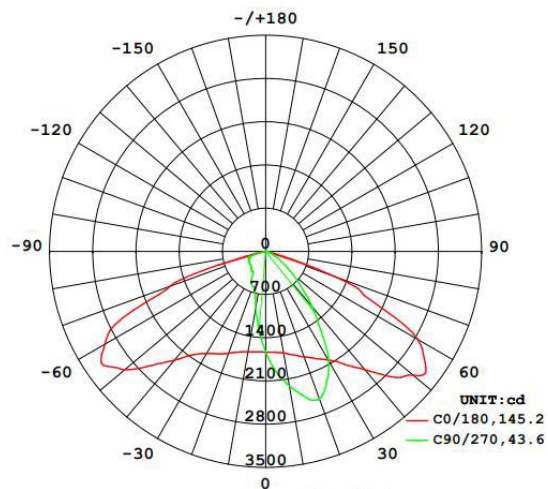
Parameter Reference (REVOLT 78)

Electrical Data							
LEDs	36		54		72		
Current	300 – 1050mA		300 – 1050mA		300 – 1050mA		
Power	34 – 123W		49.6 – 171.8W		65.1 – 169.6W		
PF	> 0.95						
V/HZ	90-305V / 50-60HZ						
Driver	INVENTRONICS / PHILIPS / OSRAM						
Control Option	DALI, 0-10V, Astro DIM, Step DIM, Smart Control Ready						
Photometric Data							
Efficacy	Up to 160lm/w						
Luminous flux	5440 – 19680lm		8000lm – 27,200lm		10,400lm – 27,200lm		
CRI	> 70 Ra						
CCT	> 4000K						
Beam Angle	TYPE II K13						
LED Model	Seoul 5050						
Board type	SMD						
Lens	Polycarbonate						
Optical Cover	Tempered Glass						
Mechanical Data							
Dimensions	770 x 341.5 x 143 mm						
Mounting	Side fitting / Top fitting ± 15						
Installation Pipe	Ø48mm / Ø60mm / Ø76mm						
Technical Data							
Pole Height	6m – 12m						
MAX wind Load Area	0.23m ²						
Weight	10 kg						
Logistics Data							
REVOLT 78	Carton	Quantity	Quantity	Net Weight (Kg)		Gross Weight (Kg)	
	Size (mm)	per carton (Pcs)	Per container (Pcs)	Per 1Pcs	Per Container	Per 1Pcs	Per Container
20FT Container (5.85*3.23*2.15)	785*355*200	1	850	10	8,500	11	9,350
40GP Container (11.8*2.13*2.18)	785*355*200	1	1600	10	16,000	11	17,600
40HQ Container (11.8*2.13*2.72)	785*355*200	1	2000	10	20,000	11	22,000

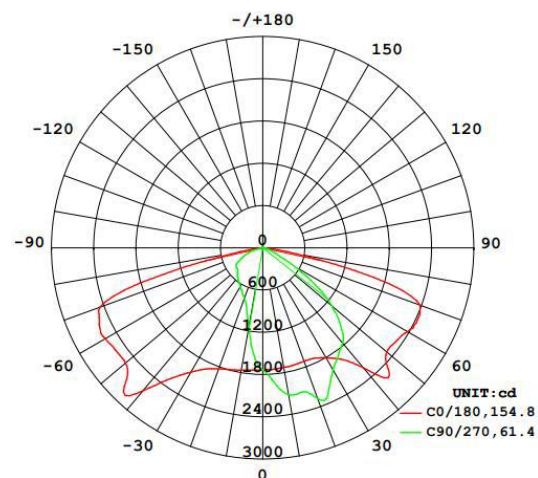
Parameter Reference (REVOLT 74)

Electrical Data							
LEDs	24			36			
Current	300 – 1050mA			300 – 1050mA			
Power	15.8 – 54.8W			34 – 100W			
PF	> 0.95						
V/HZ	90-305V / 50-60HZ						
Driver	INVENTRONICS / PHILIPS / OSRAM						
Control Option	DALI, 0-10V, Astro DIM, Step DIM, Smart Control Ready						
Photometric Data							
Efficacy	Up to 160lm/w						
Luminous flux	2528lm – 8,768lm			5,440lm – 16,000lm			
CRI	> 70 Ra						
CCT	> 4000K						
Beam Angle	TYPE II K13						
LED Model	Seoul 5050						
Board type	SMD						
Lens	Polycarbonate						
Optical Cover	Tempered Glass						
Mechanical Data							
Dimensions	649 x 273 x 140 mm						
Mounting	Side fitting / Top fitting ± 15						
Installation Pipe	Ø48mm / Ø60mm / Ø76mm						
Technical Data							
Pole Height	10m – 12m						
MAX wind Load Area	0.15m ²						
Weight	5 kg						
Logistics Data							
REVOLT 74	Carton	Quantity	Quantity	Net Weight (Kg)		Gross Weight (Kg)	
	Size (mm)	per carton (Pcs)	Per container (Pcs)	Per 1Pcs	Per Container	Per 1Pcs	Per Container
20FT Container (5.85*3.23*2.15)	660*280*175	1	1400	5	7000	5.9	8,260
40GP Container (11.8*2.13*2.18)	660*280*175	1	2600	5	13000	5.9	15,340
40HQ Container (11.8*2.13*2.72)	660*280*175	1	3250	5	16250	5.9	19,175

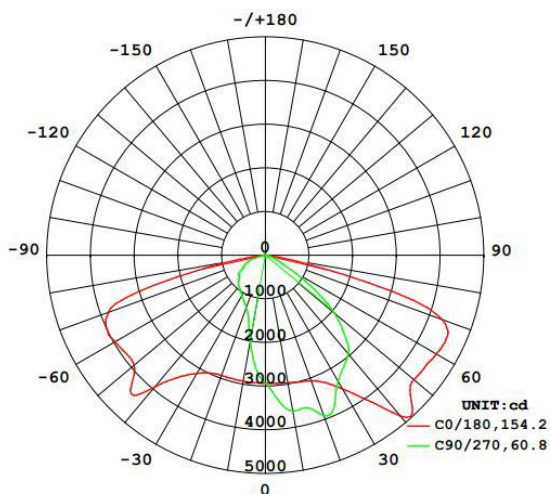
Luminous Intensity Distribution Diagram



REVOLT74 30W



REVOLT74 40W



REVOLT74 70W


NAT1 – LED Street Light

Power: 80W – 300W














Lumen output

Up to **54,600** lm

2700K ~ 6500K	L70 >100,000 HRS @25°C	100 – 277VAC 50 / 60HZ	THD ≤ 10%	CLASS I AND CLASS II		3G VIBRATION TESTING PASSED
IP 66 IK 09	CRI Ra70/80/90	ULR = 0%	Operating Temperature -40°C~55°C	Free-Tool Adjustable BRACKET	DIM	

Key Features

 Auto Cut-off	 Convenient Upgrade	 Professional Optic Design	 Exceptional Impact Resistance	 Tempered Glass	 Efficient Heat Dissipation
 Tool-less Entry	 DALI Control	 Casambi Supported	 Smart Control Ready	 Environmental Friendly	

2200K – 6500K
CCT Available

NAT Street Lighting is connected ready and can operate with various sensors and smart lighting control systems.

Reference Parameter (NAT 1)

Power	80W	90W	100W	120W	130W	140W	150W	
Driver	Inventories / Sosen / Philips. Class 1/ Class 2, EU							
Control Option	DALI, 1-10V/ PWM / timer dimming, Nema, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.							
Photometric Data								
Luminous flux (lm) (CRI 70Ra, 5000K) (Std Dev ±5%)	T201-(85*150°)	11520lm	12870lm	14100lm	16440lm	17550lm	18200lm	19200lm
	T211-(110*155°)	11440lm	12780lm	14000lm	16320lm	17420lm	18060lm	19050lm
	T221-(75*150°)	12320lm	13680lm	15000lm	17400lm	18590lm	19740lm	20850lm
	T301-(100*160°)	11280lm	12600lm	13800lm	16080lm	17160lm	17780lm	18750lm
	T311-(90*150°)	11440lm	12780lm	14000lm	16320lm	17420lm	18060lm	19050lm
	T321-(100*145°)	12320lm	13680lm	15000lm	17400lm	18590lm	19740lm	20850lm
	T411-(115*145°)	11440lm	12780lm	14000lm	16320lm	17420lm	18060lm	19050lm
	T2(105*160°)/ T3(115*160°)/ T5(150*150°) @A5050	15200lm	16920lm	18700lm	22200lm	24700lm	26460lm	28200lm
Beam Angle	Type-II (85*150°, 110*155°, 75*150°,105*160°) / Type III (100*160°, 90*150°, 100*145°,115*160°) / Type IV (115*145°) / Type V (150*150°)							
LED Model	Lumileds 3030, 5050 / Seoul 3030, 5050 / A5050							
Lens	Polycarbonate + tempered glass (5mmthick)				Polycarbonate + tempered glass (4mmthick)			
Mechanical Data								
SCx	Front: 0.014m ² ; Side: 0.0214m ²				Front: 0.0219m ² ; Side: 0.035m ²			
Mounting	Side Entry				Side Entry/Post Top			
Others								
Product Size	470*230*79mm/ 18.5*9.1*3.1 inches				25.4*9.4*5.4 inches / 646*240*137mm			
Net Weight	3.1kg / 6.83 lbs				5.4kg / 11.90 lbs			
Accessories (standard)	10KV SPD, breather vent				Lid support, circuit breaker, 10KV SPD, breather vent			
Accessories (optional)	Photocell (with Nema socket)							

Power	160W	170W	180W	200W	220W	230W	300W	
Driver	Inventories / Sosen / Philips. Class 1/ Class 2, EU							
Control Option	DALI, 1-10V/ PWM / timer dimming, Nema, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.							
Photometric Data								
Luminous flux (lm) (CRI 70Ra, 5000K) (Std Dev ±5%)	T201-(85*150°)	23200lm	24310lm	25380lm	27400lm	31020lm	31970lm	39600lm
	T211-(110*155°)	23040lm	24140lm	25200lm	27200lm	30800lm	31740lm	39600lm
	T221-(75*150°)	24320lm	25500lm	26640lm	29000lm	32560lm	33580lm	42000lm
	T301-(100*160°)	22560lm	23630lm	24660lm	26600lm	30140lm	31050lm	39000lm
	T311-(90*150°)	23040lm	24140lm	25200lm	27200lm	30800lm	31740lm	39300lm
	T321-(100*145°)	24320lm	25500lm	26640lm	29000lm	32560lm	33580lm	42000lm
	T411-(115*145°)	23040lm	24140lm	25200lm	27200lm	30800lm	31740lm	39600lm
	T2(105*160°)/ T3(115*160°)/ T5(150*150°) @A5050	29920lm	31620lm	33300lm	37400lm	40920lm	42320lm	54600lm
Beam Angle	Type-II (85*150°, 110*155°, 75*150°,105*160°) / Type III (100*160°, 90*150°, 100*145°,115*160°) / Type IV (115*145°) / Type V (150*150°)							
LED Model	Lumileds 3030, 5050 / Seoul 3030, 5050 / A5050							
Lens	Polycarbonate + tempered glass (4mmthick)							
Mechanical Data								
SCx	Front: 0.0263m; Side: 0.0363m			Front: 0.0219m ² ; Side: 0.035m ²			Front: 0.0291 m ² Side: 0.433m ²	
Mounting	Side Entry				Side Entry/Post Top			
Others								
Product Size	470*230*79mm/ 18.5*9.1*3.1 inches				25.4*9.4*5.4 inches / 646*240*137mm		756*308*138mm/ 29.8*12.1*5.4 inches	
Net Weight	6.0kg / 13.23 lbs				6.8kg / 14.99 lbs		8.2kg / 18.08 lbs	
Accessories (standard)	Lid support, circuit breaker, 10 KV SPD, breather vent							
Accessories (optional)	Photocell (with Nema socket)							


NAT2 - LED Street Light

Power: 20W – 70W



Lumen output

Up to **12,740** lm

2700K ~ 6500K	L70 >100,000 HRS @25°C	100 – 277VAC 50 / 60HZ	THD ≤ 10%	CLASS I AND CLASS II		3G VIBRATION TESTING PASSED
IP 66 IK 09	CRI Ra70/80/90	ULR = 0%	Operating Temperature -40°C~55°C	Free-Tool Adjustable BRACKET	DIM	

Key Features

 Auto Cut-off	 Convenient Upgrade	 Professional Optic Design	 Exceptional Impact Resistance	 Tempered Glass	 Efficient Heat Dissipation
 Tool-less Entry	 DALI Control	 Casambi Supported	 Smart Control Ready	 Environmental Friendly	

2200K – 6500K
CCT Available

NAT Street Lighting is connected ready and can operate with various sensors and smart lighting control systems.

Reference Parameter (NAT 2)

Power	20W	30W	40W	50W	60W	70W	
Driver	Inventories / Sosen / Philips. Class 1/ Class 2, EU						
Control Option	DALI, 1-10V/ PWM / timer dimming, Nema, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.						
Photometric Data							
Luminous flux (lm) (CRI 70Ra, 5000K) (Std Dev ±5%)	T201-(85°150°)	3000lm	4230lm	6000lm	7250lm	8460lm	9380lm
	T211-(110°155°)	3000lm	4230lm	6000lm	7250lm	8460lm	9380lm
	T221-(75°150°)	3080lm	4440lm	6160lm	7550lm	8880lm	9730lm
	T301-(100°160°)	2900lm	4080lm	5800lm	7000lm	8160lm	9380lm
	T311-(90°150°)	3000lm	4230lm	6000lm	7250lm	8460lm	9100lm
	T321-(100°145°)	3080lm	4440lm	6160lm	7550lm	8880lm	9730lm
	T411-(115°145°)	3000lm	4230lm	6000lm	7250lm	8460lm	9380lm
T2(105°160°)/ T3(115°160°)/ T5(150°150°) @A5050	3800lm	5550lm	7600lm	9350lm	11100lm	12740lm	
Beam Angle	Type-II (85°150°, 110°155°, 75°150°,105°160°) / Type III (100°160°, 90°150°, 100°145°,115°160°) / Type IV (115°145°) / Type V (150°150°)						
LED Model	Lumileds 3030, 5050 / Seoul 3030, 5050 / A5050						
Lens	Polycarbonate + tempered glass (4mmthick)						
Mechanical Data							
SCx	Front: 0.0152 m; Side: 0.0272 m ²						
Mounting	Side Entry/Post Top						
Others							
Product Size	512*179*118mm / 20.2*7.0*4.6 inches						
Net Weight	2.9kg / 6.39 lbs						
Accessories (standard)	Circuit breaker, 10KV SPD, breather vent						
Accessories (optional)	Photocell (with Nema socket)						

AT LED Street Light

Quality, Honesty, and Innovation

AT - LED Street Light

Power: 20W – 200W




Lumen output

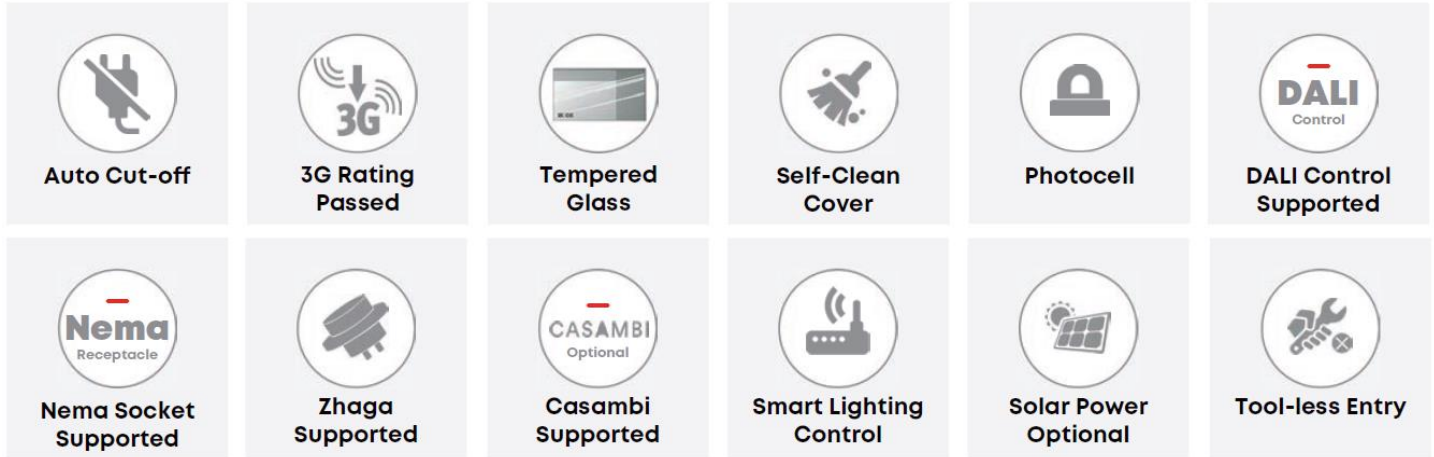
Up to **35,400** lm

L80B10 >60,000 HRS @25°C	100 – 277 50 – 60HZ	THD < 90%
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CRI Ra70/80/90	ULR = 0%	Operating Temperature -20°C~55°C	Free-Tool Adjustable BRACKET
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IP 66 IK 08	DIM		2700K ~ 6500K
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Key Features



2200K – 2700K
CCT Available

Parameter Reference (AT)

Power	20W	30W	40W	50W	60W	
Driver	Inventronics / Class 1, (Sosen, Philips, OSRAM, Moso) / Class 1, Class 2, EU					
Control Option	DALI, 1-10V/ PWM / timer dimming, Nema, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.					
Photometric Data						
Luminous flux (lm) (CRI 70Ra, 5000K) (Std Dev ±5%)	T201-12in1 (85*150°)	3000lm	4230lm	6000lm	7250lm	8460lm
	T211-12in1 (110*155°)	3000lm	4230lm	6000lm	7250lm	8460lm
	T301-12in1 (100*160°)	2900lm	4080lm	5800lm	7000lm	8160lm
	T311-12in1 (90*150°)	3000lm	4230lm	6000lm	7250lm	8460lm
	T411-12in1 (115*145°)	3000lm	4230lm	6000lm	7250lm	8460lm
	T221-16in1 (75*150°)	3080lm	4440lm	6160lm	7550lm	8880lm
	T321-16in1 (100*145°)	3080lm	4440lm	6160lm	7550lm	8880lm
	T231-24in1 (100*160°)	3120lm	4560lm	6240lm	7700lm	9120lm
	T331-24in1 (120*160°)	3120lm	4560lm	6240lm	7700lm	9120lm
	T401-24in1 (125*160°)	3120lm	4560lm	6240lm	7700lm	9120lm
	T231-24in1-Pro (100*160°)	3240lm	4740lm	6480lm	8000lm	9480lm
	T331-24in1-Pro (120*160°)	3240lm	4740lm	6480lm	8000lm	9480lm
	T401-24in1-Pro (125*160°)	3240lm	4740lm	6480lm	8000lm	9480lm
	T2(100*155°)/T3(80*155°) @Seoul 5050	3240lm	4800lm	6560lm	8100lm	9600lm
T2(105*160°)/T3(115*160°)/ T5(150*150°) @A5050	3800lm	5550lm	7600lm	9400lm	11160lm	
Beam Angle	Type-II (85*150°, 110*155°, 75*150°, 100*160°, 100*155°, 105*160°) / Type III (100*160°, 90*150°, 100*145°, 120*160°, 80*155°, 115*160°) / Type IV (125*160°, 115*145°) / Type V (150*150°)					
LED Model	Lumileds 3030, 5050 / Seoul 3030, 5050 / A5050					
Lens	Polycarbonate + tempered glass (4mmthick)					
Mechanical Data						
SCx (EPA)	Top view:0.134m ² , Side view:0.035m ²					
Mounting	Side Entry/Post Top					
Others						
Product Size	632*259*89mm / 24.88*10.2*3.5 inches					
Net Weight	6.0kg / 13.23 lbs					
Accessories (standard)	Standard SPD 10kV (EU)					
Accessories (optional)	Lid support, circuit breaker, SPD 20KV, breather vent, Nema photoelectric control socket, photoelectric controller, Zhaga socket, PIR sensor, microwave sensor.					

AT LED Street Light

Quality, Honesty, and Innovation

Power	70W	80W	90W	100W	110W	
Driver	Inventronics /Class 1, (Sosen, Philips, OSRAM, Moso) / Class 1, Class 2, EU					
Control Option	DALI, 1-10V/ PWM / timer dimming, Nema, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.					
Photometric Data						
Luminous flux (lm) (CRI 70Ra, 5000K) (Std Dev ±5%)	T201-12in1 (85*150°)	10290lm	11520lm	12690lm	13500lm	14520lm
	T211-12in1 (110*155°)	10290lm	11520lm	12690lm	13500lm	14520lm
	T301-12in1 (100*160°)	9940lm	11120lm	12240lm	13000lm	13970lm
	T311-12in1 (90*150°)	10290lm	11520lm	12690lm	13500lm	14520lm
	T411-12in1 (115*145°)	10290lm	11520lm	12690lm	13500lm	14520lm
	T221-16in1 (75*150°)	10780lm	12080lm	13320lm	14500lm	15620lm
	T321-16in1 (100*145°)	10780lm	12080lm	13320lm	14500lm	15620lm
	T231-24in1 (100*160°)	11060lm	12480lm	13860lm	15200lm	16500lm
	T331-24in1 (120*160°)	11060lm	12480lm	13860lm	15200lm	16500lm
	T401-24in1 (125*160°)	11060lm	12480lm	13860lm	15200lm	16500lm
	T231-24in1-Pro (100*160°)	11480lm	12960lm	14400lm	15800lm	17050lm
	T331-24in1-Pro (120*160°)	11480lm	12960lm	14400lm	15800lm	17050lm
	T401-24in1-Pro (125*160°)	11480lm	12960lm	14400lm	15800lm	17050lm
	T2(100*155°)/T3(80*155°) @Seoul 5050	11410lm	12960lm	14490lm	16000lm	17490lm
T2(105*160°)/T3(115*160°)/ T5(150*150°)@A5050	13300lm	15040lm	16830lm	18600lm	20350lm	
Beam Angle	Type-II (85*150°, 110*155°, 75*150°, 100*160°, 100*155°, 105*160°) / Type III (100*160°, 90*150°, 100*145°, 120*160°, 80*155°, 115*160°) / Type IV (125*160°, 115*145°) / Type V (150*150°)					
LED Model	Lumileds 3030, 5050 / Seoul 3030, 5050 / A5050					
Lens	Polycarbonate + tempered glass (4mmthick)					
Mechanical Data						
SCx (EPA)	Top view:0.103m ² , Side view:0.031m ²					
Mounting	Side Entry/Post Top					
Others						
Product Size	567*228*88mm / 22.32*8.98*3.46 inches					
Net Weight	4kg / 8.82 lbs					
Accessories (standard)	Standard SPD 10kV (EU)					
Accessories (optional)	Lid support, circuit breaker, SPD 20KV, breather vent, Nema photoelectric control socket, photoelectric controller, Zhaga socket, PIR sensor, microwave sensor.					

AT LED Street Light

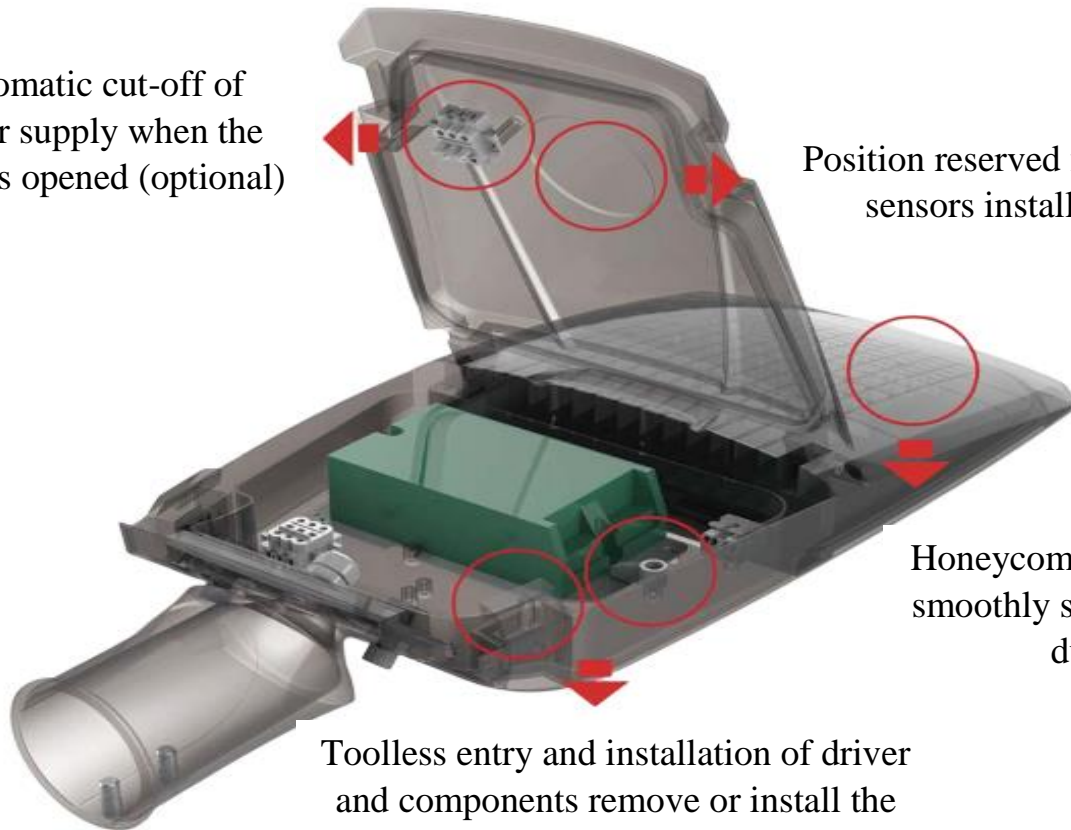
Quality, Honesty, and Innovation

Power	120W	130W	140W	150W	160W	170W	180W	200W	
Driver	Inventronics /Class 1, (Sosen, Philips, OSRAM, Moso) / Class 1, Class 2, EU								
Control Option	DALI, 1-10V/ PWM / timer dimming, Nema, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.								
Photometric Data									
Luminous flux (lm) (CRI 70Ra, 5000K) (Std Dev ±5%)	T201-12in1 (85*150°)	17520lm	18590lm	19880lm	21150lm	none	none	none	none
	T211-12in1 (110*155°)	17520lm	18590lm	19880lm	21150lm	none	none	none	none
	T301-12in1 (100*160°)	16920lm	17940lm	19180lm	20400lm	none	none	none	none
	T311-12in1 (90*150°)	17520lm	18590lm	19880lm	21150lm	none	none	none	none
	T411-12in1 (115*145°)	17520lm	18590lm	19880lm	21150lm	none	none	none	none
	T221-16in1 (75*150°)	18360lm	19500lm	20580lm	21600lm	22560lm	23460lm	24300lm	none
	T321-16in1 (100*145°)	18360lm	19500lm	20580lm	21600lm	22560lm	23460lm	24300lm	none
	T231-24in1 (100*160°)	18960lm	20410lm	21700lm	23100lm	24000lm	24990lm	25740lm	none
	T331-24in1 (120*160°)	18960lm	20410lm	21700lm	23100lm	24000lm	24990lm	25740lm	none
	T401-24in1 (125*160°)	18960lm	20410lm	21700lm	23100lm	24000lm	24990lm	25740lm	none
	T231-24in1-Pro (100*160°)	19680lm	21190lm	22540lm	24000lm	24960lm	26010lm	27000lm	none
	T331-24in1-Pro (120*160°)	19680lm	21190lm	22540lm	24000lm	24960lm	26010lm	27000lm	none
	T401-24in1-Pro (125*160°)	19680lm	21190lm	22540lm	24000lm	24960lm	26010lm	27000lm	none
	T2(100*155°)/T3(80*155°) @Seoul 5050	19320lm	20800lm	22260lm	23700lm	25120lm	26520lm	27900lm	30800lm
T2(105*160°)/T3(115*160°)/ T5(150*150°) @A5050	22440lm	24180lm	25900lm	27600lm	29120lm	30770lm	32400lm	35400lm	
Beam Angle	Type-II (85*150°, 110*155°, 75*150°, 100*160°, 100*155°, 105*160°) / Type III (100*160°, 90*150°, 100*145°, 120*160°, 80*155°, 115*160°) / Type IV (125*160°, 115*145°) / Type V (150*150°)								
LED Model	Lumileds 3030, 5050 / Seoul 3030, 5050 / A5050								
Lens	Polycarbonate + tempered glass (4mmthick)								
Mechanical Data									
SCx (EPA)	Top view:0.103m ² , Side view:0.031m ²								
Mounting	Side Entry/Post Top								
Others									
Product Size	567*228*88mm / 22.32*8.98*3.46 inches								
Net Weight	4kg / 8.82 lbs								
Accessories (standard)	Standard SPD 10kV (EU)								
Accessories (optional)	Lid support, circuit breaker, SPD 20KV, breather vent, Nema photoelectric control socket, photoelectric controller, Zhaga socket, PIR sensor, microwave sensor.								

Tool-less Cover Opening Lower Maintenance Costs

Automatic cut-off of power supply when the cover is opened (optional)

Position reserved for future sensors installation



Honeycomb heatsink design smoothly self-clean housing dustproof

Toolless entry and installation of driver and components remove or install the power module with latch optional Easy replacement and maintenance

Support solar power optional configuration, please consult for details



AT LED Street Light

Quality, Honesty, and Innovation

Smart Control Ready For Efficient Management

ILA is connected-ready and can operate with various sensors and control systems.



With motion sensor



With photocell

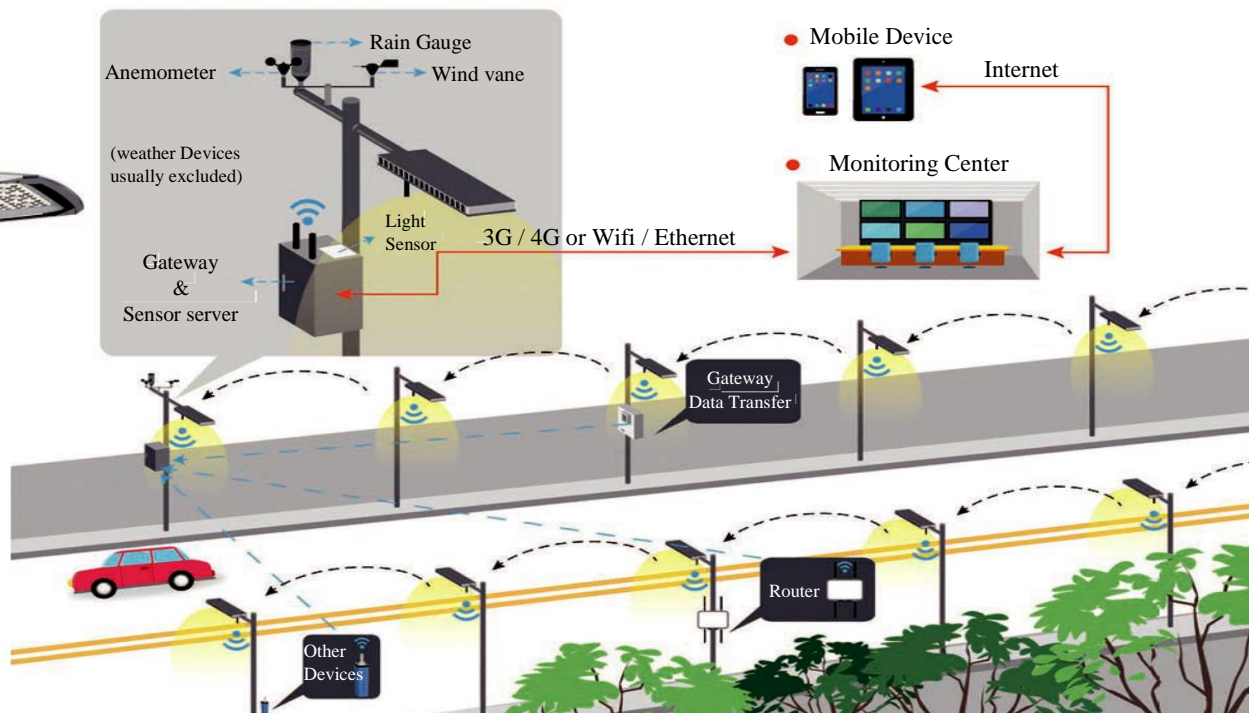


Single light controller or others



Zhaga Receptacle

Typical IOT Demonstration





GARDEN & PATH
Lighting Solution

TA LED Street Light

Quality, Honesty, and Innovation

TA - LED Street Light

Power: 25W – 300W



Lumen output

Up to **39,000** lm

L80B10

>60,000 HRS
@25°C

100 – 277VAC

50 – 60HZ

THD

< 8%

CRI

Ra70/80/90

ULR

= 0%

**Operating
Temperature**
-20°C~50°C

**Free-Tool
Adjustable
BRACKET**

**IP 66
IK 09**

DIM



**2700K
~
6500K**

Key Features



Self-Clean
Cover



Flexible
Installation



Multiple Accessories
And Options



Exceptional
Impact Resistance



2200K – 2700K
CCT Available

Parameter Reference (TA)

Power	25W	50W	75W	120W	150W	240W	300W
Driver	Sosen / Meanwell / Inventronics / Philips. Class 1/ Class 2, EU						
Control Option	DALI, 1-10V/ PWM / timer dimming, Nema, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.						
Photometric Data							
Luminous flux (lm, Std. Dev.±5%) @ CCT=4000K, CRI>70Ra	3250lm	6250lm	9000lm	13800lm	16500lm	32400lm	39000lm
Beam Angle	Type IV (83° x 142°) / Type V (143° x 146°)						
LED Model	LUMILEDS / Seoul / Others (3030)						
Lens	Polycarbonate + tempered glass (4 mm thick)						
Mechanical Data							
SCx (EPA)	0.026m ²					0.197m ²	
IP/IK Rating	IP66 / IK09, according to standard EN 60529 and EN 62262						
Mounting	Cable suspended, Side entry, Post Top I, Post Top II						
Others							
Dimension (without bracket)	Ø 460mm*80mm / Ø18.1*3.1 inches					Ø 520*91mm / Ø20.5*3.6 inches	
Net Weight	7.2 kg /15.87 lbs	7.2 kg /15.87 lbs	7.2 kg /15.87 lbs	7.7 kg /16.98 lbs	7.7 kg / 16.98 lbs	9.5 kg / 20.94 lbs	9.5 kg / 20.94 lbs

TA LED Street Light

Quality, Honesty, and Innovation

Power	25W	50W	60W
Driver	Sosen / Meanwell / Inventronics / Philips. Class 1/ Class 2, EU		
Control Option	DALI, 1-10V/ PWM / timer dimming, Nema, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.		
Photometric Data			
Luminous flux (lm, Std.Dev.±5%)	3300lm	6500lm	7800lm
Beam Angle	Type IV (83° x 142°) / Type V (143° x 146°)		
LED Model	LUMILEDS / Seoul / Others (3030)		
Lens	Polycarbonate + tempered glass(4mmthick)		
Mechanical Data			
SCx (EPA)	0.022m ²		
IP/IK Rating	IP66 / IK08, according to standard EN 60529 and EN 62262		
Mounting	Cable suspended, Side entry, Post Top I, Post Top II		
Others			
Dimension (without bracket)	Ø410*71mm/ Ø16.1*2.8 inches		
Net Weight	5.7kg / 12.57 lbs		



Flexible Installation Options





SOLAR POWER
Lighting Solution

MNJ LED Solar Garden Light

Quality, Honesty, and Innovation

MNJ – LED Solar Garden Light

Power: 10W – 30W



Lumen output

Up to **5,700** lm

L90B10
 >100,000 HRS
 @25°C

100 – 277VAC
 50 – 60HZ

THD
 < 8%

CRI
 > Ra70

ULR
 = 0%

**Operating
 Temperature**
 -10°C~50°C

**Free-Tool
 Adjustable
 BRACKET**

**IP 65
 IK 09**

DIM



**3000K
 ~
 6500K**

MNJ LED Solar Garden Light

Quality, Honesty, and Innovation

Key Features



Streamlined Design
& Wind Resistance



Long Lifespan
Li-ion Battery & MPPT



Customizable
Battery Box



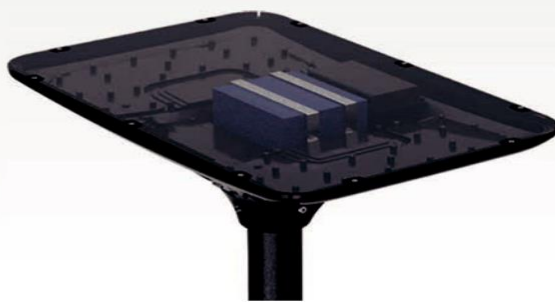
Monocrystalline
Silicon Solar Panel



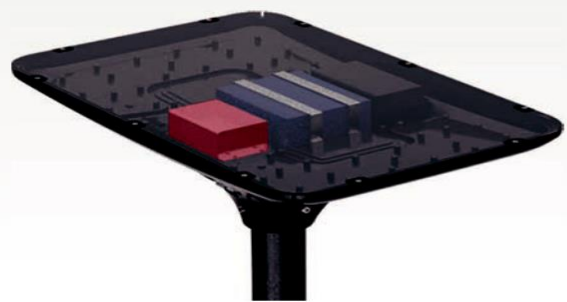
Intelligent Lighting
Control

Charging Port

Enable AC charging for added convenience and safeguard the battery during storage to prevent any damage.



Standard Configuration Version
(Solar Powered)



Grid Powered/Hybrid Grid Powered
Solutions Optional

MNJ LED Solar Garden Light

Quality, Honesty, and Innovation

Housing Color



Parameter Reference (MNJ)

Power	10W	20W	30W
Control function	MPPT intelligent controller		
Standard working mode	2H-Detected-100%, None-30%; 3H-Detected-70%, None-10%; 7H-Detected-40%, None-10%		
Photometric Data			
Lens	Polycarbonate		
Luminous flux (lm, Std Dev ±5%) (CRI 70Ra, 4000K)	1900lm	3800lm	5700lm
Mechanical Data			
Housing	Aluminum		
Mounting	Round pole (Ø60mm)		
Configuration Data			
Solar Panel	18V, 35W	18V, 35W	18V, 35W
Li-ion Battery(WH)	76.8WH	153.6WH	230.4WH
Maximum Autonomy	Operate 2-3 rainy days under intelligent model.		
Others			
SCx(EPA)	Top View - 0.249m ² (2.68ft ²); Front View - 0.045m ² (0.48ft ²); Side View - 0.042m ² (0.45ft ²)		
Product Size	570*370*180 mm / 22.5*14.6*7.1 inches		
Net Weight	6.2kg / 13.7 lbs	6.9kg / 15.2 lbs	7.5kg / 16.5 lbs

Magic All In One Solar Street Lighting

Quality, Honesty, and Innovation

Magic – All In One Solar Street Lighting

Power: 20W – 120W



Lumen output

Up to **24,000** lm

SMART
SENSOR

Optional

ROTATABLE
LED MODULE

HYBRID GRID
POWER OPTICAL

L90B10

>100,000 HRS
@25°C

100 – 277VAC

50 – 60HZ

THD

< 8%

Optional
REMOTE
CONTROL

CRI

> Ra70/80

ULR

= 0%

Operating
Temperature
-10°C~50°C

Free-Tool
Adjustable
BRACKET

IP 65
IK 09

DIM



3000K
~
6500K

Magic All In One Solar Street Lighting

Quality, Honesty, and Innovation

Key Features



Streamlined Design & Wind Resistance



Adjustable & Reinforced Bracket



Monocrystalline Silicon Solar Panel



Bifacial Solar Panel Optional



Customizable Battery Box



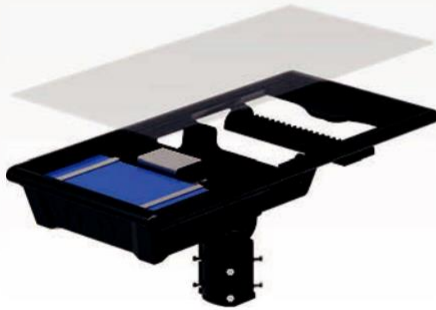
Long Lifespan Li-ion Battery & MPPT



Intelligent Lighting Control

Hybrid Grid Power Solution Optional

For Standard Configuration Version Diagram



External Power Supply

The Standard configuration for 20W to 80W, with the driver inside the battery box.
The Standard configuration for 100W to 120W, with the driver placed outside the battery box.



Adjustable reinforced bracket
3G vibration test passed



Rotatable Module ($\pm 45^\circ$)

Magic All In One Solar Street Lighting

Quality, Honesty, and Innovation

Parameter Reference (Magic)

Power	20W	30W	40W	50W	60W	80W	100W	120W	
Control Option	Photocell sensor, Timing, dimming, intelligent power saving, microwave sensor or PIR sensor.								
Standard working mode	2H-100%; 4H-Detected: 60%, None: 20%; 6H-Detected: 40%, None: 10%								
Photometric Data									
Luminous flux (lm, Std. Dev. ±5%)@CCT=5700K, CRI>70Ra	5050	4200lm	6300lm	8000lm	10500lm	12600lm	16000lm	21000lm	24000lm
Beam angle	T203(65°*150°) / T212(75°*165°) / T304(75°*160°) / T402(80°*150°) / T502(150°*150°)								
Mechanical Data									
Housing	Heavy-duty die-cast aluminum (EN AC-46100)+PA66								
Mounting	Post Top								
Configuration Data									
Solar panel voltage(W)	16V 40W	18V 50W	18V 60W	18V 70W	18V 80W	36V 100W	36V 120W	36V 150W	
Li-ion Battery(WH)	153.6WH	230.4WH	307.2WH	384WH	460.8WH	614.4WH	768WH	921.6WH	
Maximum Autonomy	Operate 2~3 rainy days under intelligent model.								
Others									
Product Size	750*366*106 mm / 29.5*14.4*4.2 in	910*366*106 mm / 35.8*14.4*4.2 in	1080*366*106 mm / 42.5*14.4*4.2 in	1210*366*106 mm / 47.6*14.4*4.2 in	1345*366*106 mm / 53.0*14.4*4.2 in	1060*550*110 mm / 41.7*21.7*4.3 in	1145*550*110 mm / 45.1*21.7*4.3 in	1390*550*110 mm / 54.7*21.7*4.3 in	
Net Weight	10kg / 22.0 lbs	12kg / 26.5 lbs	14kg / 30.9 lbs	16kg / 35.3 lbs	18kg / 39.7 lbs	20kg / 44.1 lbs	22kg / 48.5 lbs	24kg / 52.9 lbs	
SCx (EPA)	Top View: 0.340m ² (3.65ft ²) Side View: 0.067m ² (0.72ft ²) Front View: 0.052m ² (0.56ft ²)	Top View: 0.400m ² (4.31ft ²) Side View: 0.072m ² (0.78ft ²) Front View: 0.052m ² (0.56ft ²)	Top View: 0.470m ² (5.06ft ²) Side View: 0.077m ² (0.83ft ²) Front View: 0.052m ² (0.56ft ²)	Top View: 0.530m ² (5.70ft ²) Side View: 0.082m ² (0.88ft ²) Front View: 0.052m ² (0.56ft ²)	Top View: 0.590m ² (6.35ft ²) Side View: 0.085m ² (0.91ft ²) Front View: 0.052m ² (0.56ft ²)	Top View: 0.690m ² (7.43ft ²) Side View: 0.082m ² (0.88ft ²) Front View: 0.062m ² (0.67ft ²)	Top View: 0.750m ² (8.07ft ²) Side View: 0.084m ² (0.90ft ²) Front View: 0.062m ² (0.67ft ²)	Top View: 0.910m ² (9.80ft ²) Side View: 0.091m ² (0.98ft ²) Front View: 0.062m ² (0.67ft ²)	



HIGH MAST
Lighting Solution

MH LED High Mast / Flood Light

Quality, Honesty, and Innovation

MH - LED High Mast / Flood Light

Power: 400W – 600W



Lumen output

Up to **84,000** lm

L70
>100,000 HRS
@25°C

100 – 277VAC
Or
250 – 500VAC
50 – 60HZ

CRI
Ra70/80/90

ULR
= 0%

Operating Temperature
-40°C~55°C

Auto
CUT-Off
Safety Protected

IP 66
IK 09

DIM



2700K
~
6500K

MH LED High Mast / Flood Light

Quality, Honesty, and Innovation

Key Features



Light Weight
Easy for Installations



Driverbox Tool-less
Maintenance



A Variety Of
Distribution Optional



Exceptional
Impact Resistance



Tempered
Glass



Flexible
Installation



High
Adaptability



Extensive Lens
Optional



Smart Lighting
Control Ready

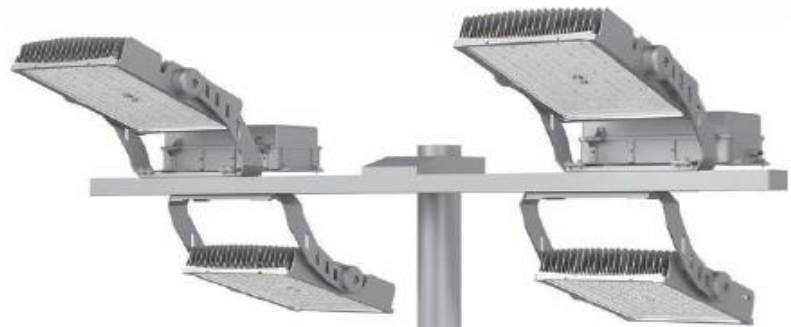


Built-in Dial Plate
360° Rotation

Features of Type-A



Features of Type-B



Type-B (U-bracket split mode)



Type-BXR (Driver on the back)



Type-BXS (Driver on the bracket)



Type-BXS (Driver on the bracket
with socket base or sensor)

Parameter Reference (MH)

Power		400W	480W	600W
Driver		Inventronics / OSRAM / Class 1, EU		
Operating Temperature		-40°C to 55°C (-40 °F to 131 °F)		-40°C to 50°C (-40 °F to 122 °F)
Control Option		DALI, 0-10V/ PWM / timer dimming, Nema, NTC, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.		
Photometric Data				
Luminous flux (lm) (CRI 70Ra, 5000K,277Vac)(Std Dev ±5%)	Type-III-P8 (20x105°)	56000lm	67200lm	84000lm
	Type-V-L5 (150x150°)	56000lm	67200lm	84000lm
ULR		= 0%, @ Luminaire inclination 0°		
Beam angle		Type-III (20x105°) / Type-V (150x150°)		
LED model		Lumileds 5050/Seoul5050/OSRAM P8		
Lens		Polycarbonate+tempered glass(5 mm thick)		
Mechanical Data				
SCx	Type-A (Highmast)	Front: 0.05 m ² ; Side: 0.1 m ²		
	Type-B (U-bracket split mode)	Front: 0.15 m ² ; Side: 0.05 m ²		
	Type-BXR (Driver on the back)	Front: 0.15 m ² ; Side: 0.09 m ²		
	Type-BXS (Driver on the bracket)	Front: 0.16 m ² ; Side: 0.08 m ²		
Mounting		Type-A (Side entry) / Type-B (U bracket) / Type-BXR (Driver on the back) / Type-BXS (Driver on the bracket)		
Others				
Product Size	Type-A	618*320*241mm / 24.33*12.6*9.48 inches		
	Type-B	458*386*331mm / 18.03*15.2*13.03 inches		
	Type-BXR (Driver on the back)	458*386*331mm / 18.03*15.2*13.03 inches		
	Type-BXS (Driver on the bracket)	535*404*458mm / 21.06*15.91*18.03 inches		
Net Weight	Type-A	17.3kg / 38.14lbs		
	Type-B	11kg / 24.25lbs		
	Type-BXR (Driver on the back)	16.3kg / 35.94lbs		
	Type-BXS (Driver on the bracket)	17.3kg / 38.14lbs		
Standard accessories		Safety wire rope		
Optional accessories		NEMA socket, photocell (with Nema), circuit breaker, breather vent, 20KvSPD		



SPORTS & STADIUM
Lighting Solution

SZ LED Sports Light / Stadium Light

Quality, Honesty, and Innovation

SZ - LED Sports Light / Stadium Light

Power: 315 W – 720W



Lumen output

Up to **120,878** lm



L90B10

>100,000 HRS
@25°C

100 – 277VAC

Or

277 – 480VAC

50 – 60HZ

CRI

Ra70/80/90

ULR

= 0%

**Operating
Temperature**
-40°C~50°C

**ANTI-GLARE
DESIGN**

**IP 66
IK 10**

DIM

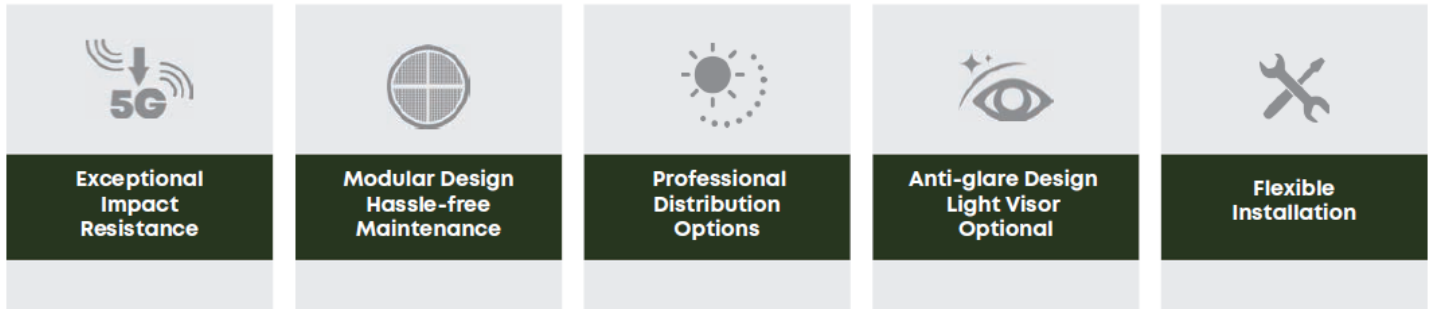


**3000K
~
6500K**

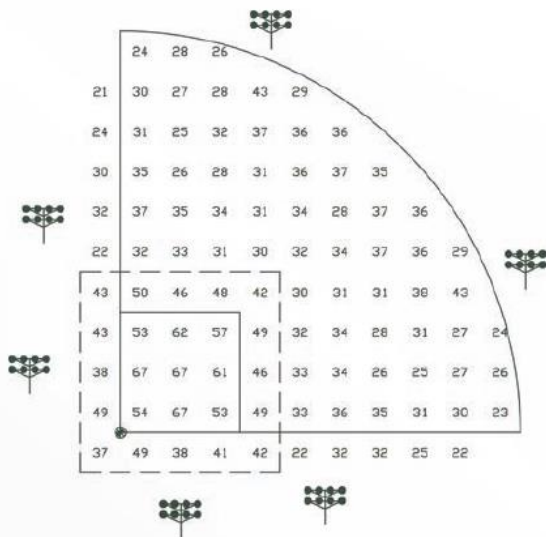
SZ LED Sports Light / Stadium Light

Quality, Honesty, and Innovation

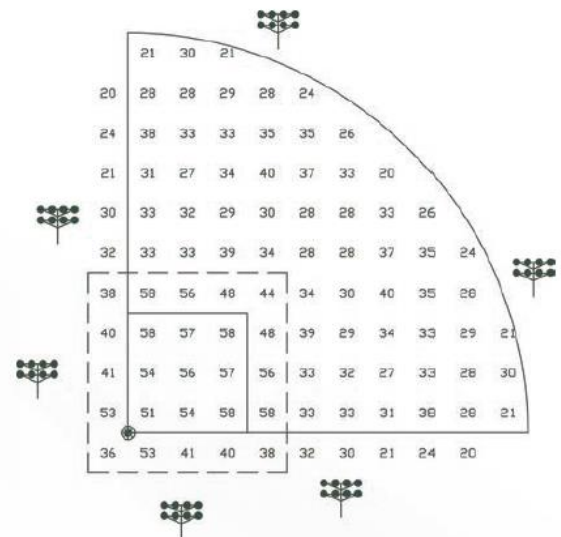
Key Features



Typical Layout Reference Baseball Field with 6 Poles



Fixture: 720W INS
 Fixture Count: 44
 Average Light Level: 50fc (infield) 30fc (outfield)
 Total Wattage: 31,680W



Fixture: 1500W HID
 Fixture Count: 46
 Average Light Level: 50fc (infield) 30fc (outfield)
 Total Wattage: 74,150W

SZ LED Sports Light / Stadium Light

Quality, Honesty, and Innovation

Installation Options



INS-A
Top Fixed
Installation



INS-B
Under Yoke Mount
(with driver box)



INS-C
Under Yoke Mount
(split mode)



INS-D
Yoke Mount

Power(W)		315W	380W	460W	580W	720W
Control Option	DALI, 1-10V/PWM/Timer dimming, Nema, Zhaga/Presence detection sensor.					
Photometric Data						
Luminous flux (lm) (Std Dev ±5%)	15D	43261 lm	52098 lm	63821 lm	78187 lm	96089 lm
	30D	52566 lm	58621 lm	73677 lm	92329 lm	109447 lm
	60D	52929 lm	58622 lm	77315 lm	93205 lm	112023 lm
	120D	—	—	78108 lm	95990 lm	120878 lm
Beam angle	15D/30D/60D/120D					
LED model	Lumileds 5050					
Lens	Polycarbonate, modular design					
Mechanical Data						
SCx(EPA, Fixture body)	Front: 0.204386m ² (2.2 ^{±2}) Side: 0.115943m ² (1.248 ^{±2})			Front: 0.285212m ² (3.07 ^{±2}) Side: 0.132665m ² (1.428 ^{±2})		
Mounting	TYPE A/TYPE B/TYPE C/TYPE D					
Others						
Product size	TYPE-A	φ468*343mm / φ18.4*13.5 inches			φ550*336mm / φ21.7*13.2 inches	
	TYPE-B	φ468*559*407mm / φ18.4*22.0*16.0 inches			φ550*602*315mm / φ21.7*23.7*12.4 inches	
Net weight	TYPE-A	10.3kg / 22.71 lbs	10.3kg / 22.71 lbs	16.08kg / 35.45 lbs	16.08kg / 35.45 lbs	16.08kg / 35.45 lbs
	TYPE-B	16.5kg / 36.38 lbs	16.5kg / 36.38 lbs	23.2kg / 51.15 lbs	23.2kg / 51.15 lbs	23.2kg / 51.15 lbs



LED FLOOD
Lighting Solution

MOT Tool-Less LED Flood Light


Quality, Honesty, and Innovation

MOT Tool-less LED FLOOD LIGHT



Tunnel
Lighting Solution
Optional

High Lumen output Up to **72,000** lm

L90B10 >100,000 HRS @25°C	100 – 277VAC OR 277 – 480VAC 50 – 60HZ	THD /< 90%		3000K ~ 5000K
CRI Ra70/80	ULR = 0%	Working Temperature -40°C~50°C	IP 66 IK 08	DIM

MOT Tool-Less LED Flood Light

Quality, Honesty, and Innovation

The New Generation Eco-Friendly **Recyclable** LED Flood Light



Tool-less Opening of LED & Driver Cover
Easy for Maintenance



1 The LED module (2835/3030/5050) with multiple light distribution meet the requirements of multiple scenarios

2 Buckle design, easy to open &

3 Support US and EU SPD to meet different market needs

4 CCT & Power adjustable optional

5 Yoke mount with scale mark, precise adjustment (5° each)

7 Plug & Play connector dust & water proof

6 NEMA/zhaga receptacle is optional for a variety of sensors

Tunnel light connection (3 water & dust proof joint)



Tunnel

Lighting Solution

Optional

Proper lighting boosts driver alertness, minimizes visual illusions, and allows quick hazard response.

MOT Tool-Less LED Flood Light

Quality, Honesty, and Innovation



Key Benefits



Durability

Our thermal management system, along with IK and IP ratings, ensures extended product lifespan.



Uniformity

The lighting ensures proper distribution while effectively reducing driver glare.



Energy Saving

Effective light control and planning based on traffic and timing are crucial for energy efficiency.



Cost Savings
in Operations



Enhanced
Efficiency



Environmental
Sustainability



Enhanced
Reliability



Smart Control
Ready

MOT Tool-Less LED Flood Light

Quality, Honesty, and Innovation



Animal & Insects Friendly
2700K-3000k
CCT available



Zhaga
Supported



Neam / LoRa
Socket



DALI Control



Photocell



Casambi
Supported



Microwave



PIR

MOT Tool-Less LED Flood Light

Quality, Honesty, and Innovation

Parameter Reference

Model	NEI-FLC50W	NEI-FLC100W	NEI-FLC150W	NEI-FLC200W	NEI-FLC240W	NEI-FLC300W	NEI-FLC400W
Power (W, adjustable selection)	30-40-50W	60-80-100W	100-120-150W	120-150-200W	150-200-240W	200-250-300W	300-350-400W
Control option	Driver includes wiring for 0-10V dimming systems. Dim as low as 10%.						
Operating temperature	-40°C to 50°C (-40 °F to 122 °F)						
Photometric Specifications							
Luminous flux(lm)±5% @CRI 70Ra, 4000K,2835	4500-7500lm	9000-15000lm	15000-22500lm	18000-30000lm	22500-36000lm	30000-45000lm	45000-60000lm
Luminous flux(lm)±5% @CRI 70Ra, 4000K, 5050	5100-8500lm	10200-17000lm	17000-25500lm	20400-34000lm	24750-39600lm	34000-51000lm	49500-66000lm
Luminous flux(lm)±5% @CRI 70Ra, 4000K, AOK 5050	5850-9500lm	11400-18500lm	19000-27300lm	22800-36400lm	27750-43200lm	38000-54900lm	55500-72000lm
LED model	2835 / 3030 / 5050 optional						
Lens	Polycarbonate						
Beam angle	15°/30°/45°/60°/90°/120°/T2(60*150°)/T3(70*150°)/T4(70*150°)						
Mechanical Specifications							
Mounting	Type-A (Yoke mount), Type-B (Trunnion mount), Type-C (Trunnion+ pole fitter)						
Package info							
Product Size	16.06*9.65*2.20 inches / 408*245*56mm		18.9*11.61*2.20 inches / 480*295*56mm			16.06*9.65*2.20 inches / 590*345*56mm	
Net Weight	3.3KG	3.5KG	5.0KG	5.4KG	5.5KG	6.8KG	7.3KG



Electrical Panels

Quality, Honesty, and Innovation

Electrical Panels

NEI provides the clients across the globe with complete range of control panels that is manufactured in accordance with latest technology.

These electrical power control panels are ecofriendly with simplified controls and are dust & pest proof and wiring is as per international standards that ensures complete safety and proper functionality of the electrical power control panels, used in diverse commercial applications. This electrical power control panel offers reliable operation.

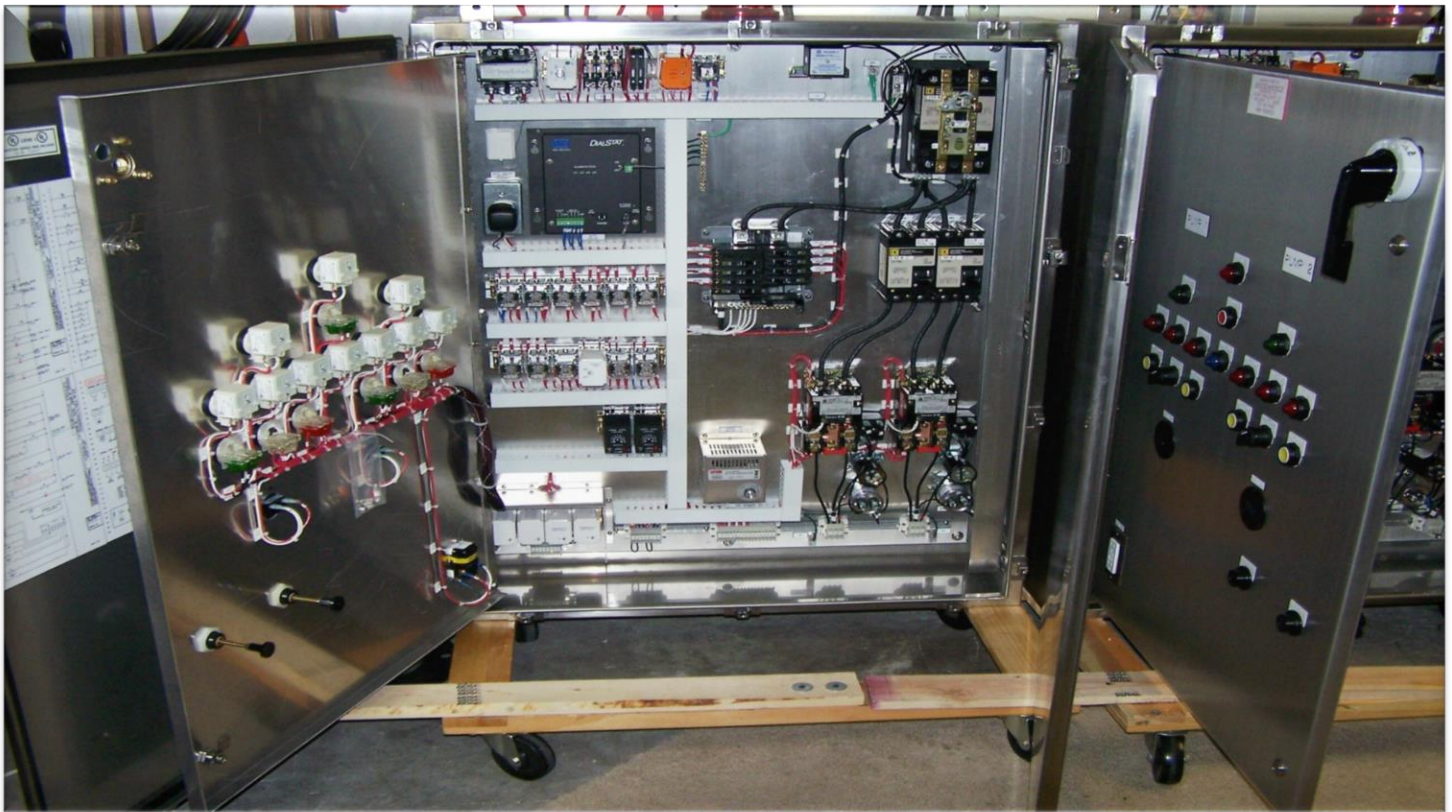


Electrical Panels

Quality, Honesty, and Innovation

NEI produces a full range of distribution boards and control the main electrical power, as these distribution panels carried out according to **international standards and codes in force in Jordan**, and these distributions panels are:

- **Distribution boards for substations plants** and all protections needed.
- **Main distribution panels** installations and up to 4000 amps.
- **K.W. H. M Panels** that meet Jordanian electricity companies' requirement.
- **SMDBs (SUB-MAIN Distribution Boards)**
- **Power factor improvement Panels (Capacitor Banks).**
- **Automatic Transfer Switch Panel.**
- **MCC panels** that control the operating all kinds of electrical motors.
- **Control panels** that control all kinds of **electrical loads.**

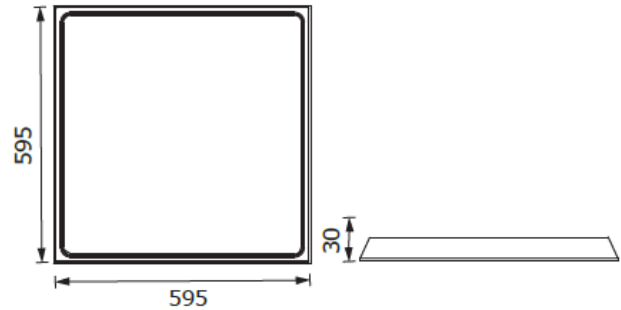


Electrical Panels

Quality, Honesty, and Innovation



Panel 60 x 60 cm



Features

Backlit series adopts high lumen SMD led as a light source.

Backlit square panel light can best replacement for traditional Tube light Weight:195g for 6060;

Better and evenly surface treatment and better visual effect.

Product Specification

LED Chip:	SMD LED
Power	48W
Input	220-240VAC
Lumen	5820lm
CCT	4000K / 6500K
Driver	Lifud

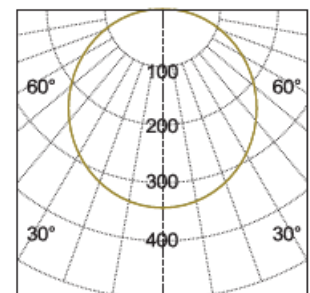
Photometric Data:

CRI:	> 80
Luminous Efficacy:	110lm/W
Operating Temp:	-20°C~+40°
Flicker:	Low

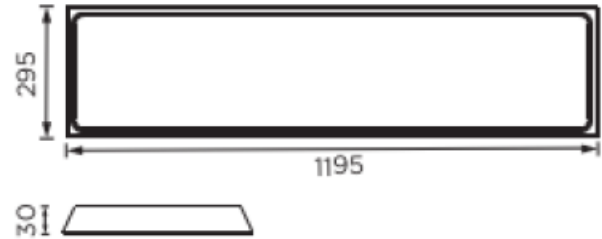
Technical Data

IP Rating:	IP20
Housing:	Powder Coated extruded Aluminum
Black Plate:	Poder Coated Iron
Diffuser:	PC
Finishing:	White
Mounting:	Suspended/ Recessed/ Surfaces
Power Factor:	PF>0.9
Warranty:	5 years
Lifetime:	50,000 hr

Photometric Light Distribution



Panel 120 x 30 cm



Features:

Backlit series adopts high lumen SMD led as a light source. Backlit square panel light can best replacement for traditional Tube light Weight:195g for12030; Better and evenly surface treatment and better visual effect.

Product Specification

LED Chip: SMD
LED Power: 48W
Input: 220-240VAC
Lumen: 5760lm
CCT: 4000K / 6500K
Driver: Lifud

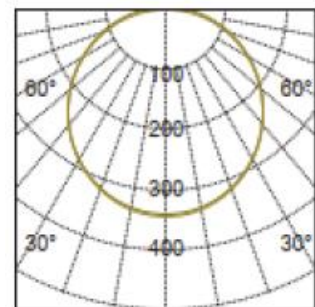
Photometric Data

CRI: 80
Luminous Efficacy: 120lm/W
Operating Temp: -20°C~+40°

Technical Data

IP Rating: IP20
Housing: Powder Coated extruded Aluminum
Black Plate: Powder Coated Iron
Diffuser: PC
Finishing: White
Mounting: Suspended/ Recessed/ Surfaces
Power Factor: PF>0.9
Warranty: 3 years

Photometric Light Distribution

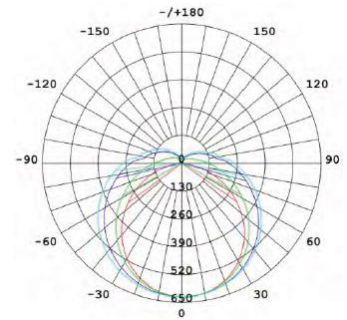


Nano T8 LED Tube Light



Product Features:

- CE, EMC, LVD, RoHS certificated
- Nano material housing, completely solve safety problems such as leakage, electric shock and so on.
- High-efficiency flicker-free power supply, with ERP requirements, and 10,000-hour capacitors under 105°.
- The whole lighting efficiency is higher and more energy-saving.
- Mitsubishi PC material, high light transmission, high light efficiency and uniform light emission, no darkness
- 300degree beam angle, suitable for supermarkets, offices, factories, etc.
- Use SMD2835, the highly bright light source. the light efficiency of the product can reach to **170LM/W**
- 3 years warranty, **50,000 HR** life time.



Lux Distribution Curve

Parameter:

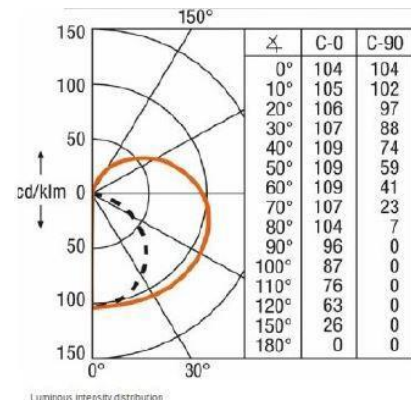
Model Number	Size (mm)	Power switch	CCT	CRI	Input Voltage	Lumens (lm/w)
NEI-T8-6010	26 X 600	10W	4000k	Ra≥80	AC85-265V	130
NEI-T8-12018	26 X 1200	18W	4000 – 6500K	Ra≥80	AC85-265V	160

Product Size:

Length	A(mm)	B(mm)	C(mm)
0.6m	602	588	505
1.2m	1212	1198	1115
1.5m	1512	1498	1415



Batten Type Lighting



- Made of **sheet steel**.
- Finishing electro-statically with white **epoxy-polyester powder painted**.
- Two configurations are available, batten type & reflect type.
- Accessories (lamp holder, terminal) made from polycarbonate
- **LED tube**, or florescent tubes (with high efficiency)
- Electronic or magnetic ballast.
- **Emergency kit** (optional).
- Protection degree (IP₂₀).
- Application: **shopping mall, supermarket, factory workshop, Class room**, And so on.

Dimension (mm)	MODEL	LAMP (W)	LED MODEL	LED LAMP (W)
612 x 62 x 14	NEI 118 B	1 x 18	NEI 108 B LD	1 x 8
612 x 87 x 14	NEI 218 B	2 x 18	NEI 208 B LD	2 x 8
612 x 260 x 14	NEI 318 B	3 x 18	NEI 308 B LD	3 x 8
612 x 320 x 14	NEI 418 B	4 x 18	NEI 408 B LD	4 x 8
1224 x 62 x 14	NEI 136 B	1 x 36	NEI 118 B LD	1 x 18
1224 x 87 x 14	NEI 236 B	2 x 36	NEI 218 B LD	2 x 18
1224 x 260 x 14	NEI 336 B	3 x 36	NEI 318 B LD	3 x 18
1224 x 320 x 14	NEI 436 B	4 x 36	NEI 418 B LD	4 x 18
1521 x 62 x 14	NEI 158 B	1 x 58	NEI 136 B LD	1 x 36
1521 x 87 x 14	NEI 236 B	2 x 58	NEI 236 B LD	2 x 36
1521 x 260 x 14	NEI 358 B	3 x 58	NEI 336 B LD	3 x 36
1521 x 320 x 14	NEI 458 B	4 x 58	NEI 436 B LD	4 x 36

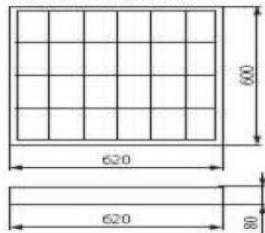
V-Louver Lighting

Quality, Honesty, and Innovation

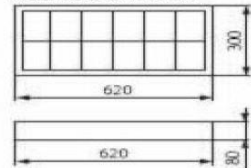
V-Louver Lighting



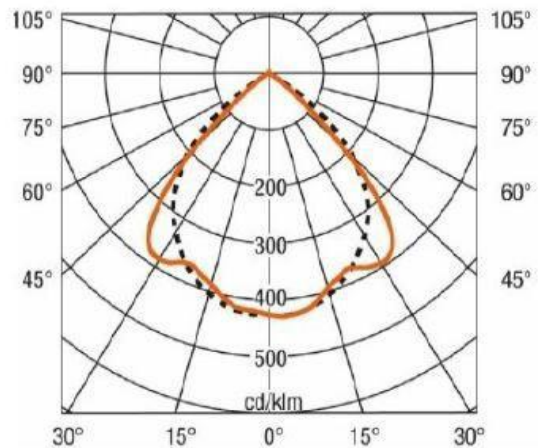
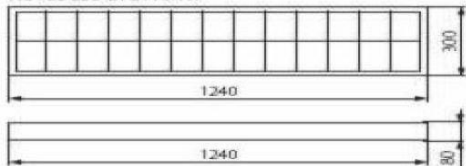
NOTUS 418 PAR NT
NOTUS 418-EVG PAR NT



NOTUS 218 PAR NT
NOTUS 218-EVG PAR NT



NOTUS 236 PAR NT
NOTUS 236-EVG PAR NT



V-Louver Lighting

Quality, Honesty, and Innovation

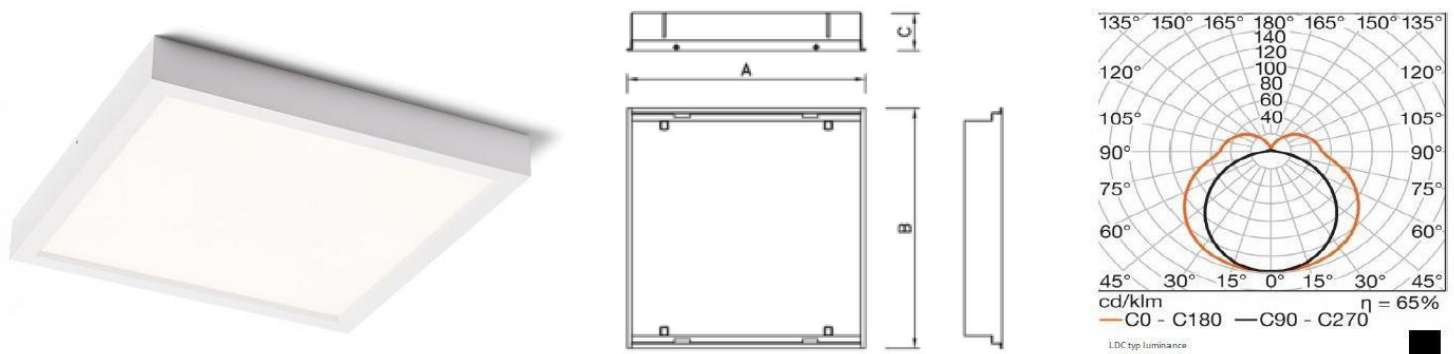
- Made of **sheet steel**.
- Finishing electro-statically with **white epoxy-polyester powder painted**.
- Double parabolic V- type pre – anodize aluminum mirror **reflector**.
- Recessed or Surface mounted type.
- Accessories (lamp holder, terminal) made from polycarbonate.
- LED tube, or florescent tubes (with high efficiency electronic or magnetic ballast).
- **Emergency kit** (optional).
- Protection degree (IP_20).
- Application: office, hotel, Public buildings, and so on.

Dimension (mm)		MODEL	LAMP	LED LAMP (W)
Surface mounted	Recessed mounted			
608 x 303 x 80	598 x 298 x 95	NEI 218 V	2 x 18	NEI 208 V LD
608 x 603 x 80	598 x 598 x 95	NEI 318 V	3 x 18	NEI 308 V LD
603 x 303 x 80	598 x 598 x 95	NEI 418 V	4 x 18	NEI 408 V LD
1218 x 183 x 80	1240 x 138 x 95	NEI 136 V	1 x 36	NEI 118 V LD
1218 x 303 x 80	1240 x 300 x 95	NEI 236 V	2 x 36	NEI 218 V LD
1218 x 603 x 80	1240 x 598 x 95	NEI 336 V	3 x 36	NEI 318 V LD
1218 x 183 x 80	1240 x 598 x 95	NEI 436 V 4	4 x 36	NEI 418 V LD

Flang Diffuser Lighting

Quality, Honesty, and Innovation

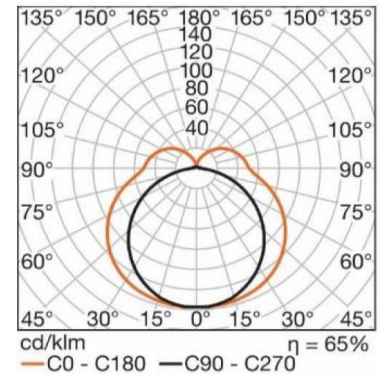
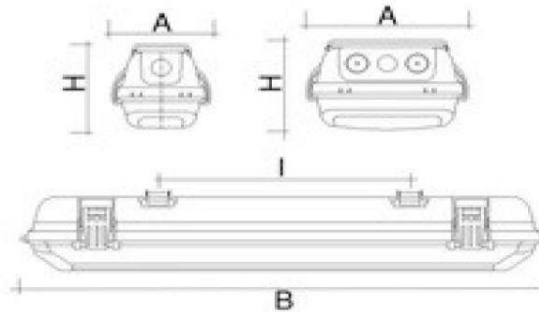
Flang Diffuser Lighting



- Made of **sheet steel**
- Finishing electro-statically with white **epoxy polyester powder painted**
- Opal diffuser, prismatic diffuser, or transparent diffuser for options
- **Recessed or Surface mounted type.**
- Accessories (lamp holder, terminal) made from polycarbonate
- LED tube, or florescent tubes (with high efficiency electronic or magnetic ballast)
- **Emergency kit** (optional)
- **Protection degree (IP (40-65)).**
- Application: office, hotel, Public buildings, hospitals, and so on.

Dimension (mm)		MODEL	LAMP	LED LAMP (W)
Surface mounted	Recessed mounted			
595 x 295 x 80	598 x 298 x 95	NEI 218 V	2 x 18	2 x 8
445 x 295 x 80	598 x 598 x 95	NEI 318 V	3 x 18	3 x 8
595 x 595 x 80	598 x 598 x 95	NEI 418 V	4 x 18	4 x 8
1195 x 75 x 80	1243 x 183 x 95	NEI 136 V	1 x 36	1 x 18
1195 x 295 x 80	1243 x 298 x 95	NEI 236 V	2 x 36	2 x 18
1195 x 445 x 80	1243 x 598 x 95	NEI 336 V	3 x 36	3 x 18
1195 x 595 x 80	1243 x 598 x 95	NEI 436 V	4 x 36	4 x 18

Weather Proof Lighting



- Made of **self-extinguishing polycarbonate**, totally enclosed **impact proof**.
- **Smooth outer surface** and **prismatic inner surface** will keep internal parts clean & bright.
- Opal diffuser, prismatic diffuser, or transparent diffuser for option
- Surface mounted type.
- Accessories (lamp holder, terminal) made from polycarbonate.
- LED tube, or florescent tubes (with high efficiency electronic or magnetic ballast).
- Stainless steel clamps.
- **Emergency kit (optional)**.
- **Protection degree (IP_65)**.
- Application: Industries, and so on.

DIMENTION (mm)	MODEL	LAMP (W)	LED MODEL	LED LAMP (W)
90 x 667 x 98	NEI 118 IP65	1 x 18	NEI 108 IP65 LD	1 x 8
155 x 667 x 98	NEI 218 IP65	2 x 18	NEI 208 IP65 LD	2 x 8
90 x 1276 x 98	NEI 136 IP65	1 x 36	NEI 118 IP65 LD	1 x 18
155 x 1276 x 102	NEI 236 IP65	2 x 36	NEI 218 IP65 LD	2 x 18
90 x 1576 x 98	NEI 158 IP65	1 x 58	NEI 136 IP65 LD	1 x 36
155 x 1576 x 102	NEI 258 IP65	2 x 58	NEI 236 IP65 LD	2 x 36

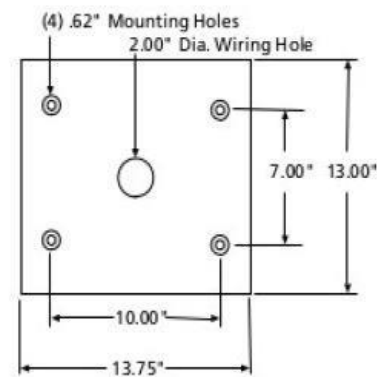
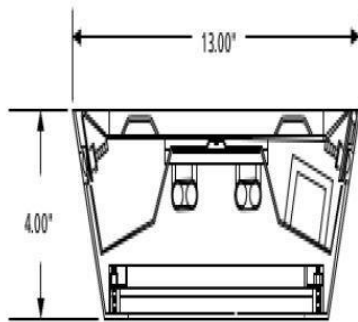
Emergency & Exit Lighting



- Made of **sheet steel** and painted electrostatically with **white epoxy-polyester powder**.
- Mode of operation: maintained / no maintained
- **Battery**: hi-temp. Ni-Cd
- **LED charge indicator light**
- Lamp type: fluorescent, LED

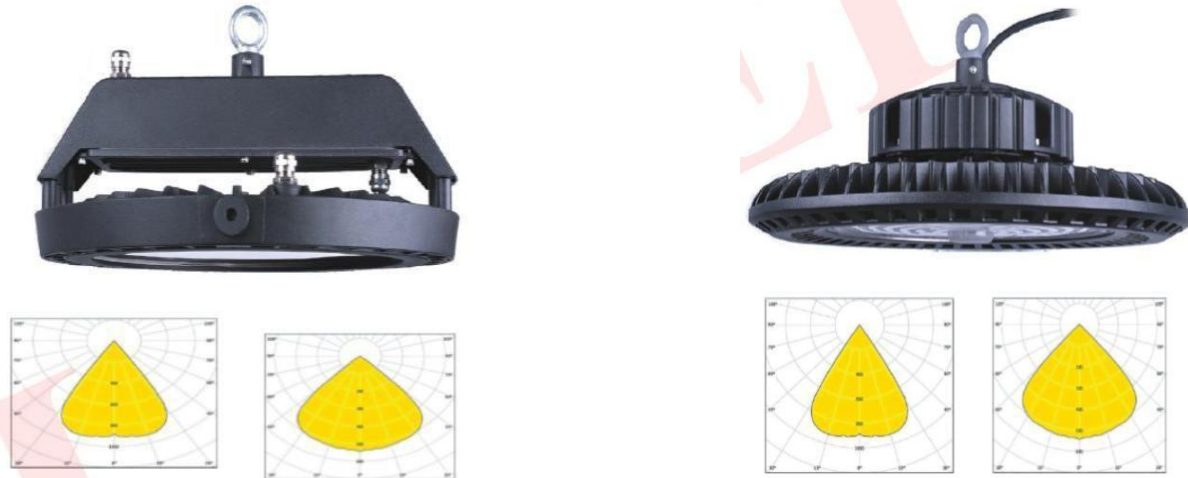
MODEL	LAMP (W)
NEI / E18	1X8
NEI / E28	2X8
NEI / LED	1X2

Security Detention Light



- **Made of (1.8) sheet steel and painted electrostatically with epoxy-polyester powder.**
- **Prismatic (PMMA) OR polycarbonate 8 mm cover. ANTI BROKEN**
- **Completely concealed internal drop slot piano hinge.**
- **Special security screws**
- **Installation surface mounted.**
- **Lamps wide range of energy saving, or LED bulbs (E27)**
- **Protection degree (IP-(40-65)).**
- **Applications: Cells, Dayrooms, Detentions, and so on.**

High Bay Industrial Lighting



- The luminaire is manufactured from high pressure die casting aluminum.
- It has a led efficiency up to 120lm/w and will be capable of Producing up to 24000lm or 36000lm at 4000k.
- Light angle 60, 90, 120.
- Input voltage **AC90-305V**.
- Power factor >95.
- Temperature of working condition **(-40 to +50 c)**.
- Humidity of working condition 10% to 90% RH.
- Production grade **IP66**.
- Color rendering index (CRI) > 70.

MODEL	Input Wattage	Luminous flux
	100w	12,000 – 14,000lm
	150w	18,000 – 19,600lm
	200w	24,000 – 28,000lm

Bed Head Unit

NEI bed head unit adopts a combinative construction. we developed three options which are combined of four modules. Different combination from different styles.



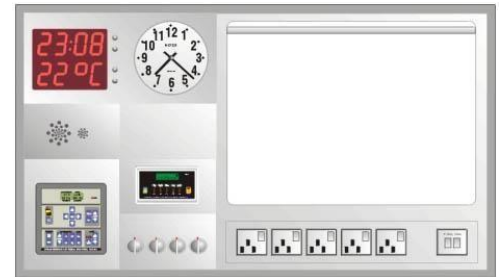
- Made of extruded **aluminum powder painted** in white with three compartments for low.
- **voltage, power supply lines and medical gasses.**
- A separate compartment in the middle section for easier access to the medical gas system.
- Integrated in national bed head unit and available in different lengths.
- Indirect light: Asymmetrical reflector that directs the light up and out towards the ceiling for general room lighting 1x8W, 1x36W, 2x18W, 2x36W fluorescent lamp and **LED** combinations are possible.
- Direct light: used for **patient reading and doctors examination.** 1x8W, 1x36W, 2x18W, 2x36W fluorescent lamp combinations are possible.
- Night light: 15W incandescent lamp for discrete night time security.

Surgical Control Panel

N.E.I surgical control panel combines several required operation room components in an economical package; **power out-let, clock & controls, X-ray film viewers...** etc. they are grouped together in one enclosure that can be easily installed.

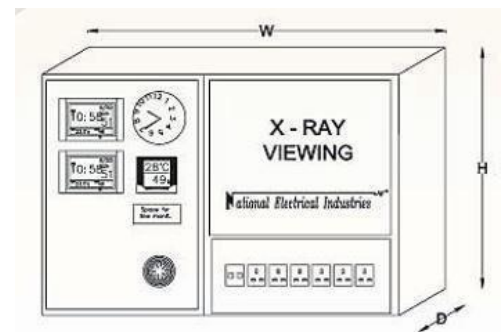
BODY:

- Made of galvanized steel sheet.
- Flush mounted front stainless steel.
- Electro-statically painted with white epoxy-polyester powder for the body.
- Stainless steel brushed finished from the front panel.
- Back entry maintenances access.



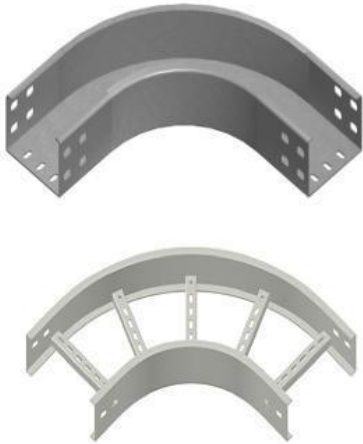
Surgical Panel Components:

- Circuit breakers primary and secondary.
- Ground bus bar.
- **Digital time elapsed synchronous clock**, stop, start and reset.
- **Analog time clock.**
- X- Ray film illumination.
- **Single and duplex electrical socket.**
- **Telephone socket.**
- Provision for surgical light control.
- Provision for nurse call button.
- Temperature indicator.
- Humidity indicator.
- **Speaker for stereo system.**



Cable Tray & Ladder Systems

PART REF: **9HB**



90 HORIZONTAL BEND

PART REF: **4HB**



45 HORIZONTAL BEND

PART REF: **9RI**



90 INTERNAL RISER

PART REF: **9RE**



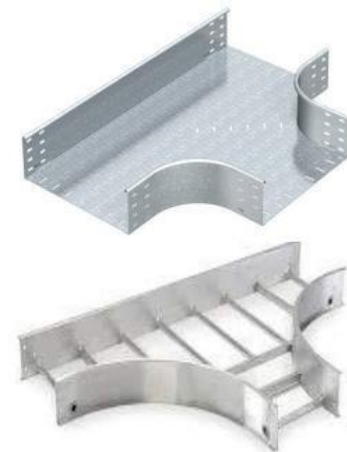
90 EXTERNAL RISER

PART REF: **XH**



HORIZONTAL CROSS

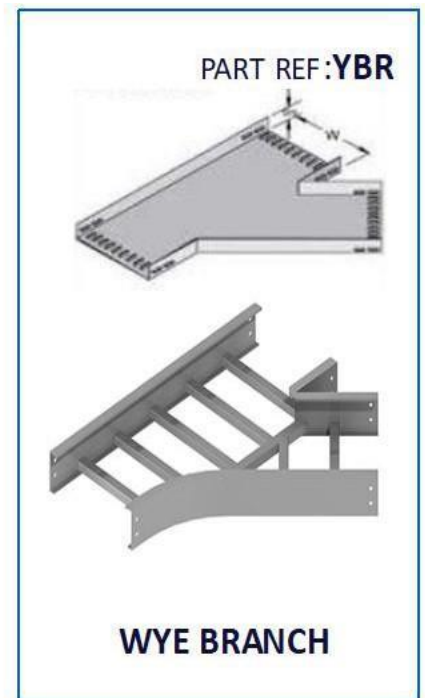
PART REF: **TH**



HORIZONTAL TEE

Cable Tray & Ladder Systems

Quality, Honesty, and Innovation



Product range:

- Perforated cable trays
- Trucking cable system.
- Cable ladder system.
- Mesh wire cable.

Standard Thickness of the Tray:

- Light duty: [1.0 – 1.2]
- Medium duty: [1.5 – 1.8]
- Heavy duty: [2.0]

Material

- Galvanized steel sheet
- Stainless steel sheet
- Aluminum sheet

Fittings

- Hot dip galvanized.
- Epoxy painted.
- Oxi - iron paint.

Accessors

- Tray cover.
- Support bracket and clamps.

Dimensions (mm)	Length (m)
50 x 50	2500
100 x 50	2000
130 x 50	2000
150 x 50	2000
200 x 50	2000
250 x 50	2500
295 x 50	2500
350 x 50	2000
380 x 50	2000
450 x 50	2500
500 x 50	2500
545 x 50	2000
600 x 50	2000
700 x 50	2000
800 x 50	2000
900 x 50	2500
1000 x 50	2500

Tower and Swaged Tubular Poles

Quality, Honesty, and Innovation

Tower & Swaged Tubular Poles



Tower and Swaged Tubular Poles

Quality, Honesty, and Innovation

- Swaged poles from **3 meters to 16 meters** (height)
- **Hot dip galvanized**, epoxy – paint or oxi-iron paint (color can be chosen).
- Manufacture as per the highest quality standards and **customized for specific applications.**
- **Base plate and anchor bolts.**
- Application: street light, camera control, sports stadium lighting, telecom aerial cabling, power distribution lines and signboards.

Hight (m)	Section	Diameter (inch)
3	Top	2
	Middle	3
	Bottom	4
4	Top	2
	Middle	3
	Bottom	4
5	Top	2
	Middle	3
	Bottom	4
6	Top	2
	Middle	3
	Bottom	4
7	Top	2
	Middle	3
	Bottom	4
8	Top	3
	Middle	4
	Bottom	5
9	Top	3
	Middle	4
	Bottom	5
10	Top	4
	Middle	5
	Bottom	6
11	Top	4
	Middle	5
	Bottom	6
12	Top	4
	Middle	5
	Bottom	6



Thank You

Contact US



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