BRANCH OFFICES

NORTH REGION
Chandigarh Tel.: 0172-5103322
Delhi Tel.: 011-66416100
Jaipur Tel.: 0141-2366240
Lucknow Tel.: 0522-4938900-30
Noida Tel.: 0120-4040400

EAST REGION
Bhubaneswar Tel.: 0674-2350607, 2359680, 2394052
Guwahati Tel.: 0361-2346497, 2346499
Kolkata Tel.: 033-23233688
Patna Tel.: 0610-2222555

CENTRAL REGION
Indore Tel.: 0731-4271440/4271439
Rajpur Tel.: 0731-2357376
Nagpur Tel.: 0722-281206

WEST REGION
Ahmedabad Tel.: 079-27543964, 27543967
Mumbai Tel.: 0222-2204881
Pune Tel.: 020-26302000/26302001

SOUTH REGION
Bangalore Tel.: 080-46390000
Chennai Tel.: 044-50662000
Coimbatore Tel.: 0484-2391119, 2392039
Hyderabad Tel.: 040-23442932, 23442933

LUMINAIRES BUSINESS UNIT,
601, Rustomjee Aspiree, Bhanu Shankar Yagnik Marg,
Off Eastern Express Highway, Sion (E), Mumbai 400 022.
Tel.: 022-22043841
E-mail: luminaires@bajajelectricals.com
www.bajajelectricals.com

Bajaj Electricals Ltd.
Inspiring Trust

AREA LIGHTING
MAKING THE SKY DAZZLE WITH EXCELLENCE!

Welcome to a journey. A journey that follows our pathbreaking road in creating the most extraordinary area lighting products.

Across innumerable miles, our incredible area lighting solutions help the world dazzle with grace. Every mile of our journey bears our touch.
At Bajaj Electricals, we have created flood lights that cover the maximum expanse and provide adequate illumination for perfect moments. Unlike spotlights that merely provide focused illumination, these provide the ultimate lighting experience, flooding the area of your choice with light.

Choose Bajaj LED Flood Lighting for your needs and requirements, and avail a world of advantages:

- **10 TIMES MORE LIFE THAN STANDARD BULBS**
- **60% HIGHER ENERGY SAVINGS**
- **REDUCTION OF HAZARDOUS ECO-WASTE WITH FEWER BULB REPLACEMENTS**
MUCH LOWER HEAT EMISSION
LOW COST REPLACEMENT & MAINTENANCE
REDUCED RISK OF ELECTRIC ACCIDENTS OR FIRE
RECREATES DAYLIGHT FOR OPTIMUM PRODUCTIVITY
IMMUNE TO WEATHER AND TEMPERATURE CHANGES
MERCURY LEAD AND CARBON FREE
Equipped with a number of salient features, AMAZE LED Floodlights are perfect for all weather conditions and multi-purpose usage. An ultra-sleek look and innovative design ensure that our product is tailor-made to suit all your lighting needs.

**AMAZE LED FLOODLIGHT**

**Blend of looks and technology**

**Features**
- Aerodynamic design and ultra-sleek
- Low weight
- High efficiency
- Family of 80W to 200W
- Extreme short ROI by energy cost saving only
- Very bright light
- Wide ambient temperature range

**Specification**
- System wattages: 80/100/120/150/180/200W
- Luminaire efficacy: >110 Lm/W
- CCT: 5700-3100K
- CRI: >70
- Lm: 15000-18000 (1LM70)

**Application**
- Highmasts
- Container berths, docks, ports
- Airport aprons, flyovers & bridges
- Railway marshalling yards
- Security lighting, sport lighting
- Shopping malls, building facade

**Design Innovation**

**Effective Protection**
Innovative G-buckle technology, prevents glass from coming off, free of screws, elegant appearance, easy for assembling

**Line Diagram**

(A all dimensions in mm)
Be it at airports, ports or railway sheds, TURBO is one of our most popular products. What truly makes it stand out is the fact that it comes equipped with maximum efficacy. Pick up the model that best suits your needs, from 80-350W.

An adventure in efficacy

**CONSTRUCTION**

Thermal conductivity in extrusion is much better than in castings. Aluminium extrusions can be 53% more efficient than castings because they contain a higher level of thermal conductivity. The adhesive conductibility of the types of castings is typically within the 120-140 W/mK range, while the conductivity of aluminium extrusions is typically within a much higher 200-215 W/mK range.

- Body made of pressure die-cast aluminium housing
- Heat sink made of aluminium extrusion for better heat dissipation
- Separate driver compartment and external fins provide optimal thermal management that results in longer fixture and LED life.

**FEATURES**

- High efficiency
- Optimized uniformly
- Lens without holder
- Operating temperature: -40°C to +70°C
- Average transmittance in visible
- Spectrum: 400nm to 700nm >90%

**SPECIFICATION**

- System wattages: 80 to 350W
- Luminaire efficacy: >100 Lm/W
- CCT: 5700±300K
- CR: >70
- IP: 66
- Surge protection: 5kV internal and 10kV external
- THD: <10%
- PF: >0.95

**APPLICATION**

- Highmasts
- Container berths, docks, ports
- Airport aprons, flyovers & bridges
- Railway marshalling yards
- Security lighting

**LINE DIAGRAM**

- All dimensions in mm

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In Bajaj Floodlight LED fixtures, we use both primary and secondary optics. The primary optic usually takes the form of a small dome on top, designed to maximize the useful light output and provide the basic beam shape. Secondary optics are then used to shape the light, making the beam narrower and improving color uniformity and light distribution.
FORCE LED floodlight is a reliable LED solution which provides extraordinary flexibility to create impactful, bright lighting effects that can illuminate a wide area. Its smart design makes it capable of handling extreme weather conditions and enhances ease of installation.

FORCE has high quality optics with the help of secondary lenses for uniform light distribution. It offers enhanced protection with additional 10kV external surge protection with IP66.

**FEATURES**
- Epoxy grey powder coated pressure die-cast aluminium housing
- Epoxy cream powder coated pressure die-cast aluminium frame with heat resistant toughened clear glass fixed with SS screw
- The driver used is specially designed to have surge voltage, open/short circuit protections
- Luminaire is provided with a mounting bracket fixed on die-cast aluminium end plates for aiming adjustment

**SPECIFICATION**
- System wattages: 80/100/120/150W
- Luminaire efficacy: >100 Lm/W (+5%)
- CCT: 5700/300K
- CRI: >70
- IP: 66
- Life: 50000 hrs. @ L70
- THD: <10%

**APPLICATION**
- Lighting of small to medium size bill boards
- Parking areas around the residences, building complexes and colonies
- Security lighting
- General area lighting
- Lighting of monuments

**KEY BENEFIT**
- External surge protection 10kV provided for additional safety, apart from 5kV internal
- High Efficiency with system efficacy of more than 95 Lm/W
- Secondary lenses for uniform lighting distribution

**LINE DIAGRAM**

```
BFL 80/100/120/150W LED

Features
- Epoxy grey powder coated pressure die-cast aluminium housing
- Epoxy cream powder coated pressure die-cast aluminium frame with heat resistant toughened clear glass fixed with SS screw
- The driver used is specially designed to have surge voltage, open/short circuit protections
- Luminaire is provided with a mounting bracket fixed on die-cast aluminium end plates for aiming adjustment

Specifications
- System wattages: 80/100/120/150W
- Luminaire efficacy: >100 Lm/W (+5%)
- CCT: 5700/300K
- CRI: >70
- IP: 66
- Life: 50000 hrs. @ L70
- THD: <10%

Benefits
- External surge protection 10kV provided for additional safety, apart from 5kV internal
- High Efficiency with system efficacy of more than 95 Lm/W
- Secondary lenses for uniform lighting distribution
```
Presenting MAGNUM LED floodlight, an ultra-modern, heat resistant and energy efficient area lighting solution that’s taking the country by storm. With alluring looks, perfect heat dissipation and other advanced features, you can avant the best of every world. Ideal for billboards, monuments and general area lighting applications.

**MAGNUM LED FLOODLIGHT**

**Embrace innovation**

**KEY BENEFIT**
- Energy savings possibilities up to 70% compared to conventional Halogen flood
- Housing of high pressure die-cast aluminum designed to act as heat sink for efficient heat dissipation and painted in attractive black colour with textured finish
- Electrochemically brightened and anodized aluminum reflector
- Luminaries with mounting bracket with aiming adjustment
- Heat resistant toughened glass ‘lighting window’
- Replacement for halogen lamps luminaires up to 1000W

**APPLICATION**
- Lighting of small to medium sized billboards
- Parking areas around building / residential complexes
- Security lighting
- General area lighting
- Lighting of monuments

**FEATURES**
- Efficient heat sink design integrated in high-pressure die-cast aluminum housing; IP65 protection
- Heat resistant toughened glass
- LED, as per LM80
- Conformance to IEC 61344, IEC 62384, IEC 61547-2-14, IEC 60065-3-2
- Luminaire efficacy >190 Lm/W (10%)
- CCT: 4500-5000K
- CRI: >70
- IP: 65
- THD: <15%

**SPECIFICATION**
- System wattages: 30/60/80/100W
- Luminaire efficacy: >90 Lm/W (+10%)
- CCT: 4500-5000K
- CRI: >70
- IP: 65
- THD: <15%

**CONFORMANCE**
- Conformance to IEC 62384, IEC 61347-2-13, IEC 61000-3-2

**APPLICATION**
- Lighting of small to medium sized billboards
- Parking areas around building / residential complexes
- Security lighting
- General area lighting
- Lighting of monuments

**LINE DIAGRAM**

**BLEND OF LOOKS & TECHNOLOGY**
## TECHNICAL SPECIFICATIONS

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Tata - Aldesa (JV), Jammu

Airports Authority of India, Kolkata

Nagar Nigam, Lucknow

Public Works Department, Delhi