



Other Lighting Range



Consumer



Commercial



Industrial



MHL



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Pathite

Outdoor Lighting

**Product Catalogue 2011-2012**





## Corporate Information

Founded in 1956, the HPL Group is a major player in Indian Electrical Industry with commitment to state of art technology, manufacturing world class products. HPL Group has been serving Indian Industry since last 55 years with time tested, reliable and well-proven products in the field of Switchgears, Protection Devices, Electronic Energy Meters, Energy Management Systems, CFL Lamps, Luminaries and Wires & Cables.

HPL Group has 69 marketing offices spread throughout the country with 1200 authorised dealers and over 15000 retailers. The Group has manpower of over 5000 people. HPL Group possess nine ultra modern state-of-art manufacturing plants, located in Gurgaon (Haryana), Noida (U.P), Kundli (Haryana), Sonapat (Haryana) and Jabli (Himachal Pradesh), having 80,000 sq. mtr. covered area, to manufacture the products confirming to latest Indian and International standards. HPL has an R&D centre with over 100 Design Engineers, who are consistently working to upgrade the product technology.

Following the philosophy of 3D's i.e. Duty to work, Discipline to quality & Devotion to customers, HPL group has created a niche for itself in the electrical industry. HPL today is popularly known as " The Technology Brand of India " .



Pathite  
Outdoor Lighting







# LED Street Light

LED 30 / 40

Ingress Protection : IP-65/66

**Applications :**

- Road Lighting
- Colony lighting
- Shopping center perimeter lighting
- Industrial Area



**Specifications :**

**Housing :** High grade Aluminium pressure Die-Cast.

**Cover :** Toughened Glass.

**LED Make :** Osram / Cree / Nichia

**Lamp Efficacy :** >100 lumen/watt.

**Optics :** Different optics for different Beam pattern with high spread using high quality lenses & reflector, beam angle more than 120°

**System management :** Multiple LEDs are used in series –parallel cluster

**Control Gear :** CCCV Control driver with efficiency >90%, current regulator for each cluster.

**Lamp life with L70 criterion :** > 50,000 operating hours

**Special Features :** Reverse EMI protection provided, heat sink temperature rise above ambient <15°C.

Fixture & LED lamp conform as per specification LM-79 & LM-80 respectively

**Technical Details**

Ordering Code	Rated Wattage	Nominal Voltage	CCT	CRI	PF	THD	Lumen O/P
ESLLEDST03060	30W	85V-285V	5500K-6500K	>80	>0.95	<10%	3000
ESLLEDST04060	40W	85V-285V	5500K-6500K	>80	>0.95	<10%	4000

**Dimintions**

Wattage	Length	Width	Height	Bracket OD (Φ) mm
LED 30 / 40	560mm	260mm	110mm	60



# LED Street Light

LED 60 / 90

Ingress Protection : IP-65/66

**Applications :**

- Road Lighting
- Colony lighting
- Shopping center perimeter lighting
- Industrial Area
- A-3 Class Road Lighting



**Specifications :**

**Housing :** High grade Aluminium pressure Die-Cast.

**Cover :** Toughened Glass.

**LED Make :** Osram / Cree / Nichia

**Lamp Efficacy :** >100 lumen/watt.

**Optics :** Different optics for different Beam pattern with high spread using high quality lenses & reflector, Beam angle more than 120°

**System management :** Multiple LEDs are used in series –parallel cluster

**Control Gear :** CCCV Control driver with efficiency >90%, current regulator for each cluster.

**Lamp life with L70 criterion :** > 50,000 operating hours

**Special Features :** Reverse EMI protection provided, heat sink temperature rise above ambient <15°C.

Fixture & LED lamp conform as per specification LM-79 & LM-80 respectively

**Technical Details**

Modal NO.	Rated Wattage	Nominal Voltage	CCT	CRI	PF	THD	Lumen O/P
ESLLEDST06060	60W	85V-285V	5500K-6500K	>80	>0.95	<10%	6000
ESLLEDST09060	90W	85V-285V	5500K-6500K	>80	>0.95	<10%	9000

**Dimintions**

Wattage	Length	Width	Height	Bracket OD (Φ) mm
LED 60	753.5mm	280mm	110mm	60
LED 90	878.5mm	360mm	120mm	76





## LED Street Light

LED 120 / 160

Ingress Protection : IP-65/66

### Applications :

- Road Lighting
- Colony lighting
- Shopping centre perimeter lighting
- Industrial Area
- A-1, A-2 Class Road Lighting



### Specifications :

**Housing :** High grade Aluminium pressure Die-Cast.

**Cover :** Toughened Glass.

**LED Make :** Osram / Cree / Nichia

**Lamp Efficacy :** >100 lumen/watt.

**Optics :** Different optics for different Beam pattern with high spread using high quality lenses & reflector, Beam angle more than 120°

**System management :** Multiple LEDs are used in series –parallel cluster

**Control Gear :** CCCV Control driver with efficiency >90%, current regulator for each cluster.

**Lamp life with L70 criterion :** > 50,000 operating hours

**Special Features :** Reverse EMI protection provided, Tilt angle adjustability up to 5°-40°, Heat sink temperature rise above ambient <15 °C.

Fixture & LED lamp conform as per specification LM-79 & LM-80 respectively

### Technical Details

Ordering Code	Rated Wattage	Nominal Voltage	CCT	CRI	PF	THD	Lumen O/P
ESLLEDST012060	120W	85V-285V	5500K-6500K	>80	>0.95	<10%	12000
ESLLEDST016060	160W	85V-285V	5500K-6500K	>80	>0.95	<10%	16000

### Dimensions

Wattage	Length	Width	Height	Bracket OD (Φ) mm
LED 120	878.5mm	360mm	120mm	76
LED 160	878.5mm	360mm	120mm	76



## LED Flood Light

LED 45 / 60

Ingress Protection : IP-65/66

### Applications :

- Facade Lighting
- Sign board lighting



### Specifications :

**Housing :** High grade Aluminium pressure Die-Cast.

**Cover :** Toughened Glass.

**Lamp Efficacy :** >100 lumen/watt.

**Optics :** Different optics for different Beam pattern with high spread using high quality lenses & reflector,

A. Oblong Pattern B. Circular pattern

Beam angle as per application

**System management :** Multiple LEDs are used in series –parallel cluster

**Control Gear :** CCCV Control driver with efficiency >90%, current regulator for each cluster.

**Lamp life with L70 criterion :** > 50,000 operating hours

**Special Features :** Reverse EMI protection provided, Tilt angle adjustability up to 180°, Heat sink temperature rise above ambient <15°C.

Fixture & LED lamp conform as per specification LM-79 & LM-80 respectively

### Technical Details

Ordering Code	Rated Wattage	Nominal voltage	CCT	CRI	PF	THD	Lumen O/P
ESLLEDFLDL045	45W	85V-285V	5500K-6500K	>80	>0.95	<10%	4500
ESLLEDFLDL060	60W	85V-285V	5500K-6500K	>80	>0.95	<10%	6000

### Dimensions

Wattage	Length	Width	Height
LED 45 / 60	329mm	90mm	405mm





# LED Flood Light

LED 90 / 160

Ingress Protection : IP-65/66



**Applications :**

- Facade Lighting
- Sign board lighting
- Security Areas
- Airport Aprons
- Sports Complexes

**Specifications :**

**Housing :** High grade Aluminium pressure Die-Cast.

**Cover :** Toughened Glass.

**Lamp Efficacy :** >100 lumen/watt.

**Optics :** Different optics for different Beam pattern with high spread using high quality lenses & reflector,

A. Oblong Pattern B. Circular pattern  
Beam angle as per application

**System management :** Multiple LEDs are used in series –parallel cluster

**Control Gear :** CCCV Control driver with efficiency >90%, current regulator for each cluster.

**Lamp life with L70 criterion :** > 50,000 operating hours

**Special Features :** Reverse EMI protection provided, Tilt angle adjustability up to 180°, Heat sink temperature rise above ambient <15°C.

Fixture conform as per specification LM-79 & LM-80

**Technical Details**

Ordering Code	Rated Wattage	Nominal voltage	CCT	CRI	PF	THD	Lumen O/P
ESLLEDFLDL090	90W	85V-285V	5500K-6500K	>80	>0.95	<10%	9000
ESLLEDFLDL0160	160W	85V-285V	5500K-6500K	>80	>0.95	<10%	16000

**Dimintions**

Wattage	Length	Width	Height
LED 90	408mm	108mm	454mm
LED 160	530mm	114.5mm	572mm



# Street Light

DD T5

Deep drawn Al/MS T-5 street light with acrylic cover IP-65, 2x14 & 2x24 W



**Applications :**

- Shopping malls
- General security
- Parks & Gardens
- Housing Societies
- Public circle areas

**Specifications :**

**Housing :** Single piece deep drawn Al sheet.

**Cover :** UV stabilized Acrylic cover with rubber gasket fitted with toggle.

**Finish :** Epoxy powder coating grey housing & powder coated white reflector.

**Optics :** Reflector made of high purity pre anodized.

**Lamp Holder :** White poly carbonate housing with brass contact & SS clips.

**Mounting :** Suitable for pole mounted with help of two screw, OD-50mm.

**Height :** 5-8 Meters

**Technical Details**

Ordering code	Lamp type	Nominal voltage	Current Amp	PF
HPLT5STAL214	2x14 W	240V	0.14	>0.9
HPLT5STAL224	2x24 W	240V	0.22	>0.9



## Street Light

### DD T5

Deep drawn Al/MS T-5 street light with acrylic cover IP-65, 4x14 & 4x24 W

#### Applications :

- Shopping malls
- General security
- Parks & Gardens
- Housing Societies
- Public circle areas



#### Specifications :

**Housing :** Single piece deep drawn Al sheet.

**Cover :** UV stabilized Acrylic cover with rubber gasket fitted with toggle.

**Finish :** Epoxy powder coating grey housing & powder coated white reflector.

**Optics :** Reflector made of high purity pre anodized.

**Lamp Holder :** White poly carbonate housing with brass contact & SS clips.

**Mounting :** Suitable for pole mounted with help of two screw, OD-50mm.

**Height :** 5-8 Meters

#### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	PF
HPLT5STAL414	4x14W	240V	0.28	>0.9
HPLT5STAL424	4x24W	240V	0.44	>0.9



## Street Light

### DD T5

Deep drawn AL/MS T5 Street Light with acrylic cover 1x28, 2x28 W IP - 64

#### Applications :

- Lanes by lane
- Residential colony
- Shopping malls
- General security
- Parks & gardens
- Housing societies
- Public circle area



#### Specifications :

**Housing :** Single piece deep drawn Al sheet.

**Cover :** UV stabilized Acrylic cover with rubber gasket fitted with toggle.

**Finish :** Epoxy powder coating grey housing & powder coated white reflector.

**Optics :** Reflector made of high purity pre anodized.

**Lamp Holder :** White poly carbonate housing with brass contact & SS clips.

**Electric Gear :** Pre-wired Electronic ballast suitable for 1x28,2x28 W.

**Mounting :** Suitable for pole mounted with help of two screw, OD-35mm.

**Height :** 5-8 Meters

#### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	PF
HPLT5STALS128	1x28 W	240V	0.14	>0.95
HPLT5STALS228	2x28 W	240V	0.27	>0.95





# Street Light

## PC T5

T-5 Extrusion body  
1x28, 2x28 W IP - 65

### Applications :

- Lanes by lane
- Residential colony
- Shopping malls
- General security
- Parks & gardens
- Housing societies
- Public circle area



### Specifications :

**Housing :** Extruded body made of polycarbonate

**Cover :** Highly transparent polycarbonate cover.

**Finish :** Epoxy powder coating grey housing & powder coated white reflector.

**Optics :** Reflector made of high purity pre anodized Al sheet.

**Lamp Holder :** White poly carbonate housing with brass contact & SS clips

**Electric Gear :** Pre- wired Electronic ballast suitable for 1x28,2x28 W.

**Mounting :** Suitable for side entry mounting with help of two screw OD 20-30mm,wired with open construction HPF electronic ballast.

**Height :** 5-8 Meters

### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	PF
HPLT5STPCS128	1x28 W	240V	0.14	>0.95
HPLT5STPCS228	2x28 W	240V	0.27	>0.95



# Street Light

## PC 2x11W

### Applications :

- Lanes by lane
- Residential colony
- Shopping malls
- General security
- Parks & gardens
- Housing societies
- Public circle area



### Specifications :

**Housing :** Plastic injection moulding,weather proof

**Cover :** Poly carbonate

**Finish :** Epoxy powder coating grey housing & powder coated white reflector

**Optics :** Reflector made of high purity pre anodized

**Lamp Holder :** White poly carbonate housing with brass contact & SS clips

**Mounting :** Suitable for pole mounted with help of two screw OD 50mm,wired with HF electronic ballast Protection IP-65

**Height :** 5-6 meter

**Operation :** Manual On/off and automatic dusk to dawn operation using photo switch

### Technical Details

Ordering code	Wattage	Nominal voltage	Current Amp	PF
HPLCFLST211WC	2x11 W	240v	0.1	>0.95





# Street Light

PC 2x36W CFL Based

### Applications :

- Lanes by lane
- Residential colony
- Shopping malls
- General security
- Parks & gardens
- Housing societies
- Public circle area



### Specifications :

**Housing :** Plastic injection moulding, weather proof

**Cover :** Poly carbonate

**Finish :** Epoxy powder coating grey housing & powder coated white reflector

**Optics :** Reflector made of high purity pre anodized

**Lamp Holder :** White poly carbonate housing with brass contact & SS clips

**Mounting :** Suitable for pole mounted with help of two screw OD 50mm, wired with HF electronic ballast Protection IP-65

**Height :** 6-9 meter

**Operation :** Manual On/off and automatic dusk to dawn operation using photo switch

### Technical Details

Ordering code	Wattage	Nominal voltage	Current Amp	PF
HPLCFLST236WC	2x36 W	240v	0.32	>0.95



# Street Light

Deep drawn, Al NR 1x36, 2x36, 3x36 street light for FPL lamp

### Applications :

- Lanes by lane
- Residential colony
- Shopping malls
- General security
- Parks & gardens
- Housing societies
- Public circle area



### Specifications :

**Housing :** Single sheet deep drawn Al sheet.

**Cover :** UV stabilized Acrylic cover with rubber gasket fitted with toggle.

**Finish :** Epoxy powder coating grey housing & powder coated white reflector.

**Optics :** Reflector made of high purity pre anodized.

**Lamp Holder :** White poly carbonate housing with brass contact & SS clips.

**Mounting :** Suitable for pole mounted with help of two screw OD 50mm, wired with HF electronic ballast Protection IP-54/65.

**Height :** 6-9 meters

### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	PF
HPLNRST136	1x36W	240V	0.16	>0.90
HPLNRST236	2x36W	240V	0.32	>0.90
HPLNRST336	3x36W	240V	0.48	>0.90







## Street Light

Deep drawn Al / MS CFL  
retrofit 35W/45W/65W/85W



**Applications :**  
Lanes by lane  
Residential colony  
Shopping malls  
General security  
Parks & gardens  
Housing societies  
Public circle area

### Specifications :

**Housing :** Powder coated CRCA/AL sheet housing

**Cover :** UV stabilized Acrylic cover with rubber gasket fitted with toggle.

**Finish :** Epoxy powder coating grey housing & powder coated white reflector.

**Optics :** Reflector made of high purity pre anodized .

**Lamp Holder :** White poly carbonate housing with brass contact & SS clips.

**Mounting :** Suitable for pole mounted with help of two screw OD 40-50mm.

**Height :** 6-9 meters

### Technical Details

Lamp Type	Wattage	Nominal voltage	Current Amp	PF
HPLCFLSTAL35W	35W	240V	0.40	
HPLCFLSTAL45W	45W	240V	0.40	
HPLCFLSTAL65W	65W	240V	0.40	
HPLCFLSTAL85W	85W	240V	0.40	



## Street Light

Deep drawn Al 1x36  
w/2x36w T8 fitting  
street light fitting

**Applications :**  
Lanes by lane  
Residential colony  
Shopping malls  
General security  
Parks & gardens  
Housing societies  
Public circle area



### Specifications :

**Housing :** Single piece deep drawn Al sheet.

**Cover :** UV stabilized Acrylic cover with rubber gasket fitted with toggle.

**Finish :** Epoxy powder coating grey housing & powder coated white reflector.

**Optics :** Reflector made of high purity pre anodized Al.Sheet.

**Lamp Holder :** White poly carbonate housing with brass contact & SS clips.

**Electric Gear :** Pre-wired with open construction copper wound ferromagnetic ballast

**Mounting :** Suitable for pole mounted with help of two screw, OD-35mm.

**Height :** 5-9 meters

### Technical Details

Ordering code	Lamp Type	Nominal voltage	Current Amp	PF	Capacitor value
HPLT8STAL140	1x36/40W FTL	240V	0.21	>0.90	4 mfd
HPLT8STAL240	2x36/40W FTL	240V	0.42	>0.90	8 mfd





## Street Light

### DDTG 70/150/250W

Single piece deep drawn Al. with side reflector suitable for HPSV/MHT with toughened Glass

#### Applications :

City by-lanes  
Internal City Roads  
Housing Societies



#### Specifications :

**Housing :** Housing made up of single piece deep drawn aluminium sheet.

**Cover :** Toughened Glass.

**Finish :** Hammer tone finish outside body and white paint inside.

**Optics :** Side reflector made out of High purity pre anodized aluminium sheet.

**Lamp Holder :** Ceramics and electrical grade copper contacts

**Electric Gear :** Pre wired with Improved power factor and impulse ignitor for reliable ignition up to terminal block copper wounded ballast supplied separately

**Mounting :** Suitable for arm OD-50mm dia max with two bolts

**Height :** 70W(6-7meter), 150W (7-9 meter) & 250W (9-11meter)

#### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	Lamp Socket	PF	Capacitor value	IP Protection
HPLMHSTTG70E27	70W SV/MH-T	240V	0.40	E-27	>0.85	10mfd	IP-65
HPLMHSTTG150E40	150W SV/MH-T	240V	0.80	E-40	>0.85	20mfd	IP-65
HPLMHSTTG250E40	250W SV/MH-T	240V	1.30	E-40	>0.85	33mfd	IP-65



## Street Light

### DDAC 70/150/250W

Single piece Deep drawn Al. With side reflector suitable for HPSV with acrylic sheet

#### Applications :

City by-lanes  
Internal City Roads  
Housing Societies



#### Specifications :

**Housing :** Housing made up of single piece deep drawn aluminium sheet.

**Cover :** Thermoformed methacrylate UV stabilized Acrylic sheet.

**Finish :** Hammertone finish outside body and white paint inside.

**Optics :** Side reflector made out of High purity pre anodised aluminium sheet.

**Lamp Holder :** Ceramics and electrical grade copper contacts.

**Electric Gear :** Pre wired with Improved power factor and impulse ignitor for reliable ignition up to terminal block Copper wounded ballast supplied separately.

**Mounting :** Suitable for arm OD-50mm dia max with two bolts.

**Height :** 70W(6-7meter), 150W (7-9 meter) & 250W (9-11meter)

#### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	Lamp Socket	PF	Capacitor value	IP Protection
HPLMHSTAC70E27	70W HPSV	240V	0.40	E-27	>0.85	10mfd	IP-54
HPLMHSTAC150E40	150W HPSV	240V	0.80	E-40	>0.85	20mfd	IP-54
HPLMHSTAC250E40	250W HPSV	240V	1.30	E-40	>0.85	33mfd	IP-54







## Street Light

### DCTG 70/150/250/400W

Single piece dia-cast Al. with side reflector suitable for HPSV/MHL-T

#### Applications :

- Driven Roads
- Land scape lighting
- Public circulation area
- Industrial Area
- City main Road
- B-1 Classification road

#### Specifications :

**Housing :** Single piece dia cast Al LM-8.

**Cover :** Heat resistance toughened glass fixed to housing by toggle.

**Finish :** Epoxy power coated grey.

**Optics :** "Pot optics Al reflector with high purity chip, electro chemically brighting anodized".

**Lamp Holder :** Ceramics and electrical grade contacts.

**Electric Gear :** Pre-wired with improved PF capacitor impulse ignitor up to terminal block copper wounded ballast supplied separately.

**Mounting :** Suitable for arm OD-60mm dia max with two bolts.

**Height :** 70W (5-7 meters), 150W (8-9 meters), 250W (10-12 meters) & 400W (12-14meters).

#### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	Lamp Socket	PF	Capacitor value	IP Protection
HPLMHSTDC70E27	70W SV/MH-T	240V	0.40	E-27	>0.85	10mfd	IP-65
HPLMHSTDC150E40	150W SV/MH-T	240V	0.80	E-40	>0.85	20mfd	IP-65
HPLMHSTDC250E40	250W SV/MH-T	240V	1.30	E-40	>0.85	33mfd	IP-65
HPLMHSTDC400E40	400W SV/MH-T	240V	2.20	E-40	>0.85	42mfd	IP-65



## Street Light

### PDCTG 70/150/250/400W

Pressure Dia cast Al sheet Suitable for 70/150/250 W/400W HPSV/MHL-T

#### Applications :

- Driven Roads
- Land scape lighting
- Public circulation area
- Industrial Area
- City main Road
- B-1 Classification road
- Airport Approach road
- "A-1, A-2 Classification Road"
- Shopping Centers

#### Specifications :

**Housing :** Pressure dia cast Al LM-24 with heavy duty hinged cover for safe & easy maintenance.

**Cover :** Heat & thermal shock resistance & tempered shallow glass.

**Finish :** Powder coated grey.

**Optics :** High purity EDD grade.

**Lamp Holder :** Ceramic & electrical grade contacts.

**Electric Gear :** Pre-wired with improved PF capacitor impulse ignitor up to terminal block copper wounded Glass supplied separately.

**Mounting :** Suitable for arm OD-60mm dia max with two bolt.

**Height :** 70W (5-7 meters), 150W (8-9 meters), 250W (10-12 meters) & 400W (12-14meters).

#### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	Lamp Socket	PF	Capacitor value	IP Protection
HPLMHSTPDC70E27	70W SV/MH-T	240V	0.40	E-27	>0.85	10mfd	IP-65/66
HPLMHSTPDC150E40	150W SV/MH-T	240V	0.80	E-40	>0.85	20mfd	IP-65/66
HPLMHSTPDC250E40	250W SV/MH-T	240V	1.30	E-40	>0.85	33mfd	IP-65/66
HPLMHSTPDC400E40	400W SV/MH-T	240V	2.20	E-40	>0.85	42mfd	IP-65/66







## Flood Light

Suitable for 500W / 1000W  
Tungsten Halogen Double ended lamp

### Applications :

- Sign Board
- Emergency Areas
- Pedestrian crossing
- Construction sites
- Banquet Halls



### Specifications :

**Housing :** Pressure die cast Al LM-24 with heavy duty hinged cover for safe & easy maintenance.

**Cover :** Tempered protective toughened glass 5mm thick thermal shock & impact resistant.

**Finish :** Epoxy black powder coated.

**Optics :** Reflector made of high purity pre anodized dimpled Al sheet.

**Lamp Holder :** In ceramic with silver plated contacts.

**Mounting :** Wall/Surface mounting using bracket.

### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	Lamp Socket	PF	IP Protection
HPLHLFL500W	500W	240V	2.08	Rx7s	1.0	IP-55
HPLHLFL1000W	1000W	240V	4.16	Rx7s	1.0	IP-55

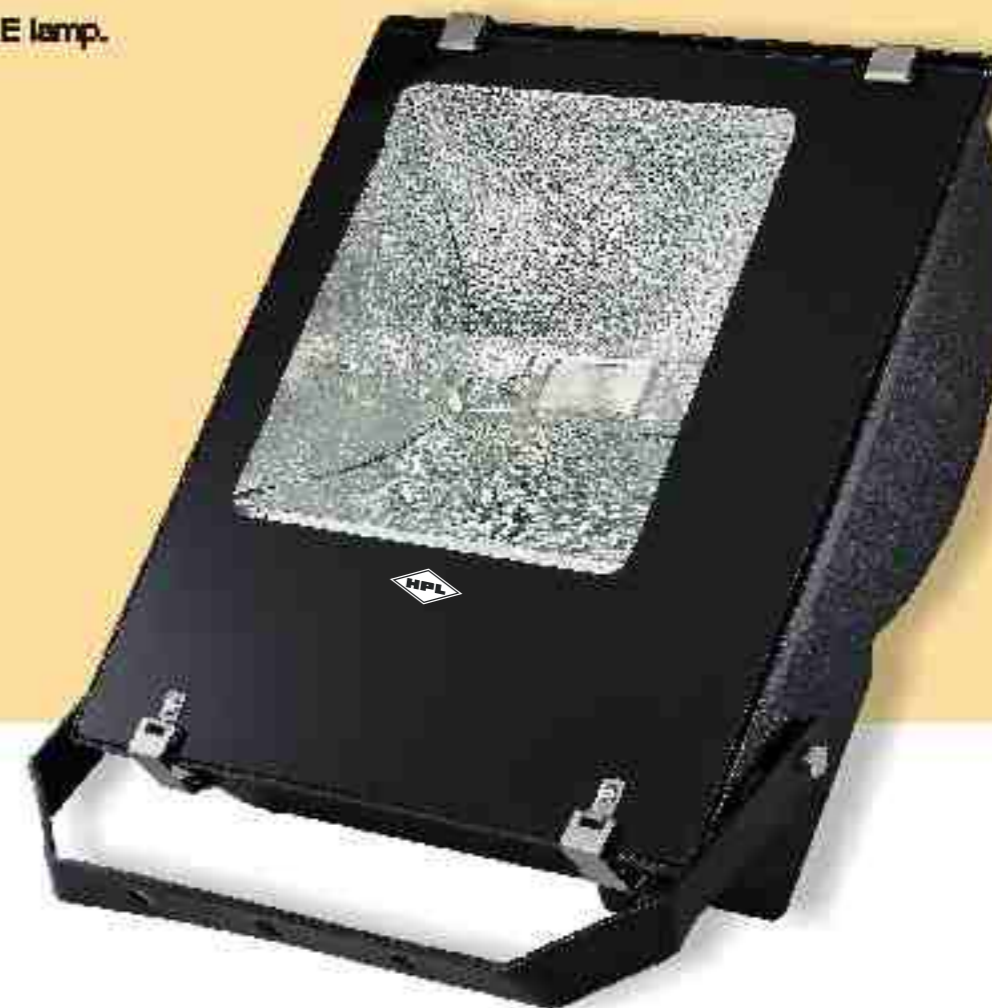


## Flood Light

Suitable for 70/150W MHDE lamp.

### Applications :

- Shop boards
- House functions
- Garden & parks
- Construction site
- Industrial Area
- Banquet Halls



### Specifications :

**Housing :** Pressure die cast Al LM-24 with heavy duty hinged cover for safe & easy maintenance.

**Cover :** Tempered protective toughened glass 5mm thick thermal shock & impact resistance.

**Finish :** Epoxy black powder coated.

**Optics :** Symmetrical reflector made of high purity pre anodized dimpled Al sheet.

**Lamp Holder :** In ceramic with silver plated contacts.

**Mounting :** Surface mounting using built in MS powder coated bracket.

### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	Lamp Socket	PF	IP Protection
HPLFL70DE	1x70W MHDE	240V	0.40	Rx7s	>0.85	IP-65
HPLFL150DE	1x150W MHDE	240V	0.82	Rx7s	>0.85	IP-65







## Flood Light

Suitable for 250 / 400W  
SV/MHL-T Single ended  
Tubular lamp

### Applications :

- Sign Board
- Emergency Areas
- Pedestrian crossing
- Construction sites
- Banquet Halls



### Specifications :

**Housing :** Pressure die cast Al LM-24 with dual compartment for better heat dissipation

**Cover :** Tempered protective toughened glass 5mm thick thermal shock & impact resistance.

**Finish :** Epoxy black powder coated.

**Optics :** Reflector made of high purity pre anodized dimpled Al sheet.

**Lamp Holder :** In ceramic with silver plated contacts. E-40

**Electric Gear :** Prewired with power factor improvement capacitor, copper wound ferromagnetic ballast

**Mounting :** Wall/Surface mounting using bracket.

### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	Lamp Socket	PF	Capacitor Value	IP Protection
HPLFL250WE40	250W SV/MH-T	240V	1.30	E40	>0.85	33mfd	IP-65
HPLFL400WE40	400W SV/MH-T	240V	2.20	E40	>0.85	42mfd	IP-65



## Ballast

### Industrial Ballast

HID-Open for 70W/  
150W/250W/400W  
HPSV/MH



### Specifications :

Compact in size

Designed for 240V AC supply & 50 Hz

Low Watt loss, long life

Better heat dissipation

Vacuum impregnated open construction

Max winding temperature tw-120°C, Temprise t-70°C

Conforms to IS:6616-1982, IEC922 & IEC 923

### Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	PF	Capacitor value	Watt Loss
HPLMHB70W	70W SV/MH	240V	0.98	>0.37	10mfd	17
HPLMHB150W	150W SV/MH	240V	1.80	>0.4	20mfd	22
HPLMHB250W	250W SV/MH	240V	3.00	>0.4	33mfd	28
HPLMHB400W	400W SV/MH	240V	4.45	>0.42	42mfd	40



# CGU

Composite Gear Unit  
70/150W



## Specifications :

- Compact size Copper wound gear integrated with short distance/long distance ignitor & PF improvement capacitor.
- Electrical grade steel & double insulated grade enamel wire.
- Built in Capacitor.
- Designed for indoor / Shielded outdoor environment.

## Technical Details

Ordering code	Lamp type	Nominal voltage	Current Amp	PF	Capacitor value
HPLCGU70W	70W SV/MH	240V			10mfd
HPLCGU150W	150W SV/MH	240V			20mfd

\*for indore use only. Distance limit between CGU & lamp - 5 mtr for short distance.



## Branch offices :

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Amravati	Bilaspur	Jabli	Ludhiana	Patiala	Sholapur	Vellore
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