BRANCH OFFICES

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Tel.: 011-66416100

aipur Tel.: 0141-2388240

ucknow Tel.: 0522-4938900-30

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.: 022-2204384

SOUTH REGION

Bengaluru Tel.: 080-46339000 Chennai Tel.: 044-30662200



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

www.bajajelectricals.com

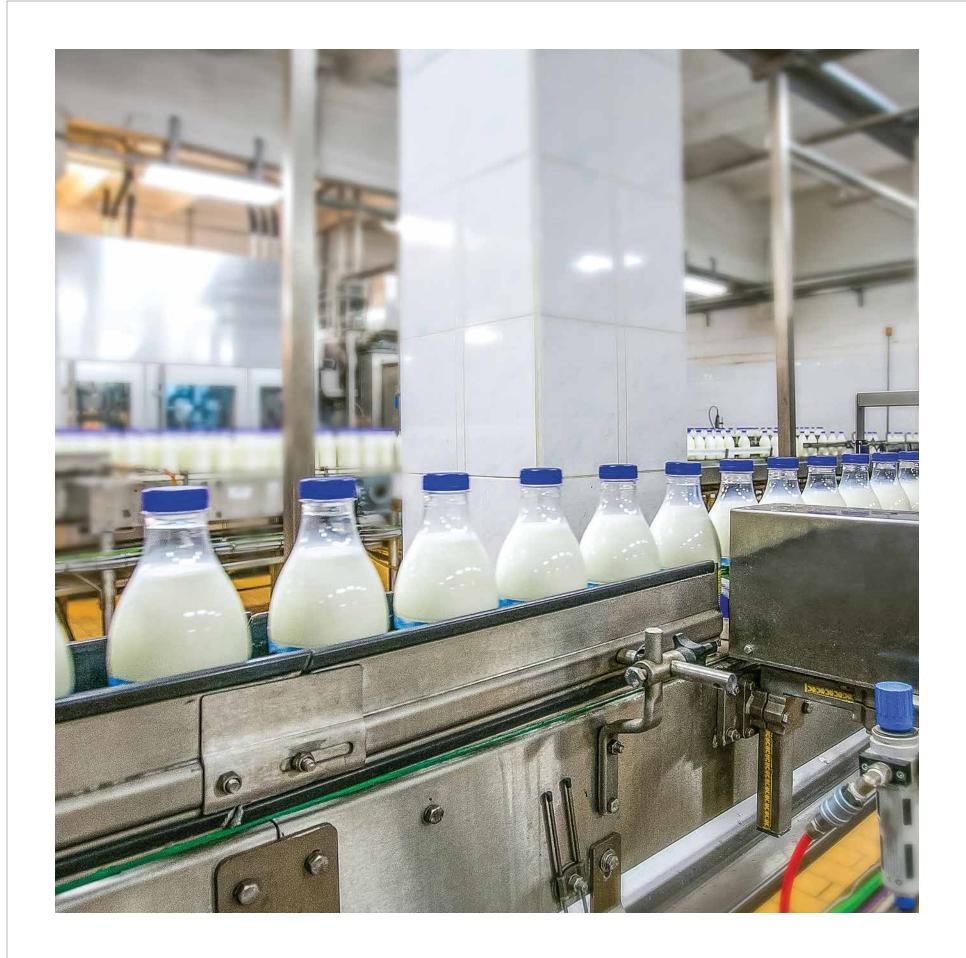
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EQUIP YOUR INDUSTRIAL BAY WITH ABSOLUTE BEST RANGE

In almost every aspect, Highbay Lighting from Bajaj Electricals is superior to the other names available in the market. It is our attitude of 'No Compromise', that pushes us to deliver quality and provide you with the best industrial lighting range, in every department.





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SUPERIOR TECHNOLOGY

At Bajaj, we provide you with highly specialized lighting solutions for practically every kind of industrial environment. In fact, we believe that simply describing these Highbays as 'light', would be doing them injustice. We prefer to call them systems, as our sensor based, IoT luminaires help you in easy operational management, superior lighting efficiency and scheduled based technology to optimize production. So, optimize our products as you see fit, and get the most out of them



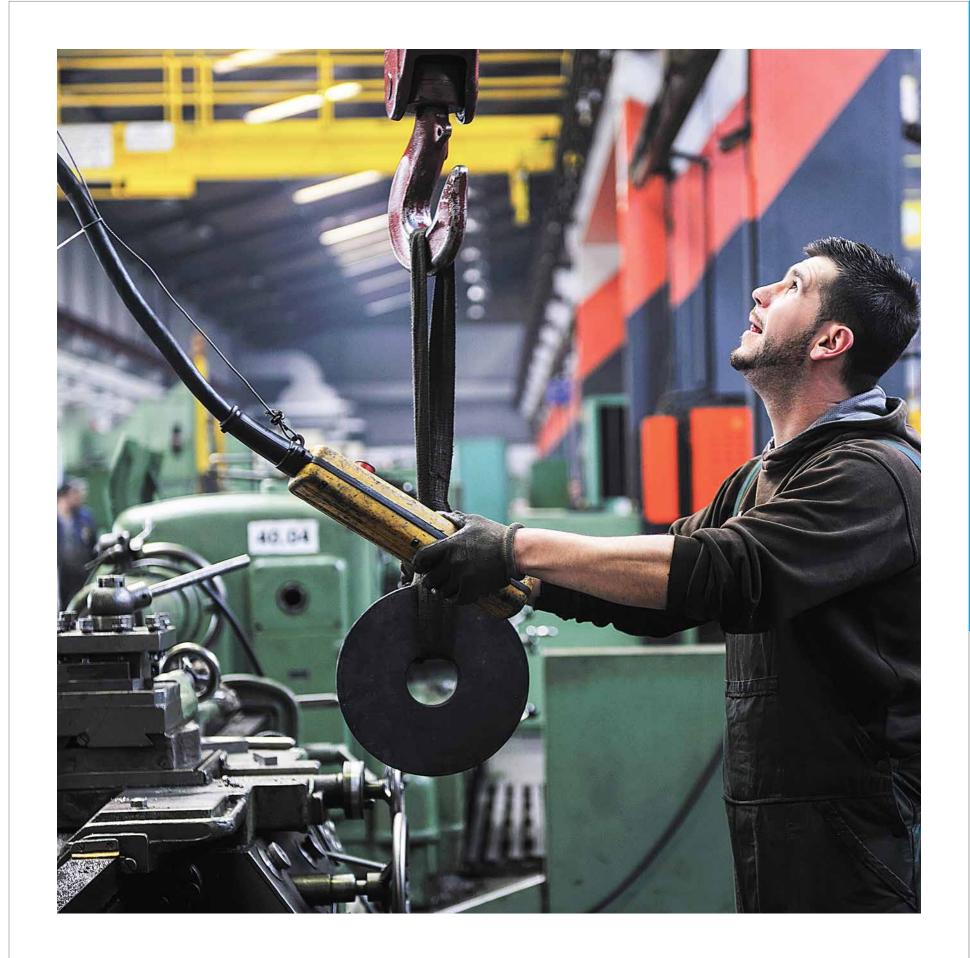




SENSOR BASED LIGHT EFFICIENCY



SCHEDULE BASED TECHNOLOGY





PERFECT AMBIANCE

Perfect lighting conditions play a vital role when it comes to any industrial setting. Lighting a project in the right manner can enhance productivity and improve employee morale. Hence, we provide the most specialized and task specific range, suited for any specific environment. Additionally, our products are designed to reduce accidents and minimize risk, especially within industrial conditions with the ability to withstand the harshest temperatures.







MINIMIZE RISK REDUCE ACCIDENTS



ENHANCE PRODUCTIVITY
IMPROVE EMPLOYEE MORALE





GREATER SAVINGS

Every highbay lighting product that you will glimpse in the following pages, has not only been designed to enhance the ambiance of your industrial space, but also to increase your savings. With the incorporation of our highly specialized and advanced LED Highbays, you can save up to 65% or even more. Illuminate your space with efficiency today.



LED HIGHBAY

PROLONGED LIFE



What makes these lighting solutions perfect for industrial conditions is their enhanced thermal management, thanks to the FV Technology Pressure Die Cast Housing feature, leading to longer life and enhanced product life cycle. With a sleek design and better safety features, Duranto Highbays truly are the best of every world.



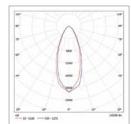
- System wattage: 80/100/120/150/200W
- Lumen pack: 8000/10000/12000/15000/20000 Lm (±5%)
- Luminaire efficacy: ≥100 Lm/W (±5%)

Features and Specifications

- Four stage electrical protection:
 - Over voltage protection
 - Under voltage protection
 - Short circuit and reverse polarity protection
 - Over temperature protection
- Life: 50000 Hrs.* @ L70
- Colour temperature: 5700K+300K
- Ingress protection: IP65
- Surge protection of internal 5kV and external 10kV

Applications

- Warehouses
- Manufacturing bays
- Factory sheds
- Indoor sports complexes
- Airport hangers





Construction

FV technology pressure die cast housing for better thermal management, which improves LED life and increases product Life cycle.

Option for visor

Secondary lens optics for better distribution and uniformity

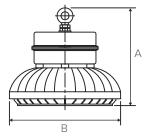
I-bolt mounting for suspension mounting

Easy installation through

Separate control gear - die cast aluminium housing

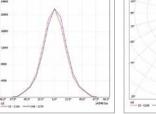
Innovative design in terms of air gap between LED housing and driver compartment ensuring thermal management

Product Dimensions Diagram



	-	ь
BGHB 80W LED GV	222	160
BGHB 100/120W LED GV	282	185
BGHB 200W LED GIV	280	164

(All dimensions in mm)





SPECIALIZED ANGLES



Blazing with advanced technology and superior design, each Blaze Highbay boasts the ability for focused lighting beam angles across a variety of applications. In addition to this, these Highbays ensure maximum savings and energy efficiency, reducing costs upto 60% against traditional fixtures.



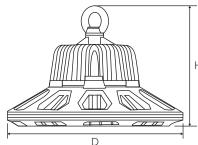
System wattage: 100/120/150/200W

Features and Specifications

- Lumen packages: 12000/14400/18000/24000 Lm
- Luminaire efficacy: ≥120 Lm/W
- Four stage electrical protection:
- Over voltage protection
- Under voltage protection
- Short circuit and reverse polarity protection
- Over temperature protection
- Available in 60° and 120° beam angle
- Die-cast aluminum housing with dedicated optics for excellent beam distribution
- Life: 50000 Hrs. @ L70
- Color temperature: 5700K±300K
- Surge protection of internal 4kV and external 4kV

Applications

- Manufacturing bays
- Warehouses
- Indoor stadiums
- Airport hangers
- Railway concourse halls
- F and B facilities (PC diffuser)



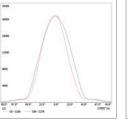
Product Dimensions Diagram

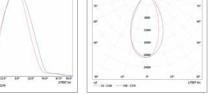
BGHBM 100W XE	260	177
BGHBM 120/150W XE	330	21
BGHBM 200W XE	400	22

(All dimensions in mm)

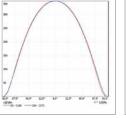
Construction

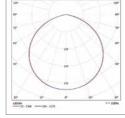






60° Beam Angle





120° Beam Angle



EVOLUTION PERSONIFIED



The future is here with Ray LED Highbay lighting. With futuristic LED chips and high-efficiency Lumen packages, these lighting solutions are exactly what your industrial space needs with the cutting edge design. They do not require wires, cables or even, fixing arrangements. Usher in cutting edge technology into your workspace.



Features a Ap Sipations

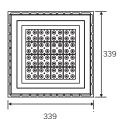
- Lumen packa**yھs:€%006**42000/14400/18000 Lm
- Luminaire •effidadgo≥ \$20dium/\$V
- Four stage election:
- Over voltageRpilotecticomcourse halls
- Under voltage protection
- Short circuit and reverse polarity protection
- Over temperature protection
- Surge protection of internal 5kV and external 10kV
- Life: 50000 Hrs. @ L70
- Color temperature: 5700K±300K
- Pressure dia-cast housing

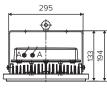
Construction





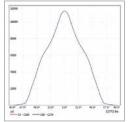
Product Dimensions Diagram

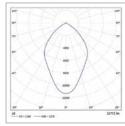




BGPPH 80/100/120/150W

(All dimensions in mm)









SIMPLIFIED INSTALLATION



From railway halls, to hangars, to warehouses to manufacturing facilities, Forcebay Highbays can be used across a variety of environments. What makes them special, however, is the ease of installation that is inherent to them. This is primarily because of its smart design and innovative make. Simplified in every sense!

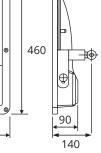


Features and Specifications

- System wattage: 80/100/120/150W
- Lumen packages: 8000/10000/12000/15000 Lm (±5%)
- Luminaire efficacy: ≥ 100 Lm/W (±5%)
- External surge protection 10kV provided for additional safety.
- Luminaire is provided with a mounting bracket fixed on die-cast aluminum end plates for aiming adjustment.
- Colour temperature: 5700K±300K
- Surge protection of internal 5kV and external 10kV
- Epoxy grey powder coated pressure die-cast aluminum housing.
- Ingress protection: IP66

Applications

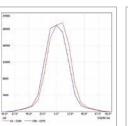
- Manufacturing bays
- Warehouses
- Indoor stadiums
- Airport hangers
- Railway concourse halls

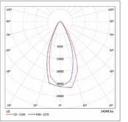


(All dimensions in mm)

304

Polar Line Diagram









Secondary lens optics for better refraction

Mounting bracket fixed on die-cast aluminum end plates for aiming adjustment

Epo

Epoxy cream powder coated pressure die-cast aluminum frame with heat resistant toughened clear glass fixed with SS screw

Toughened glass



ENHANCED WORK ENVIRONMENT



The first of two Linear Highbays truly perks up one's attention from the word go. Not only do these lighting products enhance the productivity of the employees within your industrial facility, they immediately create an impression on visitors and potential clients as well.



Applications

Large retail format

High-ceilinges

Shopping centers

Indoor sports facilities

• Industrial warehouses

Distribution centres

Features and Specifications

- System wattage: 80/100/120/140W
- Lumen packages: 8000/10000/12000/14000 Lm
- Luminaire efficacy: ≥ 100 Lm/W
- Life: 50000 Hrs. @ L70
- Degree of protection: IP20
- THD: <10%
- They render colors and shapes more accurately (CRI): >80
- Colour temperature: 5700K±300K

Benefits

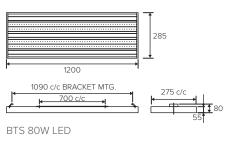
- Energy saving decorative surface/suspended mounted LED luminaire
- Lighting that improves the work environment and well-being
- Top-quality lighting gets real results on the facility floor
- They don't fade colors or degrade merchandise and materials
- They create the right ambience and make a positive impression on visitors and potential clients
- They avoid glare and flickering
- They increase efficiency for employees in order to properly fulfill their task

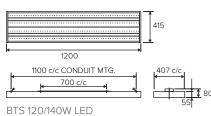
Construction



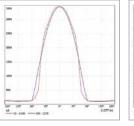
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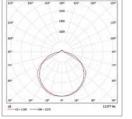
Product Dimensions Diagram





(All dimensions in mm)







MAGNIFICENT DESIGN



Yet another Linear Highbay product, the Trendy range is synonymous with its immaculate design and the ability to render colors and shapes with maximum accuracy. Their ultra modern looks make them ideal for a variety of applications and also lend the name, Trendy, to them.



Features and Specifications

- System wattage: 100/120W
- Lumen packages : 10000/12000 Lm
- Efficacy: > 100 Lm/W
- Surge Protection: internal 5kV and external 5kV
- CRI: > 80
- THD: < 10%
- Degree of protection: IP54
- Color temperature: 5700K±300K

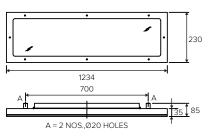
Benefits

- Lighting that improves the work environment and well-being. Top-quality lighting gets real results on the facility floor
- They render colors and shapes more accurately (CRI)
- They don't fade colors or degrade merchandise and materials
- They create the right ambiance and make a positive impression on visitors and potential clients
- They avoid glare and flickering
- They increase efficiency for employees in order to properly fulfill their task
- The elegant design enhances the aesthetic and suits indoor usage

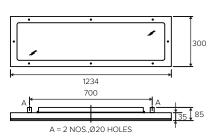
Applications

- Departmental stores and control rooms
- Manufacturing Industries
- Textile manufacturing
- Automobile and ancillary Manufacturing
- Warehouses, railway concourse halls, railway platforms

Product Dimensions Diagram

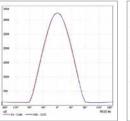


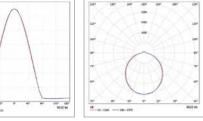
BTHBX 100W LED WH



BTHBX 120W LED WH

(All dimensions in mm)









FINER LIGHT DISTRIBUTION



Cosmo LED Luminaires are enclosed within a CRCA sheet steel recessed frame, with heat resistance, clear toughened glass, and silicon gaskets. They are eco-friendly, energy efficient and reliable too! They serve a variety of applications and their lenses ensure best light distribution. Equip your space with this phenomenal range!

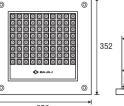


Features and Specifications

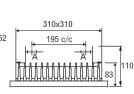
- System wattage: 80W/100W (I/N/S/V2 Series)
- System lumens: 7200 to 10600 Lm/W
- Colour rendering index: ≥ 70
- Color temperature: 5700K±300K
- Operating temperature range: 0-50°C
- Optical cover: Toughened glass
- Material: pressure die-cast aluminum
- Surge protection of internal 5kV and external 10kV
- Ingress protection: IP65
- Power factor: ≥ 0.9
- THD: <10%

Applications

- Petrol bunks
- Loading/Unloading bays
- Canopy
- Public halls
- Low height industrial sheds



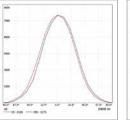
Product Dimensions Diagram

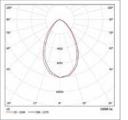


Ceiling cutout required 315x315mm A = 2 Nos., O20 Holes

(All dimensions in mm)

Polar Line Diagram







Construction





TECHNICAL SPECIFICATIONS

Product	Product Name	Product Code	Catalogue Reference	System Wattage	LED Technology	Beam Angle	CRI	сст (°к)	Diffuser Type	Power Factor	THD	Driver Efficiency	IP	IK	Surge Protection (Internal/External)	AC Input Voltage	LED Driving Current (mA)	Efficacy (Lm/W)
		169871	BGHB 80W GV	80	DISCRETE	60	> 70	5700 <u>±</u> 300	Glass	> 95%	< 15%	> 85%	65	07	5kV/10kV	140V-280V	350	100 Lm/W (<u>+</u> 5%)
	DURANTO	169933	BGHB 100W GV	100	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 15%	> 85%	65	07	5kV/10kV	100V-300V	430	100 Lm/W (<u>+</u> 5%)
The state of the s		169934	BGHB 120W GV	120	DISCRETE	60	> 70	5700 <u>±</u> 300	Glass	> 95%	< 15%	> 85%	65	07	5kV/10kV	100V-300V	520	100 Lm/W (<u>+</u> 5%)
STATE OF THE PARTY		169709	BGHB 150W GIV	150	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 15%	> 85%	65	07	5kV/10kV	140V-280V	685	100 Lm/W (<u>+</u> 5%)
Minimum		169721	BGHB 200W GIV	200	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 15%	> 85%	65	07	5kV/10kV	140V-280V	860	100 Lm/W (<u>+</u> 5%)
		169894	BGHBM 100W XE	100	DISCRETE	60/120	> 70	5700 <u>+</u> 300	PC	> 91%	< 15%	> 91%	65	05	4kV/4kV	90V-305V	225-285	> 120 Lm/W
	BLAZE	169895	BGHBM 120W XE	120	DISCRETE	60/120	> 70	5700 <u>+</u> 300	PC	> 91%	< 15%	> 91%	65	05	4kV/4kV	140V-300V	300-380	> 120 Lm/W
		169896	BGHBM 150W XE	150	DISCRETE	60	> 70	5700 <u>±</u> 300	PC	> 91%	< 15%	> 91%	65	05	4kV/4kV	140V-300V	330	> 120 Lm/W
		169897	BGHBM 200W XE	200	DISCRETE	60	> 70	5700 <u>+</u> 300	PC	> 91%	< 15%	> 91%	65	05	4kV/4kV	140V-300V	330	> 120 Lm/W
- Control of the Cont		169876	BGPPH 80W LED	80	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 10%	> 85%	66	07	5kV/10kV	140V-280V	525	> 120 Lm/W
	RAYS	169877	BGPPH 100W LED	100	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 10%	> 85%	66	07	5kV/10kV	140V-280V	560	> 120 Lm/W
	TO TO	169878	BGPPH 120W LED	120	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 10%	> 85%	66	07	5kV/10kV	140V-280V	560	> 120 Lm/W
		169879	BGPPH 150W LED	150	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 10%	> 85%	66	07	4kV/4kV	140V-280V	560	> 120 Lm/W
	FORCEBAY	169857	BJHFL 80W LED	80	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 10%	> 85%	66	07	5kV/10kV	140V-280V	350	100 Lm/W (<u>+</u> 5%)
		169858	BJHFL 100W LED	100	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 10%	> 85%	66	07	5kV/10kV	140V-280V	438	100 Lm/W (<u>+</u> 5%)
, a		169859	BJHFL 120W LED	120	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 10%	> 85%	66	07	5kV/10kV	140V-280V	526	100 Lm/W (<u>+</u> 5%)
		169860	BJHFL 150W LED	150	DISCRETE	60	> 70	5700 <u>+</u> 300	Glass	> 95%	< 10%	> 85%	66	07	5kV/10kV	140V-280V	670	100 Lm/W (<u>+</u> 5%)
		169784	BTHBX 100W LED	100	DISCRETE	115	> 80	5700±300	Opal	> 95%	< 10%	> 85%	54	-	5kV	140V-280V	380	100 Lm/W (<u>+</u> 5%)
	PERK LINEAR	169909	BTHBX 120W LED	120	DISCRETE	115	> 80	5700 <u>±</u> 300	Opal	> 95%	< 10%	> 85%	54	-	5kV	140V-280V	440	100 Lm/W (<u>+</u> 5%)
	TRENDY LINEAR	169742	BTS 80W	80	DISCRETE	115	> 80	5700 <u>+</u> 300	Opal	> 95%	< 10%	> 85%	20		2.5kV	140V-280V	344	> 100 Lm/W
		On request	BTS 100W	100	DISCRETE	115	> 80	5700 <u>+</u> 300	Opal	> 95%	< 10%	> 85%	20	_	2.5kV	140V-280V	350	> 100 Lm/W
		11449	BTS 120W	120	DISCRETE	115	> 80	5700±300	Opal	> 97%	< 10%	> 85%	20	_	2.5kV	140V-280V	517	> 100 Lm/W
		112744	BTS 140W	140	DISCRETE	115	> 80	5700±300	Opal	> 95%	< 10%	> 85%	20	-	2.5kV	140V-280V	-	> 100 Lm/W
1		169875	BGPPR 80W LED N	80	DISCRETE	60	> 70	5700 <u>±</u> 300	Glass	> 95%	< 10%	> 85%	65	07	5kV/10kV	140V-280V	350	100 Lm/W (<u>+</u> 5%)
A A STATE OF THE PARTY OF THE P	соѕмо	169899	BGPPR 80W LED S	80	DISCRETE	60	> 70	5700±300	Glass	> 95%	< 10%	> 85%	65	07	5kV/10kV	140V-280V	350	100 Lm/W (±5%)
The second		169332	BGPPR 80W LED V2	80	DISCRETE	60	> 70	5700 <u>±</u> 300	Glass	> 95%	< 10%	> 85%	65	07	5Kv/10kV	140V-280V	350	100 Lm/W (<u>+</u> 5%)
1. onu .		On request	BGPPR 100W LED V2	100	DISCRETE	60	> 70	5700 <u>±</u> 300	Glass	> 95%	< 10%	> 85%	65	07	5Kv/10kV	140V-280V	450	100 Lm/W (<u>+</u> 5%)

VOICE OF CUSTOMERS

Lucas TVS. Chennai





ITC Limited, Bengaluru



Ultratech Cement, Jaipur





JSW Steel Ltd., Bengaluru