







# **NuTec LED Lighting Catalogue 2021 Vol. 1**







**DOWNLIGHTS** 



**HIGHBAYS** 



STREET LIGHTS



**SOLAR LIGHTS** 



**FLOOD LIGHTS** 



**SOLAR BULBS** 



**EXPLOSION PROOF** 



**EMERGENCY LIGHTS** 



**FIXTURES** 



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## Advantages:

- High brightness
- Reliable power supply/driver.
- · Suitable to be used at
- Clothing or jewelry showroom,
- Office, Hotel,
- Exhibition Hall
- and others are where need illumination.

	INDUSTRIAL TUBE SERIES									
Part Number Power Input Voltage Lumens				Beam Angle	CRI	PF				
NTPC-T8009	9W	100-240Vac	900lm		>70	>0.90				
NTPC-T8018	18W	100-277Vac	2,100lm	110°						
NTPC-T8020	20W	100-277VaC	2,500lm							
VALUE TUBE SERIES										
NTPC-T8016CT	16W	100-277Vac	1,950lm	140	>70	>0.90				

## **EMERGENCY T8 TUBE**

Part Number	Power	Input Voltage	Lumens	Beam Angle	CRI	PF
NTPC-T8E18	18W	180-277Vac	1,800lm	110	>70	>0.90



## Advantages:

Backup Time: >45 min.

- · Industrial Standard
- Suitable to be used at Office, Hotel, Exhibition Hall, Production Line.

## **T8 TUBE WITH MOTION SENSOR**

ı							
	Part Number	Power	Input Voltage	Lumens	Beam Angle	CRI	PF
	NTPC-T8018-MS	18W	100-240Vac	1,800lm	110	>70	>0.90

#### Advantages:

Sense Time-out: 10-15secs.

- Industrial Standard
- Suitable to be used at
- Hallways or other areas with not much traffic but needed some lights.
- -Dimmed after 10-15 sec. without movement.
- -automatic 100% light-up if movement detected.

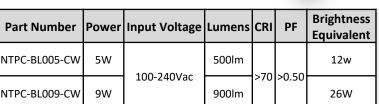




## **LED BULB SERIES**

## Advantages:

- Direct replacement of traditional CFL & incandescent bulbs.
- Polycarbonate body
- Lower wattages to reduce energy consumption
- >90lm/w



Application: Hotel, show room, office, house, exhibit hall, other

## **LED LOWBAY BULB SERIES**

## Advantages:

- **IP65**
- 150lm/w
- E27, with adapter for E40 used
- Replacement for lowbay's <7meter in height.



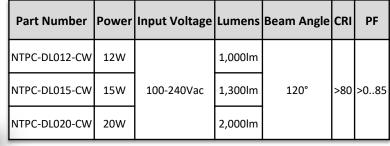
Part Numbe	Power	Input Voltage	Lumens	CRI	PF	Brightness Equivalent
NTPC-BL035N	35W		3700lm			65w
NTPC-BL055N	55W	185-277Vac	6000lm	>80	>0.90	100w
NTPC-BL070N	70W		9000lm			150W

Application: Warehouses with <7m ceiling height

## **LED DOWN LIGHT SERIES**

## Advantages:

- No screw needed High heat dissipation
- of aluminum board with have low light decay
- Replace traditional down light
- >90lm/w

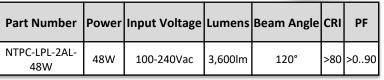


Application: House, office, hotels, etc.

## **LED PANEL LIGHT SERIES**

## Advantages:

- 600\*600mm / 600\*1200mm avail. sizes
- 40w 60w design
- Slim Type
- Can be 5000-6500K depends to the req.
- SMD 4014, aluminum case







## **HIGHBAY GEN. 5**

#### Advantages:

With International Japan Nichia LED components which has high brightness and long lifespan.

Optimized heat fins for natural convection.

High efficiency cooling system.

Product meet IP65 standard.

Power supply ranging from 100-277Vac, 50/60Hz (MEANWELL TAIWAN)

High light transmission tempered glass protection

High lumens output 140lm/w - 150lm/w

Part Number	Power	Input Voltage	Lumens	Beam Angle	CRI	DE	Brightness Equivalent
NTPC-HB5150-IP65	150W	AC100 to 277V	21,000lm	120°	>80	>0.9	400w

**Recommended** for high temp. / high humid areas

## **EMERGENCY HIGHBAY SERIES**

## Advantages:

- With International LUMILEDS LED components which has high brightness and long lifespan.
- Optimized heat fins for natural convection.
- High efficiency cooling system.
- Product meet IP65 standard.
- Power supply ranging from 100-277Vac, 50/60Hz
- High light transmission tempered glass protection cover.
- Backup Time: 90 minutes
- Backup Wattage: 20% of original

Part Number	Power	Input Voltage	Lumens	Beam Angle	CRI	PF	Brightness Equivalent
NTPC-EHB100-300mm	100W	100- 277Vac	15,000lm	1000	>80	>0.9	200W
NTPC-EHB150-300mm	150W		21,000lm	120°			400W

## **HIGHBAY GEN. 5-II SERIES**

## Advantages:

With SMDLED 2835 component w/c has

brightness and long lifespan.

- Optimized heat fins for natural convection.
- High efficiency cooling system.
- Product meet IP40 standard.
- Power supply ranging from 100-277Vac, 50/60Hz.
- High light transmission PC cover.
- Optional: Acrylic reflector



Part Number	Power	Input Voltage	Lumens	Beam Angle	CRI	PF	Brightness Equivalent
NTPC-HB52-080W	80W		12,000lm				150W
NTPC-HB52-100W	100W		15,000lm				200W
NTPC-HB52-120W	120W	100-277Vac	18,000lm	120°	>80	>0.9	300W
NTPC-HB52-160W	160W		24,000lm				400W
NTPC-HB52-185W	185W		28,000lm				600w

**Application:** warehouse, production line, mall, hyper market, etc.





## **LED FLOOD LIGHT SERIES (gen.4)**

## Advantages:

- Lumileds LED component.
- High Brightness & long lifespan.
- High efficiency cooling system.
- Meet IP65 standard.
- · High light transmission glass protection cover.
- Power supply range 100-240Vac, 50/60Hz.



Part Number	Power	Input Voltage	Lumens	Beam Angle	CRI	PF	Brightness Equivalent
NTPC-FL050-G4-xx	50W		6,500lm				100W
NTPC-FL080-G4-xx	80W		10,400lm				150W
NTPC-FL100-G4-xx	100W		13,000lm				200W
NTPC-FL150-G4-xx	150W	100-277Vac	19,500lm	120°	>70	>0.90	300W
NTPC-FL200-G4-xx	200W		26,000lm				400W
NTPC-FL300-G4-xx	300W		39,000lm				>500W
NTPC-FL400-G4-xx	400W		52,000lm				>500W

**Application:** Advertisements, Building envelops, Garage, Tunnel, etc.

## **LED FLOOD LIGHT SERIES (gen.5)**

## Advantages:

- Heat sink system consists of Aluminum alloy
- Philips LED component which have better lighting performance.
- · Each Modular is rotatable.
- Energy saving up to 80%.
- Conforming to IP65 standard.

s	Beam Angle	CRI	PF	Brightness Equivalent				
n				300W				
n				500W				

Part Number	Power	Input Voltage	Lumens	Angle	CRI	PF	Equivalent
NTPC-FL5120	120W		16,800lm				300W
NTPC-FL5180	180W		25,200lm				500W
NTPC-FL5240	240W	100-277Vac	33,600lm	1 0, , 0, 100,	. 70	>0.90	600W
NTPC-FL5360	360W		50,400lm	AN- Asymmetric 15	-		800W
NTPC-FL5480	480W		67200lm	13			1000W
NTPC-FL5600	600W		84,000lm				1200W

Application: Stadium, High Mast Lighting. Etc.





## LED FLOOD LIGHT – EXPLOSION PROOF SERIES

#### Advantages:

- with International (US) Bridgelux LED component
- optimized heat fins for natural convection.
- · High efficiency cooling system.
- UL CERT.
- · IP68 rating.
- · Meanwell power supply
- High light transmission glass protection cover.

Part Number	Power	Input Voltage	Lumens	IP Rating	CRI	PF	Brightness Equivalent
NTPC-FL030-G6	30W		3,000lm				65W
NTPC-FL060-G6	60W		6,000lm				150W
NTPC-FL100-G6	100W	100-277Vac	10,000lm	IP 68	>70	>0.90	200W
NTPC-FL120-G6	120W		12,000lm				250W
NTPC-FL185-G6	185W		18,500lm				400W

Application: Petroleum Factories, Gas stations, etc.

## **EXPLOSION PROOF CASING FOR LED T8 TUBE**

Lamp Structure design with excellent outlook, Aluminum body, exposure proof with Level WF2. Apply in Acid environment, tempered glass with Aluminum ring where able to prevent bent or crack.

Apply LED T8 Tube inside the tempered glass

Implement standard GB3836. 1-2000, GB3836. 2-2000 CLASS I IP54

Part Number	IP Class	Weight	Level
NTPC-EPC001	IP54	3.35KG	WF2
NTPC-EPC002	IP54	6.7KG	WF2

**Application:** Indoor only





## LED STREET LIGHT - Gen. 5-iii SERIES

## Advantages:

- Model concept to accelerate heat dissipation.
- Lumiled Luxeon LED (5050) component which have excellent brightness.
- Low light degradation.
- Tempered Glass for easy maintenance.
- Aluminum material body (6063-T5)
- Branded power supply.
- Suitable to be use:
  - highway, main road, sub road, other areas.
- IP65 standard
- Optional: Photo sensor



Part Number	Power	Input Voltage	Lumens /Watt	Beam Angle	CRI	PF	Brightness Equivalent
NTPC-SL040-xxxx-G5-iii	40W						80W
NTPC-SL060-xxxx-G5-iii	60W						120W
NTPC-SL080-xxxx-G5-iii	80W		1				160W
NTPC-SL100-xxxx-G5-iii	100W	100-277Vac	277Vac   140lm/w   TYP	TYPE II, IIII>7	>70	70 >0.90	200W
NTPC-SL120-xxxx-G5-iii	120W						250W
NTPC-SL150-xxxx-G5-iii	150W						300W

## **LED STREET LIGHT – VALUE SERIES**

## Advantages:

- Model concept to accelerate heat dissipation.
- Lumiled Luxeon LED component which have higher JC and excellent brightness.
- Low light degradation.
- AD12 material body.
- Wide angle 140 degree horizontal and 70 degree vertical
- Suitable to be use: highway, main road, sub road, village.
- IP65 standard
- Adjustable range.

Part Number	Power	Input Voltage	Lumens	Beam Angle	CRI	PF
NTPC-NVSL050	30W – 50W		7,000lm			
NTPC-NVSL100	60W – 100W	100-277Vac	14,000lm	70° & 140°	>70	>0.90
NTPC-NVSL150	120W – 150W		21,000lm			

**Application:** For street lightings

**Application:** For street lightings





## **LED SOLAR STREET LIGHT SERIES**

## Advantages:

All solar powered embracing green technology

Plug 'n play function

Max 3 days light-up during rainy days (optimized

lighting)



#### **Solar Panel Mounting Height** Part Number | Power **Battery Specs** Lumens (reference only) Specs 50W, 18V 40W 24AH/12V 130-140lm/w NTPC-SZ040-SSL 6-7 meter monocrystal 70W, 18V 36AH/12V NTPC-SZ060-SSL 150-160lm/w 7-8 meter monocrystal 100W, 18V 150-160lm/w NTPC-SZ080-SSL 80W 42AH/12V 8-9 meter monocrystal 130W, 18V NTPC-SZ100-SSL 100W 54AH/12V 130-140lm/w 10-12 meter monocrystal

**Application:** For street lightings

## **LED SOLAR FLOOD LIGHT SERIES**

## Advantages:

Light body: 300x290x55mm

Solar Panel: 530x350x17mm

Package size: 575x395x115mm

N.W: 4.2kgs G.W:5.9kgs

With Blinker Light feature for emergency purposes



Part Number	Actual / Rated (Power)	Solar Panel Specs	Battery Specs	Lumens
NTPC-PSFL015W	15W / 160W	25W, 6V polycrystal	30AH/3.2V, LiFePO₄	
NTPC-PSFL020W	20W / 240W	30W, 6V polycrystal	36AH/3.2V LiFePO <sub>4</sub>	150-160lm/w
NTPC-BSFL045W	45W / 95W	120W, 5V polycrystal	65AH/3.2V LiFePO₄	5,400lm

**Application:** For perimeter / street lightings



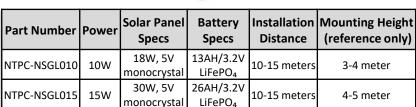


## **LED SOLAR GARDEN LIGHT SERIES**

## Advantages:

- Original patent design, independent mould
- All night lighting
- Integrated design, modular production,1 screw installation
- 3.2V low voltage design, safe and reliable





Application: For perimeter / street lightings

## **LED SOLAR BULB LIGHT SERIES**

## Advantages:

- Waterproof, can be used outdoors
- Charging time is only 5 hours.
- Operation is easy with remote controller, with time setting.
- The material of the shell is anodized aluminum alloy, better than plastic



Part Number	POWER	Solar Panel Specs	Battery Specs	AREA COVERAGE
NTPC-SSB-030W	30W	15W, 6V polycrystal	11AH/3.2V, LiFePO₄	20 SQM

Application: For indoor / outdoor lightings





## Other LED Lightings / Fixtures

## **EMERGENCY LIGHT SERIES**

#### Advantages

- 100-240VAC voltage operation
- 20 pcs super bright SMD LED
- Built-in Battery 6V 2000mAh
- Charge Time: 15-24 hours
- Discharge time: >8hrs @ full charge
- Conversion time: =<0.2second
- IP Class: IP20
- Insulation: II, Range: 80m<sup>2</sup>
- Operation Temperature: -

10°C~40°C





Part Number	Power	IP CLASS
NTPC-EMERL004W	4w	IP20
NTPC-EMERL010W	10w	IP20

## **EMERGENCY EXIT SIGNAGE**

## **Advantages**

- Maintain working mode
- Wall and ceiling mounted
- 220Vac Voltage Operation
- Super Bright SMDLED
- Built-in battery 3.6V @ 300mAH
- Charge Time: 15-24 hrs.
- Discharge Time: >90mins.
- IP Rating: IP20



Part Number	Power	IP CLASS	
NTPC-EXITL003-D	3w	IP20	

## **BOX TYPE FIXTURES**

## Advantages:

- Single Tube available in 0.6m/1.2m length of tube
- Housing and cover made of advance material (iron)
- The surface with white coating that protects against corrosion
- Lamp source for LED T8
- Without ballast or starter, save cost of maintenance, only for LED T8 tube
- End to end wire connection



Part Number	Application
NTPC-T8F-BT	For 1.2m tube length
NTPC-T8-BT06	For 0.6m tube length

\* LOUVER TYPE AVAILABLE UPON INQUIRY

#### Advantages:

- Single or Double Tube available in o.6m/1.2m/1.5m length of tube
- 127.8cm x 112cm x 100cm
- Polycarbonate Whole Body, UV Stabilized
- Stainless Metal Clips Long Last Locking
- Brittle Lock Proof
- Rewired for LED, double end.

## WEATHER PROOF CASING

Part Number	Application
NTPC-WPC0.6-S	Single type for 0.6m length tube
NTPC-WPC1.2-S	Single type for 1.2m length tube
NTPC-WPC1.5-S	Single type for 1.5m length tube
NTPC-WPC0.6-D	Double type for 0.6m length tube
NTPC-WPC1.2-D	Double type for 1.2m length tube
NTPC-WPC1.5-D	Double type for 1.5m length tube





## **Certifications**



















# PROJECT Teamwork

## **Project Reference**







## **LEAR CORPORATION – CEBU**

- SUPPLY & INSTALLATION OF HIBAY = 670 UNITS
- SUPPLY & INSTALLATION OF T8 TUBES = 6.800 PCS
- SUPPLY OF SOLAR FLOODLIGHT = 50 SETS

## (visit our website for more project list)



## HITACHI TERMINAL – OLONGAPO (SBFZ)

- SUPPLY & INSTALLATION OF HIBAY = 109 UNITS
- SUPPLY OF T8 TUBES = 290 PCS



## **JOTUN PHILIPPINES – BATANGAS**

• SUPPLY OF HIBAYS = 155 UNITS



# PRIFOODS – CEBU

## TONGLUNG PHILS. METAL – OLONGAPO (SBFZ)

- SUPPLY & INSTALLATION OF HIBAYS = 161 UNITS
- SUPPLY OF T8 TUBES = 2,400 PCS
- SUPPLY OF BULBS = 200 PCS
- SUPPLY OF FLOOD LIGHT = 60 PCS

SUPPLY & INSTALLATION OF HIBAYS = 282 UNITS

SUPPLY & INSTALLATION OF T8 TUBES = 360 PCS



# PROJECT Teamwork

## **Project Reference**

## (visit our website for more project list)



**HONEYWELL CEASA – OLONGAPO (SBFZ)** SUPPLY & INSTALLATION OF T8 TUBES = 400PCS

**FURUKAWA, LTI – LAGUNA** 

- SUPPLY & INSTALLATION OF STREET LIGHTS = 18UNITS
- SUPPLY OF EMERGENCY LIGHTS = 50PCS
- SUPPLY OF T8 TUBES = 180PCS



**MOOG CONTROLS – BAGUIO** 

SUPPLY & INSTALLATION OF T8 TUBES = 660PCS





YUTAKA MFG. PHILS - LAGUNA SUPPLY & INSTALLATION OF T8 TUBES = 700PCS

**KLT FOODS - CAVITE** SUPPLY & INSTALLATION OF T8 TUBES = 200PCS





## Some of our Satisfied LED Customer

**ADRISTE PHILIPPINES** 

AJINOMOTO

ALAGON ELECT.

ALMEX TECH, INC.

AMKOR TECH.

**ATOMED** 

**CARTITS BUILDERS** 

**CEBU TOYO** 

**CENTRAL SEAFOODS** 

**CONTINENTAL TEMIC** 

**CWC INTERNATIONAL** 

CYPRESS MANUFACTURING

DAIHO PHILS.

DELFINGEN

**DOKI SOUTH BREADS** 

**EBECOR** 

**EPSON PHILIPPINES** 

**ESSILOR BATAAN** 

EXAS

**EZSET** 

**FUNAI** 

**FURUKAWA** 

GCS ENGINEERING

**GOTO DENSHI** 

**HDK PHILIPPINES** 

HITACHI CABLE

HITACHI TERMINAL HONEYWELL CEASA

**INLAND WAREHOUSING** 

ISHIDA PHILS.

JAE

JOTUN KATOLEC

KERRY FOODS

**KLT FOODS** 

**KORLANDA CORPORATION** 

KORYO

**KOUSHIN** 

KYOCERA CRYSTAL DEVICE LA ROSE NOIRE PHILIPPINES

LEAR AUTOMOTIVE

LINDBERG

**MAKOTO METAL** 

**MANILA AMC MACHINERY** 

MATIMCO INC.

**MIKUNI TERMINALS** 

MCPI CORP.

**MOOG CONTROLS** 

NKC

OF SYSTEM PHILIPPINES

**OPTIMA TYPHOGRAPHIC** 

OPTODEV INC.

PERPETUAL SUCCOUR

PETRON FREEPORT

PHILIPPINE KENKO

PHOENIX SEMICON.

**POLYTRADE** 

PRIFOODS

PUREFOODS SAN MIGUEL

SANTECH

**SEKISUI JUCHI** 

SHIN-ETSU MAGNETIC

**SHINSEI PRINTING** 

SHOWA ALUMINUM

SIA ENGINEERING

SBITC

**SMT PHILIPPINES** 

**SUMI PHILS.(SPWS)** 

**SUNPOWER PHILIPPINES** 

**SWISS SENSE WORLDWIDE** 

TAISEI ELECTRONICS

**TAKATA PHILS CORP** 

TAMIYA PHILS.

**TECHNOPROBE ASIA** 

TECHLOG

**TEXAS INSTRUMENT** 

**TIMEX** 

TOMS MANUFACTURING

**TONGLUNG** 

**TOYOFLEX CEBU** 

**TSUKIDEN ELECTRONICS** 

TTI LAGUNA PHILIPPINES INC.

**VEGA INDUSTRIAL SALES & SERVICES** 

YAMASHIN CEBU FILTER
YUENTHAI PHILIPPINES

YUTAKA

**OUR LADY OF LOURDES PARISH** 

**CHURCH - CEBU** 





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