



PRECISION LIGHTING FOR PRISTINE MOMENTS!

AREA LIGHTING

### BRANCH OFFICES

#### NORTH REGION

Chandigarh	Tel.: 0172-5103322
Delhi	Tel.: 011-66416100
Jaipur	Tel.: 0141-2388240
Lucknow	Tel.: 0522-4938900-30
Noida	Tel.: 0120-4040400

#### EAST REGION

Bhubaneswar	Tel.: 0674-2390697, 2396980, 2394052
Guwahati	Tel.: 0361-2346497, 2346498, 2346499
Kolkata	Tel.: 033-22622686
Patna	Tel.: 0612-2220155

#### CENTRAL REGION

Indore	Tel.: 0731-4271440/4271439
Raipur	Tel.: 0771-2263976
Nagpur	Tel.: 0712-2811206

#### WEST REGION

Ahmedabad	Tel.: 079-27543964, 27543967
Mumbai	Tel.: 022-22043841
Pune	Tel.: 020-26302000/26302001

#### SOUTH REGION

Bengaluru	Tel.: 080-46339000
Chennai	Tel.: 044-30662200
Cochin	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.: 022-24064400

E-mail: [luminaires@bajajelectricals.com](mailto:luminaires@bajajelectricals.com)

[www.bajajelectricals.com](http://www.bajajelectricals.com)

[f/BajajElecBiz](#) [/BajajElecBiz](#) [/bajajelecBiz](#)

**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.





# IGNITING THE GRANDEST STAGES

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:



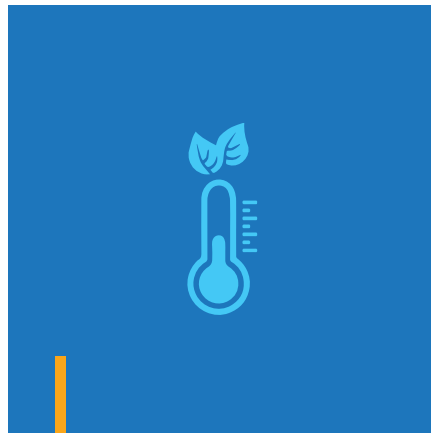
**10 TIMES MORE LIFE**  
THAN STANDARD BULBS



**60% HIGHER ENERGY SAVINGS**



**REDUCTION OF HAZARDOUS ECO-WASTE**  
WITH FEWER BULB REPLACEMENTS



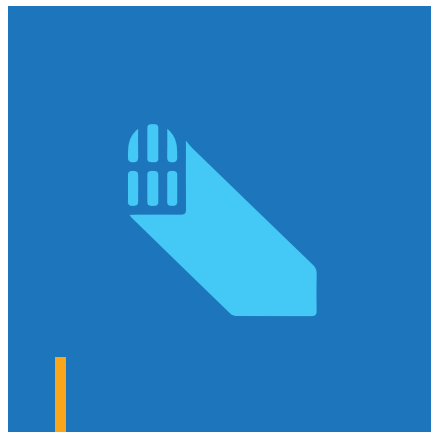
**MUCH LOWER**  
HEAT  
EMISSION



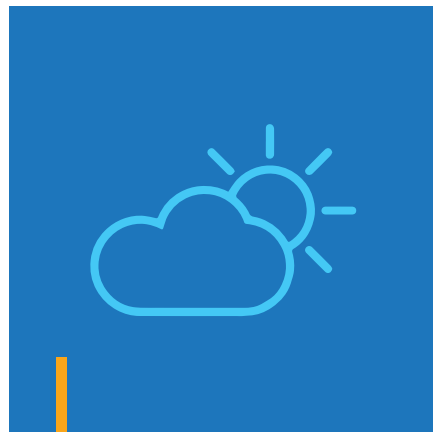
**LOW COST**  
REPLACEMENT  
& MAINTENANCE



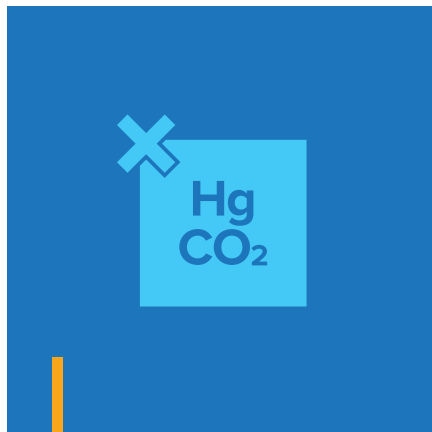
**REDUCED RISK**  
OF ELECTRIC  
ACCIDENTS  
OR FIRE



**RECREATES DAYLIGHT**  
FOR OPTIMUM  
PRODUCTIVITY



**IMMUNE TO WEATHER**  
AND TEMPERATURE  
CHANGES



**MERCURY LEAD**  
AND CARBON  
FREE



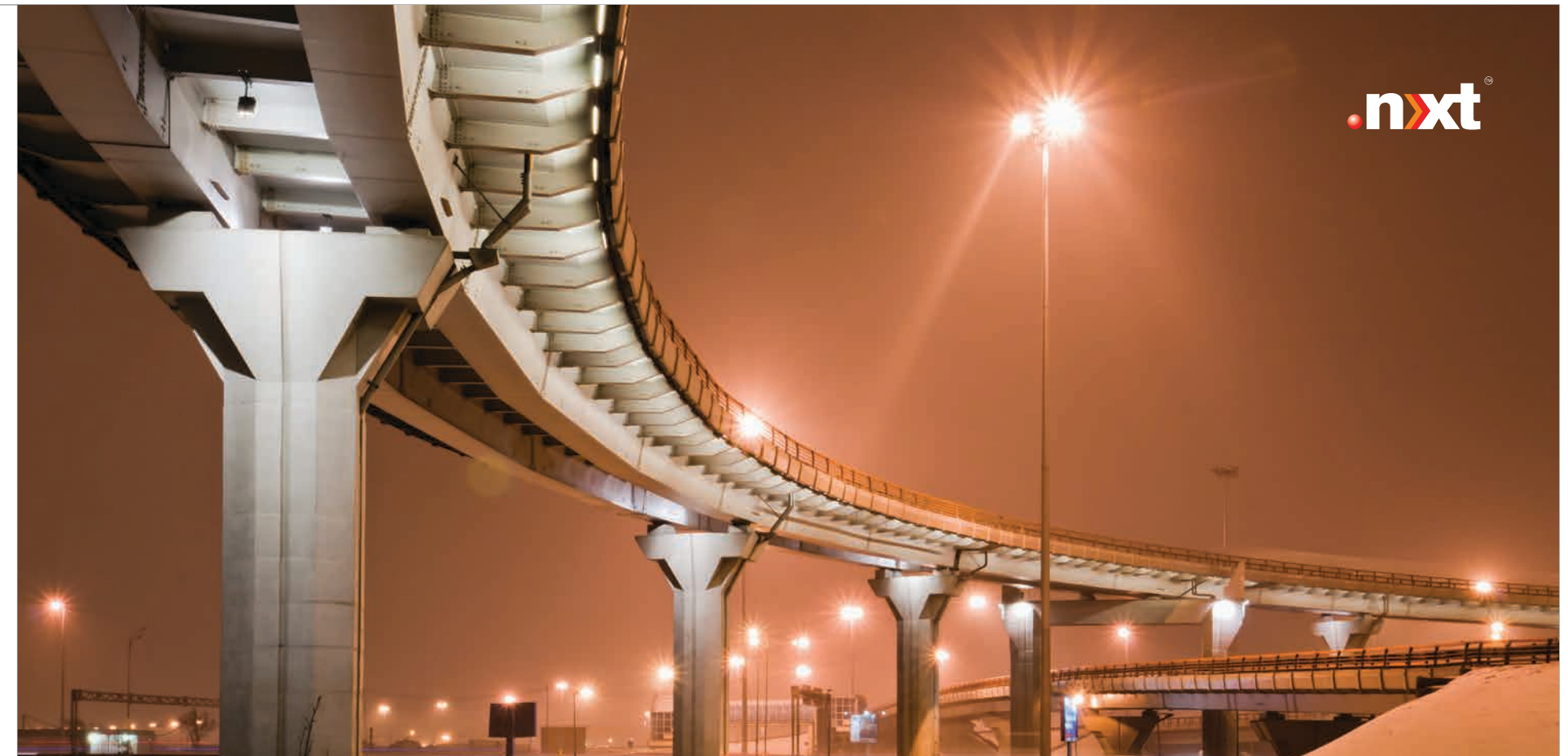
# AMAZE

LED FLOODLIGHT

Blend of looks and technology



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.



### 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

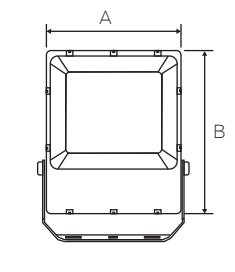
### SPECIFICATION

- System wattages: 80/100/120/150/180/200W
- Luminaire efficacy: >110 Lm/W
- CCT: 5700+300K
- CRI: >70
- Life: 50000 Htrs. @ LM70

### APPLICATION

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

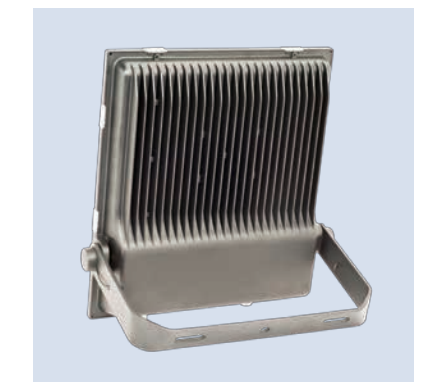
### LINE DIAGRAM



	A	B	C
BJFL 80W LED I	245	300	60
BJFL 100W LED I	300	365	60
BJFL 120W LED I	300	365	60
BJFL 150W LED I	330	365	60
BJFL 180W LED I	360	400	60
BJFL 200W LED I	360	400	60

(All dimensions in mm)

**ULTRA SLEEK**  
STYLISH & AESTHETIC



### DESIGN INNOVATION

#### EFFECTIVE PROTECTION

Innovative G-buckle technology, prevents glass from coming off, free of screw fixing, elegant appearance, easy for assembling

# TURBO

LED FLOODLIGHT

An adventure in efficacy



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.

## 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 collective conductivity 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 uniformity
- Lens without holder
- Operating temperature: -40°C to + 70°C
- Average transmittance in visible
- Spectrum 400nm to 700nm >90%

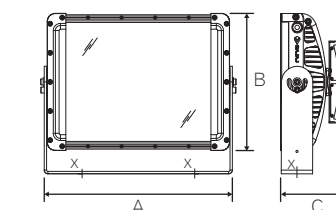
## SPECIFICATION

- System wattages: 80 to 360W
- Luminaire efficacy: +100 Lm/W
- CCT: 5700+300K
- CRI: >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



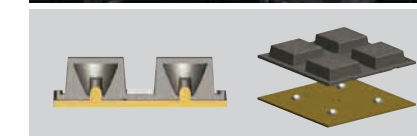
x= 2 Nos., Ø14 Hole For Mounting

	A	B	C
BARFEG 80W LED	275	306	160
BARFEG 100W LED	375	306	161
BARFEG 160W LED	425	306	161
BARFEG 180W LED	475	306	161
BARFEG 200W LED	475	306	161

(All dimensions in mm)



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.

**SLEEK**  
STYLISH & AESTHETIC



# FORCE

LED FLOODLIGHT

Efficiency simplified



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 ( $\pm 5\%$ )
- CCT: 5700 $\pm$ 300K
- CRI: >70
- IP: 66
- Life: 50000 Hrs. @ L70
- THD:  $\leq 10\%$

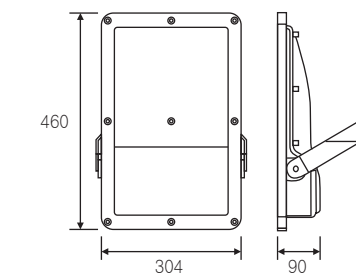
#### APPLICATION

- 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



BJFL 80/100/120/150W LED

(All dimensions in mm)

#### BRIGHTENING THE WIDEST AREA



# MAGNUM

LED FLOODLIGHT

Embrace innovation



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 avail the best of every world. Ideal for billboards, monuments and general area lighting applications.



#### FEATURES

- Efficient heat sink design integrated in high pressure die cast aluminium housing IP65 protection
- Heat resistant toughened glass
- LED as per LM80
- Conformance to IEC 62384, IEC 61347-2-13, IEC 61000-3-2

#### SPECIFICATION

- System wattages: 30/60/80/100W
- Luminaire efficacy: >90 Lm/W (±10%)
- CCT: 6500±300K
- CRI: >70
- IP: 65
- THD: ≤15%

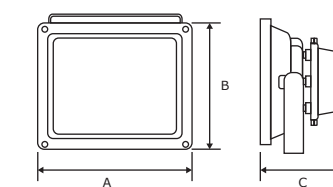
#### APPLICATION

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

#### KEY BENEFIT

- Energy savings possibilities upto 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
- Luminaires with mounting bracket with aiming adjustment
- Heat resistant toughened glass 'lighting window'
- Replacement for halogen lamps luminaires upto 1000W

#### LINE DIAGRAM



	A	B	C
BJFL 30W LED	224	184	126
BJFL 60W LED	284	232	145
BJFL 80W LED S	335	235	163
BJFL 100W LED S	385	283	175





(All dimensions in mm)

#### BLEND OF LOOKS & TECHNOLOGY





# TECHNICAL SPECIFICATIONS

Product	Product Name	Product Code	Catalogue Reference	System Wattage	LED Technology	Beam Angle	CRI	CCT (°K)	Diffuser Type	Power Factor	THD	Driver Efficiency	IP	IK	Surge Protection (Internal/External)	AC Input Voltage	LED Driving Current (mA)	Efficacy (Lm/W)
	<b>AMAZE</b>	169935	BJFL 80W LED I	80	Discrete	54	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	140V-275V	1.3-2.3A	>110 Lm/W
		169936	BJFL 100W LED I	100	Discrete	50	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	140V-275V	1.3-2.4A	>110 Lm/W
		On Request	BJFL 120W LED I	120	Discrete	58	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	140V-275V	1.3-2.5A	>110 Lm/W
		169930	BJFL 150W LED I	150	Discrete	50	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	140V-275V	438	>110 Lm/W
		169928	BJFL 180W LED I	180	Discrete	50	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	140V-300V	880	>110 Lm/W
		169929	BJFL 200W LED I	200	Discrete	50	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	140V-300V	920	>110 Lm/W
	<b>TURBO</b>	169640	BARFEG 80W	80	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	340	>110 Lm/W
		169657	BARFEG 100W	100	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	440	>110 Lm/W
		169641	BARFEG 120W	120	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	526	>110 Lm/W
		169692	BARFEG 135W	135	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	585	>110 Lm/W
		169642	BARFEG 160W	160	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	780	>110 Lm/W
		169832	BARFEG 180W	180	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	800	>100 Lm/W
		169783	BARFEG 200W	200	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	900	>110 Lm/W
		169819	BARFEG 240W	240	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	1.05A	>110 Lm/W
		169908	BARFEG 300W	300	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	1.31A	>110 Lm/W
		169839	BARFEG 350W	350	Discrete	25	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	1.53A	>110 Lm/W
	<b>FORCE</b>	169833	BJFL 80W	80	Discrete	42	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	340	100 Lm/W (±5%)
		169834	BJFL 100W	100	Discrete	43	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	450	100 Lm/W (±5%)
		169835	BJFL 120W	120	Discrete	40	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	515	100 Lm/W (±5%)
		169836	BJFL 150W	150	Discrete	42	>70	5700±300	Glass	>95%	<10%	>85%	66	07	5kV/10kV	140V-270V	631	100 Lm/W (±5%)
	<b>MAGNUM</b>	112716	BJFL 30W	30	Discrete	60	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	140V-280V	135	90 Lm/W (±10%)
		112617	BJFL 60W	60	Discrete	60	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	100V-300V	245	90 Lm/W (±10%)
		169903	BJFL 80W LED S	80	Discrete	120	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	100V-300V	350	90 Lm/W (±10%)
		169904	BJFL 100W LED S	100	Discrete	120	>70	5700±300	Glass	>95%	<10%	>85%	65	07	5kV/10kV	140V-280V	438	90 Lm/W (±10%)

# VOICE OF CUSTOMERS



Tata - Aldesa (JV), Jammu

**TATA - ALDESA (JV)**

**To Whom it May Concern**

This is to certify that M.s Dynamic Solutions

Purmandal Morh Bari Brahmana Jammu -180010

Dynamic Solutions: DELHI OFFICE: REGAL THEATRE, CONNAUGHT CIRCLE -110001

Has Satisfactorily Executed and completed the work for supply & Installation testing and commissioning of Electrical Panels Nights/Hi mast at:

TATA-ALDESA (JV) Maitha near Maitha Railway Station Kanpur Dehat

TATA-ALDESA (JV) C/441 Geetanjali Bhawan Near Panki Police Station Panki Kanpur-UP PIN: - 208020

Sr No.	Purchase order No.	Dated	Value
1	SBU-RLY/TATA-ALDESA JV/WO-ALJN/DFCCIL-LOT-101/126	10.08-2015	1068000.00
2	SBU-RLY/TATA-ALDESA JV/WO-ALJN/DFCCIL-LOT-101/126	10-08-2015	2196023.00
			3264023.00 ₹

The work was completed in time and lights are working satisfactorily. We are satisfied with lights and Performance of Bajaj Led flood lights of 160 watt.

**Thanks & Regards,**

*Gaurav Bhardwaj*  
Gaurav Bhardwaj  
Dy. Manager (SCM)  
DFCCIL - Slice 101,  
Mobile: 91 7060411227

JV Office : "Mithona Towers-1" 1-7-80 to 87 Prenderghast Road Secunderabad - 500 003 Telangana India  
Site Office : "SARASWATI PALACE" Ferozabad Road N.H.-2 Tundla - 281 204 Distt. Ferozabad Uttar Pradesh India  
CIN LMS203AP1979PLC057431

 भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

**Certificate of Appreciation**

To, Bajaj Electricals Ltd  
8/1, Lalbazar Street,  
3<sup>rd</sup> Floor, Bikaner Building,  
Kolkata-700001

Date: 31.05.2016

Kind Attention: Mr. Chirantan Kumar & Mr. Arijit Sen

This is to certify that M/s: Bajaj Electricals Ltd has been excellent in their timely response to us.

The package includes Bajaj Luminaires and its accessories.

Bajaj Electricals Luminaires division has Technical, Reliable and Performing team providing lighting solutions with expertise.

We would like to thank M/S: Bajaj Electricals Ltd luminaires division for their Hard Work, Dedication and Support extended to us for our various projects.

We expect similar cooperation from them in future also.

Thanking you,

Yours faithfully,  
*U.K. Rakshit*  
31/05/2016

(उत्तम कुमार रक्षित / U.K. RAKSHIT)  
ब. प्रबन्धक (आग्नि-वि.) / Senior Manager (E-E)  
आ. वि. प्रा. / AAI  
ने. सु. घ. भो. अ. हवाई अड्डा, NSCHI Airport  
कोलकाता 700052 / Kolkata 700052

पूर्व क्षेत्र  
Eastern Region

नेताजी सुभाष चन्द्र बोस अंतरराष्ट्रीय वाणिज्य, कोलकाता-52  
Netaji Subhas Chandra Bose International Airport, Kolkata-52

दूरभाष नम्बर : 2511-9800  
टेल. ऑफिस : 2511-9000

Airports Authority of India, Kolkata

Nagar Nigam, Lucknow

From  
Lighting Superintendent

Nagar Nigam, Varanasi

To,  
Mr. Mohd. Tarique  
M/S Bajaj Electricals Ltd.  
Lucknow.

Subject :- Product appreciation Letter.

Dear Sir,

This is to inform you that, we are regularly by using Bajaj Products for developing our city (Varanasi) by best lighting products of Bajaj Electricals Ltd.

We are spending minimum 1.5 Crore in purchasing Bajaj Street Lights and Flood lights along with accessories yearly.

We really appreciate the quality of Bajaj Products and wishing Bajaj Electricals for successful future.

Thanking you  
Date :- 19.02.2016

*Mohd. Tarique*  
Lighting Superintendent  
उत्कृष्ट नगर विकास  
आलेख अधिकारी  
नगर निगम, वाराणसी

 राष्ट्रीय राजधानी क्षेत्र दिल्ली सरकार  
GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI  
लोक निर्माण विभाग  
PUBLIC WORKS DEPARTMENT

पत्र सं. 23(8)/सहायक/लोकनिर्माण एम-2332/15-16/55 दिनांक: 04-04-16

**BAJAJ ELECTRICALS LTD.**  
1/10 ASAF ALI ROAD,  
NEW DELHI-110006

Dear Sir,

We have been using BAJAJ brand various type of light fittings in our projects. Their fittings are working satisfactorily.

BAJAJ team after sales support is quite sufficient and they always deliver our requirements.

Your's truly  
*Mohd. Tarique*  
Lighting Superintendent  
उत्कृष्ट नगर विकास  
आलेख अधिकारी  
नगर निगम, वाराणसी

Public Works Department, Delhi