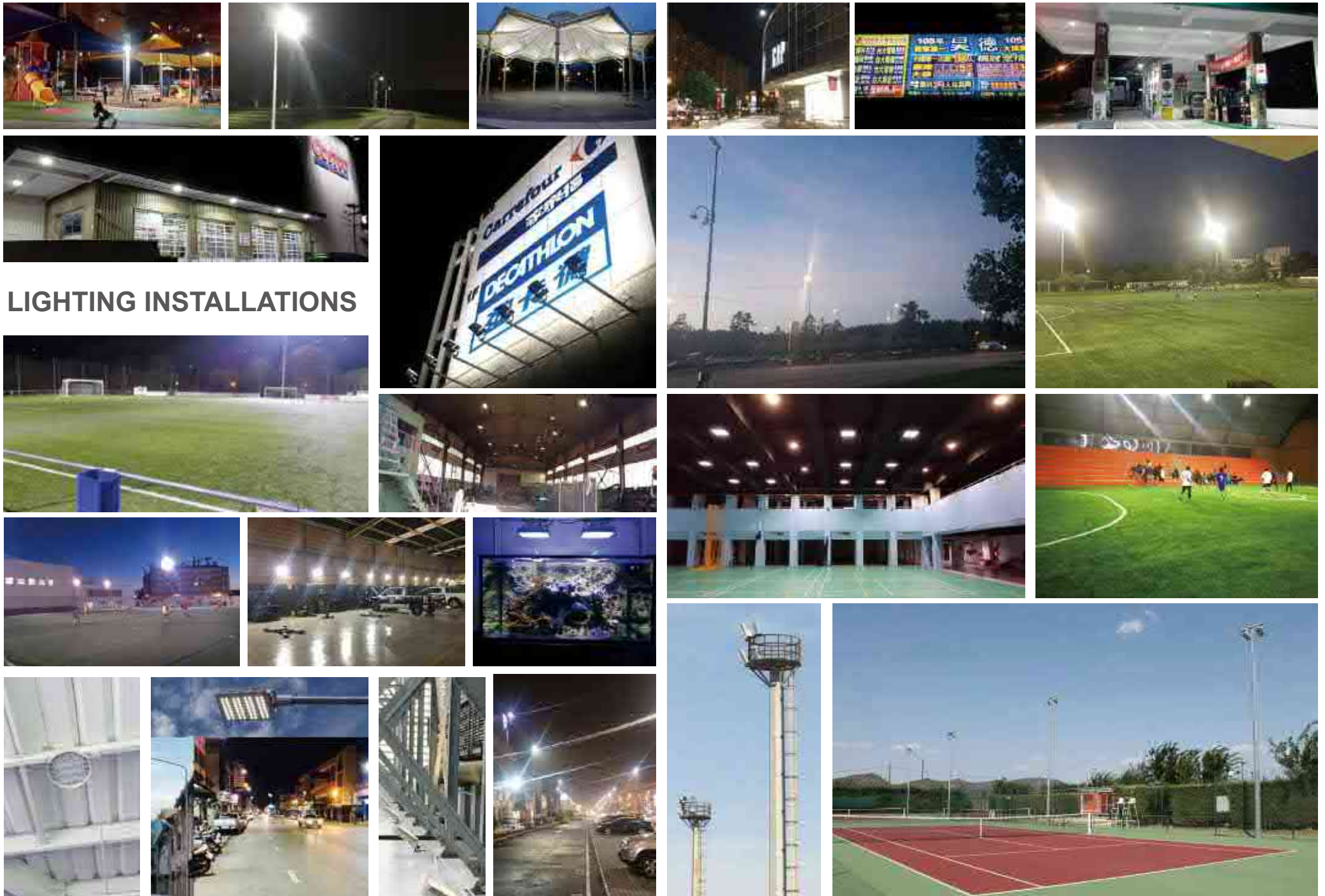




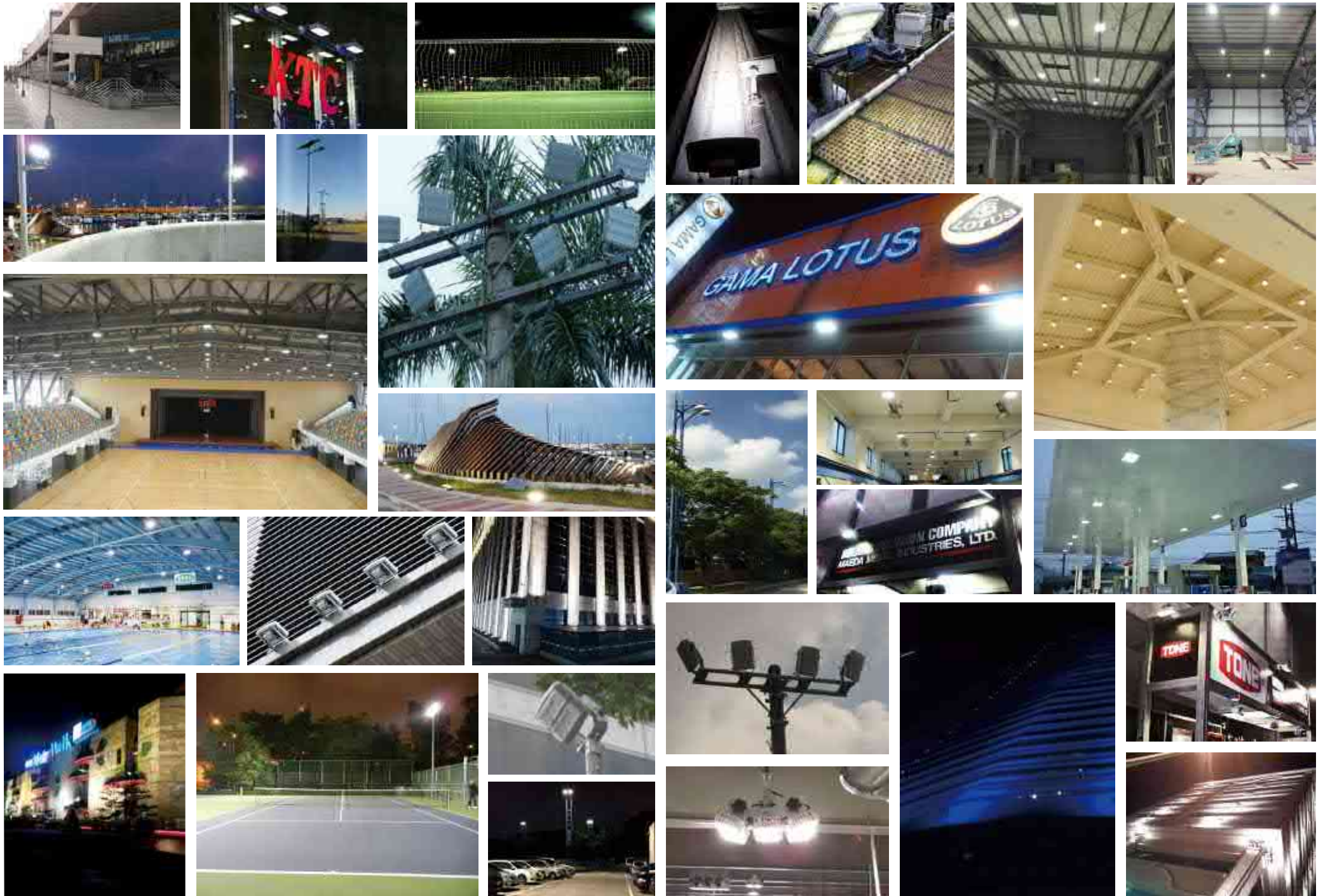
LED Outdoor and Industrial Lighting





LIGHTING INSTALLATIONS





Product Features



*Modular design (30W, 40W, 50W, 60W, 80W, 100W, 160W and 200W per LED module), maximum 6 modules, carrying range from 30W to 1200W.

*Replaceable & upgradeable modules.

*Large heat dissipation area, low chip temperature.



*Patented independent LED driver design that gives REAL constant current to each LED, for optimum lumen maintenance and maximize life time.

*Dimmable with 0~10V, PWM or resistance dimmer.



*Aluminum Alloy Housing.

*4 types of fixed brackets for Pole Mount Street Light, Project Light, Wall Light, and High Bay Light.



*Replaceable anti-UV polycarbonate optical lens.

*Up to 11 beam angle available such as 12°, 15°, 25°, 30°x15°, 45°x30°, 60°, 90°, 120°, symmetric 140°x70°, 149°x72°, asymmetric 150°x(26°+53°).



*Tool free advanced lamp mechanism with scale for easy adjust lighting direction.



*Adopt with top model of CREE LED or Nichia LED.

*IESNA LM-80 and TM-21.

*L70 54,000h.



*IP67 water and dust proof rating.

*IP6x no ingress of dust; complete protection against contact (dust tight).

*IPx7 tested with lowest point of the enclosure 1000 mm below the surface of the water for 30 minutes.



*Built in 12kv/6kV Surge Protection.

*Maximize the lifetime value of Outdoor lighting applications No down-time due to calamities (storms, lightning strikes, etc.) Lower maintenance costs Peace of mind on product performance.



*IK10 rating for impact and vandal resistance.

*Impact energy 20 joules equals to 5 kg(11 lbs) thrown from a distance of 40cm(15.7").



*Aluminium alloy housing with corrosion resistant hardware, super durable powder coating finish withstand extreme climate changes without cracking or peeling. Product passed salt mist test.



*Mechanical load: four times the weight.



*Wind tunnel safety testing approved- up to 60m/s (216 km/h; 135 mph) wind resistance.

Additional tests for crane lighting completed in DEKRA









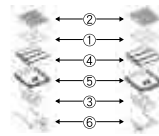



NUMBER	CONTENTS	PASS	FAIL	N/A	REMARK
1,01	Damp heat operation test	√			
1,02	70000 cycles switching test	√			
1,03	Mechanical vibration sinusoidal test	√			



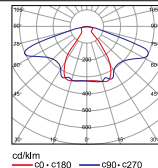
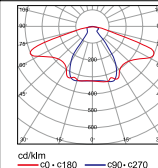
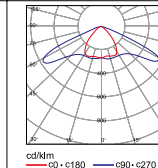
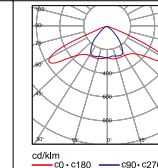
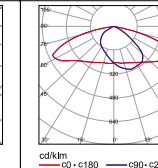
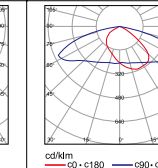
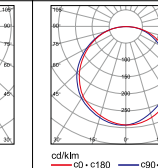
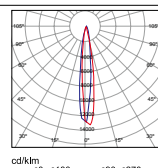
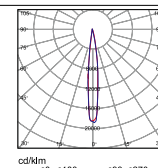
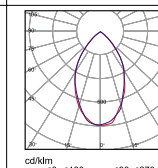
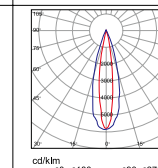
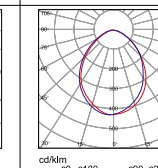
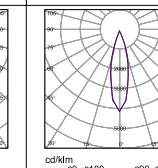
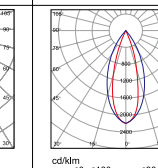
Crane lighting has requirements which exceed normal Floodlighting. The Floodlighting needs to be very robust as the Cranes are generally mobile. Constant vibration will weaken the lamps and very often standard Floodlights will simply fall apart after a relatively short period.

In addition, the electrical supply on a Crane can vary significantly causing more electrical stress and early failures. Because many Cranes are in Harbours and Ports, there is constant corrosion from the marine environment. This is compounded by extreme temperature variations in many parts of the World and also between night and day time temperatures.

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Light Distribution / Beam Angle

Light Type	Wide Flood						
Model Number	01	07	08	14	16	17	11
Beam Angle (θ 3dB)	Symmetric149°X72°	Vertical Symmetric149°X72°	Symmetric140°X70°	Vertical Symmetric140°X70°	Vertical Asymmetric 150°X(26°+53°)	Asymmetric 150°X(26°+53°)	120°
Light Distribution							
Light Type	Narrow Flood						
Model Number	20	03	05	06	10	12	13
Beam Angle (θ 3dB)	12°	15°	60°	30°x15°	90°	25°	45°x30°
Light Distribution							

Patents

Certifications





Project Light / Floodlight

High Power CREE or NICHIA LED

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
- Power Factor: >0.95 (100~240V), >0.9(240~277V)
- Operating Temperature: -30°~50°
- Color Rendering Index: Ra>70

- Ingress Protection Rating: IP67 (IEC 60598-2-3)
- Surge Protection: 12kV/6kV (IEC 61000-4-5)
- Impact Resistance Rating: IK10 (IEC 62262)
- Wind tunnel safety testing approval- up to 60m/s (216 km/h; 135mph) or Mechanical Load: four times the weight (IEC 60598-2-5)
- Salt Mist Test (IEC 60068-2-1 & IEC 60068-2-52)

CE CB    IP67 

Model No.	No. of Module	LED Brand	Wattage	Power Consumption	Luminous Efficacy	Total Lumen (at 5000K)	Product Dimension (mm)	Product Weight
THTS003N0bbcccc0	1	CREE / NICHIA	30W	28.5W	136 lm/W	3880 lm	245 X 305 X 129	2.6kg
THTS004N0bbcccc0	1	CREE / NICHIA	40W	38.5W	131 lm/W	5040 lm	245 X 305 X 129	2.6kg
THTS005N0bbcccc0	1	CREE / NICHIA	50W	48.5W	125 lm/W	6040 lm	245 X 305 X 129	2.6kg
THTS406N9bbcccc0	1	CREE / NICHIA	60W	57.5W	140 lm/W	8050 lm	267 X 305 X 157	2.9kg
THTS408N9bbcccc0	1	CREE / NICHIA	80W	77.5W	136 lm/W	10540 lm	267 X 305 X 157	2.9kg
THTS410N9bbcccc0	1	CREE / NICHIA	100W	97.5W	132 lm/W	12870 lm	267 X 305 X 157	2.9kg
THTS412N9bbcccc0	2	CREE / NICHIA	120W	115W	140 lm/W	16100 lm	341 X 305 X 157	5.6kg
THTS516G4bbcccc0	1	CREE / NICHIA	160W	160W	121 lm/W	19360 lm	254 X 337 X 147	4.1kg
THTS416G4bbcccc0	2	CREE / NICHIA	160W	155W	136 lm/W	21080 lm	341 X 305 X 157	5.6kg
THTS520G4bbcccc0	1	CREE / NICHIA	200W	195W	115 lm/W	22430 lm	254 X 337 X 147	4.1kg
THTS420N9bbcccc0	2	CREE / NICHIA	200W	195W	132 lm/W	25740 lm	341 X 305 X 157	5.6kg
THTS424N9bbcccc0	3	CREE / NICHIA	240W	232.5W	136 lm/W	31620 lm	458 X 305 X 157	8.2kg
THTS530G4bbcccc0	2	CREE / NICHIA	300W	300W	123 lm/W	36900 lm	409 X 341 X 162	7.4kg
THTS430N9bbcccc0	3	CREE / NICHIA	300W	292.5W	132 lm/W	38610 lm	458 X 305 X 157	8.2kg
THTS540G4bbcccc0	2	CREE / NICHIA	400W	390W	115 lm/W	44860 lm	409 X 341 X 162	7.4kg
THTS440N9bbcccc3	4	CREE / NICHIA	400W	390W	132 lm/W	51480 lm	523 X 305 X 157	10.7kg
THTS550G4bbcccc0	3	CREE / NICHIA	500W	480W	121 lm/W	58080 lm	564 X 341 X 163	10.5kg
THTS560G4bbcccc0	3	CREE / NICHIA	600W	585W	115 lm/W	67290 lm	564 X 341 X 163	10.5kg
THTS580G4bbcccc0	4	CREE / NICHIA	800W	780W	115 lm/W	89720 lm	409 X 661 X 163	14.8kg
THTS5A0G4bbcccc0	6	CREE / NICHIA	1000W	960W	121 lm/W	116160 lm	564 X 661 X 163	21.0kg
THTS5C0G4bbcccc0	6	CREE / NICHIA	1200W	1170W	115 lm/W	134580 lm	564 X 661 X 163	21.0kg



30W/40W/50W



160W/200W



60W/80W/100W



300W/400W



120W/160W/200W



500W/600W



240W/300W



800W



400W



1000W/1200W

Project Light / Floodlight

High Power CREE or NICHIA LED

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
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CE CB RoHS ENEC IP67

Model No.	No. of Module	LED Brand	Wattage	Power Consumption	Luminous Efficacy	Total Lumen (at 5000K)	Product Dimension (mm)	Product Weight
THTS103N0bbcccc0	1	CREE / NICHIA	30W	28.5W	136 lm/W	3880 lm	289 X 346 X 143	4.2kg
THTS104N0bbcccc0	1	CREE / NICHIA	40W	38.5W	131 lm/W	5040 lm	289 X 346 X 143	4.2kg
THTS105N0bbcccc0	1	CREE / NICHIA	50W	48.5W	125 lm/W	6040 lm	289 X 346 X 143	4.2kg
THTS306N9bbcccc0	1	CREE / NICHIA	60W	57.5W	140 lm/W	8050 lm	293 X 346 X 143	4.5kg
THTS308N9bbcccc0	1	CREE / NICHIA	80W	77.5W	136 lm/W	10540 lm	293 X 346 X 143	4.5kg
THTS310N9bbcccc0	1	CREE / NICHIA	100W	97.5W	132 lm/W	12870 lm	293 X 346 X 143	4.5kg
THTS312N9bbcccc0	2	CREE / NICHIA	120W	115W	140 lm/W	16100 lm	416 X 346 X 143	7.5kg
THTS316N9bbcccc0	2	CREE / NICHIA	160W	155W	136 lm/W	21080 lm	416 X 346 X 143	7.5kg
THTS320N9bbcccc0	2	CREE / NICHIA	200W	195W	132 lm/W	25740 lm	416 X 346 X 143	7.5kg
THTS324N9bbcccc0	3	CREE / NICHIA	240W	232.5W	136 lm/W	31620 lm	533 X 346 X 143	10.3kg
THTS330N9bbcccc0	3	CREE / NICHIA	300W	295.5W	132 lm/W	38610 lm	533 X 346 X 143	10.3kg
THTS340N9bbcccc0	4	CREE / NICHIA	400W	390W	132 lm/W	51480 lm	650 X 346 X 143	13.8kg
THTS350N9bbcccc0	5	CREE / NICHIA	500W	487.5W	132 lm/W	64350 lm	767 X 346 X 143	16.6kg
THTS360N9bbcccc0	6	CREE / NICHIA	600W	585W	132 lm/W	77220 lm	884 X 346 X 143	19.4kg



30W/40W/50W
60W/80W/100W

120W/160W/200W



240W/300W

400W



500W

600W

Pole Light / Street Light

High Power CREE or NICHIA LED

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
- Power Factor: >0.95 (100~240V), >0.9(240~277V)
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CE CB     IP67 

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THTS004N0bbcccc4	1	CREE / NICHIA	40W	38.5W	131 lm/W	5040 lm	447 X 150 X 128	3.0kg
THTS005N0bbcccc4	1	CREE / NICHIA	50W	48.5W	125 lm/W	6040 lm	447 X 150 X 128	3.0kg
THTS406N9bbcccc4	1	CREE / NICHIA	60W	57.5W	140 lm/W	8050 lm	447 X 172 X 135	3.2kg
THTS408N9bbcccc4	1	CREE / NICHIA	80W	77.5W	136 lm/W	10540 lm	447 X 172 X 135	3.2kg
THTS410N9bbcccc4	1	CREE / NICHIA	100W	97.5W	132 lm/W	12870 lm	447 X 172 X 135	3.2kg
THTS412N9bbcccc2	2	CREE / NICHIA	120W	115W	140 lm/W	16100 lm	421 X 305 X 135	6.0kg
THTS416N9bbcccc2	2	CREE / NICHIA	160W	155W	136 lm/W	21080 lm	421 X 305 X 135	6.0kg
THTS420N9bbcccc2	2	CREE / NICHIA	200W	195W	132 lm/W	25740 lm	421 X 305 X 135	6.0kg
THTS424N9bbcccc2	3	CREE / NICHIA	240W	232.5W	136 lm/W	31620 lm	538 X 305 X 135	8.7kg
THTS430N9bbcccc2	3	CREE / NICHIA	300W	295.5W	132 lm/W	38610 lm	538 X 305 X 135	8.7kg
THTS440N9bbcccc2	4	CREE / NICHIA	400W	390W	132 lm/W	51480 lm	685 X 305 X 135	11.3kg



30W/40W/50W



240W/300W



60W/80W/100W



400W



120W/160W/200W

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CE CB   IP67 

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THTS103N0bbcccc4	1	CREE / NICHIA	30W	28.5W	136 lm/W	3880 lm	504 X 163 X 143	4.5kg
THTS104N0bbcccc4	1	CREE / NICHIA	40W	38.5W	131 lm/W	5040 lm	504 X 163 X 143	4.5kg
THTS105N0bbcccc4	1	CREE / NICHIA	50W	48.5W	125 lm/W	6040 lm	504 X 163 X 143	4.5kg
THTS306N9bbcccc4	1	CREE / NICHIA	60W	57.5W	140 lm/W	8050 lm	504 X 173 X 143	4.8kg
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THTS310N9bbcccc4	1	CREE / NICHIA	100W	97.5W	132 lm/W	12870 lm	504 X 173 X 143	4.8kg
THTS312N9bbcccc2	2	CREE / NICHIA	120W	115W	140 lm/W	16100 lm	398 X 346 X 145	7.8kg
THTS316N9bbcccc2	2	CREE / NICHIA	160W	155W	136 lm/W	21080 lm	398 X 346 X 145	7.8kg
THTS320N9bbcccc2	2	CREE / NICHIA	200W	195W	132 lm/W	25740 lm	398 X 346 X 145	7.8kg
THTS324N9bbcccc2	3	CREE / NICHIA	240W	232.5W	136 lm/W	31620 lm	515 X 346 X 145	10.6kg
THTS330N9bbcccc2	3	CREE / NICHIA	300W	295.5W	132 lm/W	38610 lm	515 X 346 X 145	10.6kg
THTS340N9bbcccc2	4	CREE / NICHIA	400W	390W	132 lm/W	51480 lm	662 X 346 X 145	14.1kg
THTS350N9bbcccc2	5	CREE / NICHIA	500W	487.5W	132 lm/W	64350 lm	779 X 346 X 145	16.9kg
THTS360N9bbcccc2	6	CREE / NICHIA	600W	585W	132 lm/W	77220 lm	896 X 346 X 145	19.8kg



30W/40W/50W
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Wall Light / Tunnel Light

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CE CB    

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THTS412N9bbcccc3	2	CREE / NICHIA	120W	115W	140 lm/W	16100 lm	289 X 305 X 157	5.5kg
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THTS416G4bbcccc3	2	CREE / NICHIA	160W	155W	136 lm/W	21080 lm	289 X 305 X 157	5.5kg
THTS520G4bbcccc0	1	CREE / NICHIA	200W	195W	115 lm/W	22430 lm	254 X 337 X 147	4.1kg
THTS420N9bbcccc3	2	CREE / NICHIA	200W	195W	132 lm/W	25740 lm	289 X 305 X 157	5.5kg
THTS424N9bbcccc3	3	CREE / NICHIA	240W	232.5W	136 lm/W	31620 lm	406 X 305 X 157	7.9kg
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THTS560G4bbcccc0	3	CREE / NICHIA	600W	585W	115 lm/W	67290 lm	564 X 341 X 163	10.5kg
THTS580G4bbcccc0	4	CREE / NICHIA	800W	780W	115 lm/W	89720 lm	409 X 661 X 163	14.8kg
THTS5A0G4bbcccc0	6	CREE / NICHIA	1000W	960W	121 lm/W	116160 lm	564 X 661 X 163	21.0kg
THTS5C0G4bbcccc0	6	CREE / NICHIA	1200W	1170W	115 lm/W	134580 lm	564 X 661 X 163	21.0kg



30W/40W/50W



160W/200W



60W/80W/100W



300W/400W



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400W



1000W/1200W

Wall Light / Tunnel Light

High Power CREE or NICHIA LED

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
- Power Factor: >0.95 (100~240V), >0.9(240~277V)
- Operating Temperature: -30°~50°
- Color Rendering Index: Ra>70

- Ingress Protection Rating: IP67 (IEC 60598-2-3)
- Surge Protection: 12kV/6kV (IEC 61000-4-5)
- Impact Resistance Rating: IK10 (IEC 62262)
- Wind tunnel safety testing approval- up to 60m/s (216 km/h; 135mph) or Mechanical Load: four times the weight (IEC 60598-2-5)
- Salt Mist Test (IEC 60068-2-1 & IEC 60068-2-52)

CE CB RoHS IP67

Model No.	No. of Module	LED Brand	Wattage	Power Consumption	Luminous Efficacy	Total Lumen (at 5000K)	Product Dimension (mm)	Product Weight
THTS103N0bbcccc1	1	CREE / NICHIA	30W	28.5W	136 lm/W	3880 lm	163 X 346 X 193	4.1kg
THTS104N0bbcccc1	1	CREE / NICHIA	40W	38.5W	131 lm/W	5040 lm	163 X 346 X 193	4.1kg
THTS105N0bbcccc1	1	CREE / NICHIA	50W	48.5W	125 lm/W	6040 lm	163 X 346 X 193	4.1kg
THTS306N9bbcccc1	1	CREE / NICHIA	60W	57.5W	140 lm/W	8050 lm	173 X 346 X 194	4.4kg
THTS308N9bbcccc1	1	CREE / NICHIA	80W	77.5W	136 lm/W	10540 lm	173 X 346 X 194	4.4kg
THTS310N9bbcccc1	1	CREE / NICHIA	100W	97.5W	132 lm/W	12870 lm	173 X 346 X 194	4.4kg
THTS312N9bbcccc3	2	CREE / NICHIA	120W	115W	140 lm/W	16100 lm	290 X 346 X 194	7.4kg
THTS316N9bbcccc3	2	CREE / NICHIA	160W	155W	136 lm/W	21080 lm	290 X 346 X 194	7.4kg
THTS320N9bbcccc3	2	CREE / NICHIA	200W	195W	132 lm/W	25740 lm	290 X 346 X 194	7.4kg
THTS324N9bbcccc3	3	CREE / NICHIA	240W	232.5W	136 lm/W	31620 lm	407 X 346 X 194	10.2kg
THTS330N9bbcccc3	3	CREE / NICHIA	300W	295.5W	132 lm/W	38610 lm	407 X 346 X 194	10.2kg
THTS340N9bbcccc3	4	CREE / NICHIA	400W	390W	132 lm/W	51480 lm	524 X 346 X 194	13.7kg
THTS350N9bbcccc3	5	CREE / NICHIA	500W	487.5W	132 lm/W	64350 lm	641 X 346 X 194	16.5kg
THTS360N9bbcccc3	6	CREE / NICHIA	600W	585W	132 lm/W	77220 lm	758 X 346 X 194	19.3kg



30W/40W/50W
60W/80W/100W

120W/160W/200W



240W/300W

400W



500W

600W

Bay Light

High Power CREE or NICHIA LED

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
- Power Factor: >0.95 (100~240V), >0.9(240~277V)
- Operating Temperature: -30°~50°
- Color Rendering Index: Ra>70

- Ingress Protection Rating: IP67 (IEC 60598-2-3)
- Surge Protection: 12kV/6kV (IEC 61000-4-5)
- Impact Resistance Rating: IK10 (IEC 62262)
- Wind tunnel safety testing approval- up to 60m/s (216 km/h; 135mph) or Mechanical Load: four times the weight (IEC 60598-2-5)
- Salt Mist Test (IEC 60068-2-1 & IEC 60068-2-52)

CE CB    

Model No.	No. of Module	LED Brand	Wattage	Power Consumption	Luminous Efficacy	Total Lumen (at 5000K)	Product Dimension (mm)	Product Weight
THTS003N0bbcccc1	1	CREE / NICHIA	30W	28.5W	136 lm/W	3880 lm	150 X 305 X 157	2.6kg
THTS004N0bbcccc1	1	CREE / NICHIA	40W	38.5W	131 lm/W	5040 lm	150 X 305 X 157	2.6kg
THTS005N0bbcccc1	1	CREE / NICHIA	50W	48.5W	125 lm/W	6040 lm	150 X 305 X 157	2.6kg
THTS406N9bbcccc1	1	CREE / NICHIA	60W	57.5W	140 lm/W	8050 lm	172 X 305 X 157	2.8kg
THTS408N9bbcccc1	1	CREE / NICHIA	80W	77.5W	136 lm/W	10540 lm	172 X 305 X 157	2.8kg
THTS410N9bbcccc1	1	CREE / NICHIA	100W	97.5W	132 lm/W	12870 lm	172 X 305 X 157	2.8kg
THTS412N9bbcccc1	2	CREE / NICHIA	120W	115W	140 lm/W	16100 lm	289 X 305 X 157	5.5kg
THTS516G4bbcccc0	1	CREE / NICHIA	160W	160W	121 lm/W	19360 lm	254 X 337 X 124	4.1kg
THTS416G4bbcccc1	2	CREE / NICHIA	160W	155W	136 lm/W	21080 lm	289 X 305 X 157	5.5kg
THTS520G4bbcccc0	1	CREE / NICHIA	200W	195W	115 lm/W	22430 lm	254 X 337 X 124	4.1kg
THTS420N9bbcccc1	2	CREE / NICHIA	200W	195W	132 lm/W	25740 lm	289 X 305 X 157	5.5kg
THTS424N9bbcccc1	3	CREE / NICHIA	240W	232.5W	136 lm/W	31620 lm	406 X 305 X 157	7.9kg
THTS530G4bbcccc0	2	CREE / NICHIA	300W	300W	123 lm/W	36900 lm	352 X 341 X 237	7.2kg
THTS430N9bbcccc1	3	CREE / NICHIA	300W	292.5W	132 lm/W	38610 lm	406 X 305 X 157	7.9kg
THTS540G4bbcccc0	2	CREE / NICHIA	400W	390W	115 lm/W	44860 lm	352 X 337 X 237	7.2kg
THTS440N9bbcccc1	4	CREE / NICHIA	400W	390W	132 lm/W	51480 lm	523 X 305 X 157	10.4kg
THTS550G4bbcccc0	3	CREE / NICHIA	500W	480W	121 lm/W	58080 lm	502 X 341 X 237	10.3kg
THTS560G4bbcccc0	3	CREE / NICHIA	600W	585W	115 lm/W	67290 lm	502 X 341 X 237	10.3kg
THTS580G4bbcccc0	4	CREE / NICHIA	800W	780W	115 lm/W	89720 lm	352 X 657 X 237	14.6kg
THTS5A0G4bbcccc0	6	CREE / NICHIA	1000W	960W	121 lm/W	116160 lm	502 X 661 X 237	20.8kg
THTS5C0G4bbcccc0	6	CREE / NICHIA	1200W	1170W	115 lm/W	134580 lm	502 X 661 X 237	20.8kg



30W/40W/50W



160W/200W



60W/80W/100W



300W/400W



120W/160W/200W



500W/600W



240W/300W



800W



400W



1000W/1200W

Bay Light

High Power CREE or NICHIA LED

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
- Power Factor: >0.95 (100~240V), >0.9(240~277V)
- Operating Temperature: -30°~50°
- Color Rendering Index: Ra>70

- Ingress Protection Rating: IP67 (IEC 60598-2-3)
- Surge Protection: 12kV/6kV (IEC 61000-4-5)
- Impact Resistance Rating: IK10 (IEC 62262)
- Wind tunnel safety testing approval- up to 60m/s (216 km/h; 135mph) or Mechanical Load: four times the weight (IEC 60598-2-5)
- Salt Mist Test (IEC 60068-2-1 & IEC 60068-2-52)

CE CB IP67

Model No.	No. of Module	LED Brand	Wattage	Power Consumption	Luminous Efficacy	Total Lumen (at 5000K)	Product Dimension (mm)	Product Weight
THTS103N0bbcccc1	1	CREE / NICHIA	30W	28.5W	136 lm/W	3880 lm	163 X 346 X 193	4.1kg
THTS104N0bbcccc1	1	CREE / NICHIA	40W	38.5W	131 lm/W	5040 lm	163 X 346 X 193	4.1kg
THTS105N0bbcccc1	1	CREE / NICHIA	50W	48.5W	125 lm/W	6040 lm	163 X 346 X 193	4.1kg
THTS306N9bbcccc1	1	CREE / NICHIA	60W	57.5W	140 lm/W	8050 lm	173 X 346 X 194	4.4kg
THTS308N9bbcccc1	1	CREE / NICHIA	80W	77.5W	136 lm/W	10540 lm	173 X 346 X 194	4.4kg
THTS310N9bbcccc1	1	CREE / NICHIA	100W	97.5W	132 lm/W	12870 lm	173 X 346 X 194	4.4kg
THTS312N9bbcccc1	2	CREE / NICHIA	120W	115W	140 lm/W	16100 lm	290 X 346 X 194	7.4kg
THTS316N9bbcccc1	2	CREE / NICHIA	160W	155W	136 lm/W	21080 lm	290 X 346 X 194	7.4kg
THTS320N9bbcccc1	2	CREE / NICHIA	200W	195W	132 lm/W	25740 lm	290 X 346 X 194	7.4kg
THTS324N9bbcccc1	3	CREE / NICHIA	240W	232.5W	136 lm/W	31620 lm	407 X 346 X 194	10.2kg
THTS330N9bbcccc1	3	CREE / NICHIA	300W	295.5W	132 lm/W	38610 lm	407 X 346 X 194	10.2kg
THTS340N9bbcccc1	4	CREE / NICHIA	400W	390W	132 lm/W	51480 lm	524 X 346 X 194	13.7kg
THTS350N9bbcccc1	5	CREE / NICHIA	500W	487.5W	132 lm/W	64350 lm	641 X 346 X 194	16.5kg
THTS360N9bbcccc1	6	CREE / NICHIA	600W	585W	132 lm/W	77220 lm	758 X 346 X 194	19.3kg



30W/40W/50W
60W/80W/100W

120W/160W/200W



240W/300W

400W



500W

600W

Circular Bay light

High Power CREE or NICHIA LED

- Input Voltage: AC200~277V (option AC100~200V)
 - Input frequency: 50/60Hz
 - Power Factor: >0.95 (100~240V), >0.9(240~277V)
 - Operating Temperature: -30°~50°
 - Color Rendering Index: Ra>70
- Ingress Protection Rating: IP67 (IEC 60598-2-3)
 - Surge Protection: 10kV/5kV (IEC 61000-4-5)
 - Impact Resistance Rating: IK10 (IEC 62262)

CE   IP67 

Model No.	No. of Module	LED Brand	Wattage	Power Consumption	Luminous Efficacy	Total Lumen (at 5000K)	Product Dimension (mm)	Product Weight
THTS208N0bbcccc0	2	CREE / NICHIA	80W	77W	131 lm/W	10080 lm	Ø438 X 242	4.9kg
THTS210N0bbcccc0	2	CREE / NICHIA	100W	97W	125 lm/W	12080 lm	Ø438 X 242	4.9kg
THTS212N0bbcccc0	3	CREE / NICHIA	120W	115.5W	131 lm/W	15120 lm	Ø438 X 242	6.9kg
THTS215N0bbcccc0	3	CREE / NICHIA	150W	145.5W	125 lm/W	18120 lm	Ø438 X 242	6.9kg



80W/100W

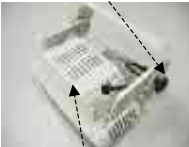


120W/150W

Product Appearance (illustration on lighting fixture)

Archer (Elegant)

Tool-free angle adjustment



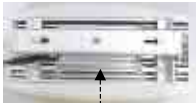
Aluminium Back Cover included

Aluminium Side Frame included



Aluminium Side Frame included

Green Lux (Practical)



Without Aluminium Back Cover



Aluminium Side Frame included



Aluminium Side Frame included

Brick (Competing)



Without Aluminium Back Cover



Without Aluminium Side Frame



Without Aluminium Side Frame

Bracket Option

Street / Pole Light



Street / Pole Light (vertical)



Project Light / Floodlight



High / Low Bay Light



Wall Light / Tunnel Light



LED Floodlight / LED Fishing Light

High Power CREE or NICHIA LED

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
- Power Factor: >0.95 (100~240V), >0.9(240~277V)
- Operating Temperature: -30°~50°
- Color Rendering Index: Ra>70
- Ingress Protection Rating: IP67 (IEC 60598-2-3)
- Surge Protection: 10kV/5kV (IEC 61000-4-5)
- Impact Resistance Rating: IK10 (IEC 62262)
- Wind tunnel safety testing approval- up to 60m/s (216 km/h; 135mph) or Mechanical Load: four times the weight (IEC 60598-2-5)
- Salt Mist Test (IEC 60068-2-1 & IEC 60068-2-52)

CE CB   IP67 

Model No.	No. of Module	LED Brand	Wattage	Power Consumption	Luminous Efficacy	Total Lumen (at 5000K)	Product Dimension (mm)	Product Weight
THTS008N0bbcccc6	2	CREE / NICHIA	80W	77W	131 lm/W	10080 lm	336 X 305 X 169	5.2kg
THTS010N0bbcccc6	2	CREE / NICHIA	100W	97W	125 lm/W	12080 lm	336 X 305 X 169	5.2kg
THTS012N0bbcccc7	3	CREE / NICHIA	120W	115.5W	131 lm/W	15120 lm	432 X 305 X 169	7.6kg
THTS015N0bbcccc7	3	CREE / NICHIA	150W	145.5W	125 lm/W	18120 lm	432 X 305 X 169	7.6kg



80W/100W



120W/150W

LED Baylight

High Power CREE or NICHIA LED

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
- Power Factor: >0.95 (100~240V), >0.9(240~277V)
- Operating Temperature: -30°~50°
- Color Rendering Index: Ra>70
- Ingress Protection Rating: IP67 (IEC 60598-2-3)
- Surge Protection: 10kV/5kV (IEC 61000-4-5)
- Impact Resistance Rating: IK10 (IEC 62262)
- Wind tunnel safety testing approval- up to 60m/s (216 km/h; 135mph) or Mechanical Load: four times the weight (IEC 60598-2-5)
- Salt Mist Test (IEC 60068-2-1 & IEC 60068-2-52)

CE CB   IP67 

Model No.	No. of Module	LED Brand	Wattage	Power Consumption	Luminous Efficacy	Total Lumen (at 5000K)	Product Dimension (mm)	Product Weight
THTS008N0bbcccc5	2	CREE / NICHIA	80W	77W	131 lm/W	10080 lm	341 X 305 X 157	5.4kg
THTS010N0bbcccc5	2	CREE / NICHIA	100W	97W	125 lm/W	12080 lm	341 X 305 X 157	5.4kg
THTS012N0bbcccc5	3	CREE / NICHIA	120W	115.5W	131 lm/W	15120 lm	432 X 305 X 169	7.7kg
THTS015N0bbcccc5	3	CREE / NICHIA	150W	145.5W	125 lm/W	18120 lm	432 X 305 X 169	7.7kg



80W/100W



120W/150W

Single LED Module 30W~200W

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
- Power Factor: >0.95 (100~240V), >0.9 (240~277V)
- Color Rendering Index: Ra>70
- Ingress Protection Rating: IP67 (IEC 60598-2-3)
- Impact Resistance Rating: IK10 (IEC 62262)
- Surge Protection: 4kV/2kV or Optional 12kV/6kV (IEC 61000-4-5)

CE CB FCC ENEC IP67

Model No.	LED Brand	Wattage	Power Consumption	Luminous Efficacy	Total Lumen (at 5000K)	Operating Temperature	Product Dimension (mm)	Product Weight
THTS003N0bbccA1Y	CREE / NICHIA	30W	28.5W	136 lm/W	3880 lm	-30°~70°C	95 X 280 X 134	1.6 kg
THTS004N0bbccA1Y	CREE / NICHIA	40W	38.5W	131 lm/W	5040 lm	-30°~65°C	95 X 280 X 134	1.6 kg
THTS005N0bbccA1Y	CREE / NICHIA	50W	48.5W	125 lm/W	6040 lm	-30°~60°C	95 X 280 X 134	1.6 kg
THTS406N9bbccA1Y	CREE / NICHIA	60W	57.5W	140 lm/W	8050 lm	-30°~70°C	95 X 280 X 134	1.9 kg
THTS408N9bbccA1Y	CREE / NICHIA	80W	77.5W	136 lm/W	10540 lm	-30°~65°C	95 X 280 X 134	1.9 kg
THTS410N9bbccA1Y	CREE / NICHIA	100W	97.5W	132 lm/W	12870 lm	-30°~60°C	120 X 280 X 134	1.9 kg
THTS516G4bbccA1Y	CREE / NICHIA	160W	160W	121 lm/W	19360 lm	-30°~60°C	153 X 280 X 121	2.8 kg
THTS520G4bbccA1Y	CREE / NICHIA	200W	195W	115 lm/W	22430 lm	-30°~60°C	153 X 280 X 121	2.8 kg



30W~50W



60W~100W

AC LED Driver 30W~100W

- Input Voltage: AC200~277V (option AC100~200V)
- Input frequency: 50/60Hz
- Input Efficiency: 92%
- Power Factor: >0.95 (100~240V), >0.9 (240~277V)
- Ingress Protection Rating: IP67 (IEC 60598-2-3)
- Surge Protection: 4kV/2kV or Optional 12kV/6kV (IEC 61000-4-5)



30W~50W



30W~50W



60W~100W

CE CB FCC ENEC IP67

Model No.	Wattage	Output Current	Power Consumption	Operating Temperature	Product Dimension (mm)	Product Weight	Dimming Option	Protection
THT402006F000121	30W	600mA	33~46V	-30°~70°C	137 X 72 X 55	0.7 kg	No	short circuit / over current / over voltage / over temperature
THT402006F000129	40W	800mA	33~46V	-30°~65°C	137 X 72 X 55	0.7 kg	No	short circuit / over current / over voltage / over temperature
THT402006F000117	50W	1000mA	33~46V	-30°~60°C	137 X 72 X 55	0.7 kg	No	short circuit / over current / over voltage / over temperature
THT402013F000100	60W	1200mA	33~52V	-30°~70°C	143 X 89 X 79	1.0 kg	Dimmable with 0~10V, PWM or Resistance dimmer	short circuit / over current / over voltage / over temperature
THT402011F000100	80W	1600mA	33~52V	-30°~65°C	143 X 89 X 79	1.0 kg	Dimmable with 0~10V, PWM or Resistance dimmer	short circuit / over current / over voltage / over temperature
THT402009F000101	100W	2000mA	33~52V	-30°~60°C	143 X 89 X 79	1.0 kg	Dimmable with 0~10V, PWM or Resistance dimmer	short circuit / over current / over voltage / over temperature



Street Light



Project Light



Street Light



Project Light

Green Lux



Item No.	C003CYaabb4 (Street Light) C003CYaabb0 (Project Light)
Luminaire Wattage	30W
Power Consumption(W)	28.5
Lm/W	136
Lumens	3880
LED module	1 module
CCT	5000K(Neutral White)*
Input Voltage	12-24 Vdc
Solar Panel	100W
Solar Charge Controller	12V/24V 10A
Weight	3kg/8.2kg(100W Solar Panel)
Water Proof	IP 67(Lighting Fixture) /IP 65 (Solar Panel)
Lead-acid battery	12V 100AH
Working Time	3 days(10hrs/day)
Peak Sunshine Hours	5 hrs per day in average
Operation Temp.	-30~50°C/ -40~85°C
Dimension (Light Fixture)	446.5*150*128.1 mm
Dimension (Solar Parts)	1190*540*35mm(100W Solar Panel)
LED Lifetime(L70)	54000 hrs
Fixture Lifetime(L70)	54000 hrs
Power Authentication	CE
Light Authentication	CE
LED Type	CREE / NICHIA
*Available CCT	3000K(Warm White), 6000K(Cool White)

Green Lux



Item No.	C006CYaabb2 (Street Light) C006CYaabb0 (Project Light)
Luminaire Wattage	60W
Power Consumption(W)	57
Lm/W	136
Lumens	7760
LED module	2 modules
CCT	5000K(Neutral White)*
Input Voltage	12-24 Vdc
Solar Panel	2 X 100W
Solar Charge Controller	12V/24V 10A
Weight	5.4Kg/8.2kg(100W Solar Panel)
Water Proof	IP 67(Lighting Fixture) /IP 65 (Solar Panel)
Lead-acid battery	12V 100AH
Working Time	3 days(10hrs/day)
Peak Sunshine Hours	5 hrs per day in average
Operation Temp.	-30~50°C/ -40~85°C
Dimension (Light Fixture)	377*305*128.1mm
Dimension (Solar Parts)	1190*540*35mm(100W Solar Panel)
LED Lifetime(L70)	54000 hrs
Fixture Lifetime(L70)	54000 hrs
Power Authentication	CE
Light Authentication	CE
LED Type	CREE / NICHIA
*Available CCT	3000K(Warm White) 6000K(Cool White)