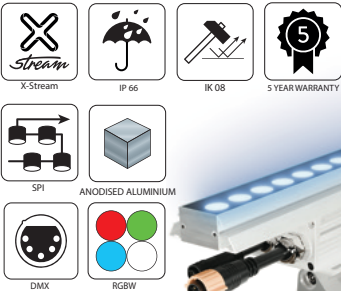


BXG 80 | GRAZER SERIES RANGE

The BXG 80 is a high-output pixel LED grazer built for architectural and infrastructure lighting, ideal for tunnels, bridges and facades.

Built from corrosion-resistant anodised aluminium with an 8mm tempered glass cover, the BXG 80 is engineered for durability in harsh environments. Rated IP66 and IK08, it ensures reliable operation in demanding outdoor conditions.

With multiple length options and support for DMX and SPI control, the BXG 80 offers flexible integration across diverse lighting projects.



PART NUMBER CONFIGURATOR

Prefix	Model	Pixels/m	Length	LED Colour	White CCT	Control	Beam Angle	Power	Voltage	Housing Colour	Mount
BXG	80	1 – 1pixel/m 2 – 2pixels/m 3 – 3pixels/m 4 – 4pixels/m	305 – 305mm 610 – 610mm 915 – 915mm 1220 – 1220mm	RGB RGBW RGBA DW – Dynamic White (22K - 50K) W – White (24K – 60)	24K – 2400K 27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 50K – 5000K 60K – 6000K	D – DMX S – SPI P – PWM X – X-Stream	10 – 10° 25 – 25° 40 – 40° 1.3 – 10°x35° 1.6 – 10°x60° 2.4 – 20°x40° 3.6 – 30°x60°	20 – 20W 40 – 40W 60 – 60W 80 – 80W	48 – 48V DC AC – 100–277 V AC	A – Anodised Aluminium B – Black C – Custom RAL	3S – 30° Swivel Mount 9S – 90° Swivel Mount F – Foot Mount 9F – 90° Fixed Mount 12S – 120° Swivel Unistrut Mount

Example: BXG – 80 – 4 – 305 – RGBW – 50K – X – 40 – 20 – 48 – A – 3S

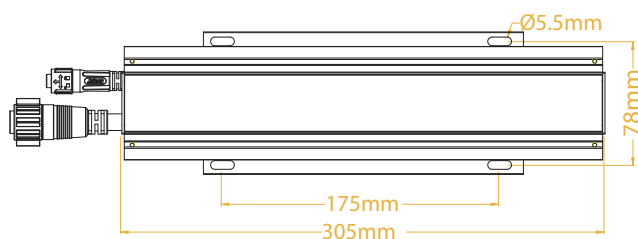
SPECIFICATIONS

Electrical	Power Consumption Operating Voltage Operating Temperature Storage Temperature	20W (305mm) – 40W (610mm) – 60W (915mm) – 80W (1220mm) 100 – 277V AC or 48V DC -40°C TO 50°C – (-40°F TO 122°F) -40°C TO 80°C – (-40°F TO 176°F)
Physical	Dimensions Housing Weight IK Rating IP Rating Finish Source Life Connection Connectors Mounting CRI Maximum Fixtures in Series Optional Glare Control	L: 305mm / 610mm / 915mm / 1220mm – W: 75.5mm – H: 90mm Aluminium with 8mm Tempered Glass 1.35kg (305mm) – 2.7kg (610mm) – 4.05kg (915mm) – 5.4kg (1220mm) IK08 IP66 Anodised Brushed Aluminium, Corrosion Resistant 50,000 hours/L70 at 25°C 6-Pin AC/DMX (DMX Version), 5-Pin AC/Signal (SPI Version) Multipin IP68 Connectors 30° Swivel Mount / 90° Swivel Mount / Foot Mount / 90° Fixed Mount / 120° Swivel Unistrut Mount >82 (92 available on request) 15m (50') @ 120V – 30m (100') @ 240/277V AC Louvre and Shield
Optical	Beam Angle Colour Range LED Type Luminous Flux Total Lumens Centre Beam Candela Inrush Current	10°, 25°, 40°, 10°x35°, 10°x60°, 20°x40°, 30°x60° White (2400K, 2700K, 3000K, 3500K, 4000K, 5000K, 6000K), RGB, RGBW, RGBA, Dynamic White (2000K-5000K) High Power LEDs 4305lm @ 80W, 10° beam 693lm (305mm) – 1386lm (610mm) – 2079 (915mm) – 2772lm (1220mm) 1979 (RGBW 10°x60° – Full On) 60A, 317µs
Diming & Control	Dimming Protocols Pixel Control	X-Stream, SPI, DMX, PWM 1 or 4 pixel per 1220mm
Fixture Rating & Certifications	CE	
Limited Warranty	5 Years	Extendable Warranty Available

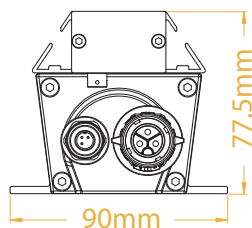
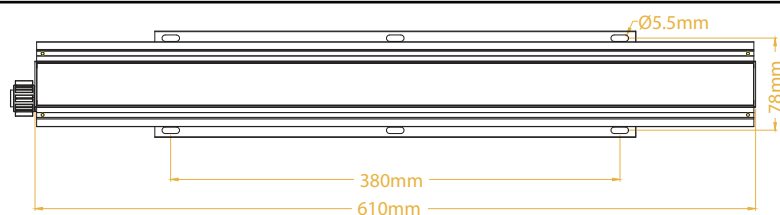
BXG 80 | GRAZER SERIES RANGE

DIMENSIONS AND MOUNTING

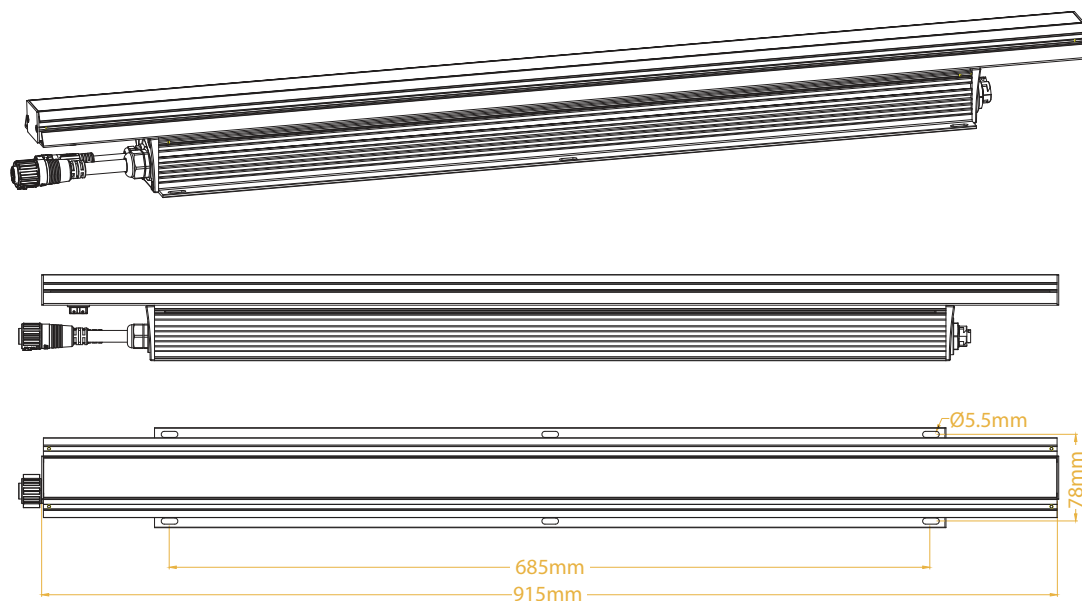
DIMENSIONS – L: 305mm / W: 77.5mm / H: 90mm



DIMENSIONS – L: 610mm / W: 77.5mm / H: 90mm



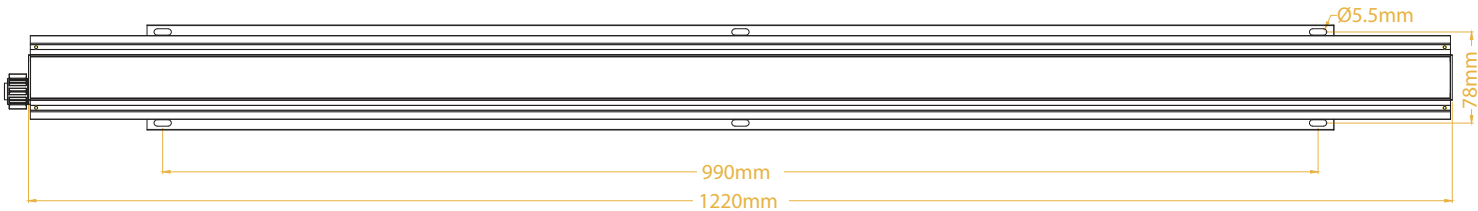
DIMENSIONS – L: 915mm / W: 77.5mm / H: 90mm



BXG 80 | GRAZER SERIES RANGE

DIMENSIONS AND MOUNTING

DIMENSIONS – L: 1220mm / W: 77.5mm / H: 90mm

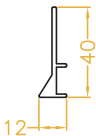
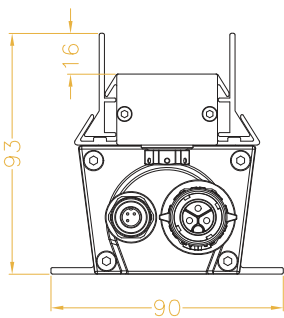
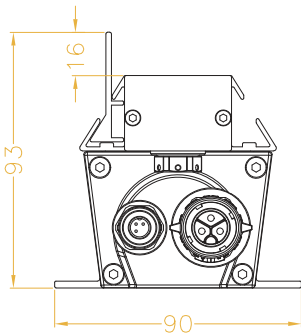


ACCESSORIES

Single anti-glare shield

Double anti-glare shield

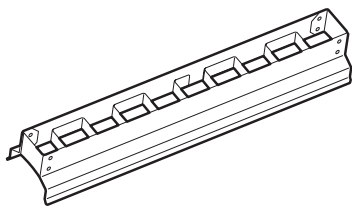
Glare dimensions



RELATED COMPONENTS

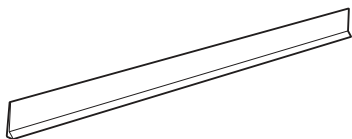
MOUNTING ACCESSORIES

Glare Control Louvre



Part #	Description
BXG – G – L305	Glare Control Louvre – 305mm
BXG – G – L610	Glare Control Louvre – 610mm
BXG – G – L915	Glare Control Louvre – 915mm
BXG – G – L1220	Glare Control Louvre – 1220mm

Glare Control Insert



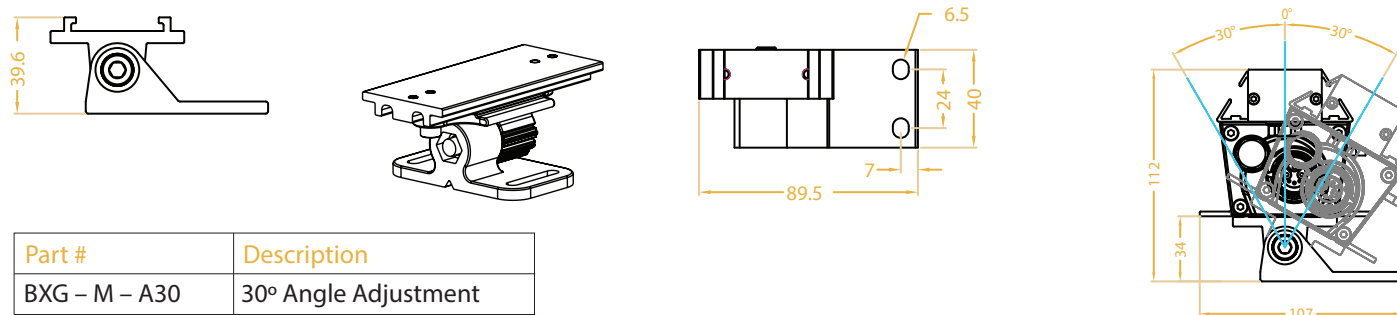
Part #	Description
BXG – G – I305	Glare Control Insert – 305mm
BXG – G – I610	Glare Control Insert – 610mm
BXG – G – I915	Glare Control Insert – 915mm
BXG – G – I1220	Glare Control Insert – 1220mm

BXG 80 | GRAZER SERIES RANGE

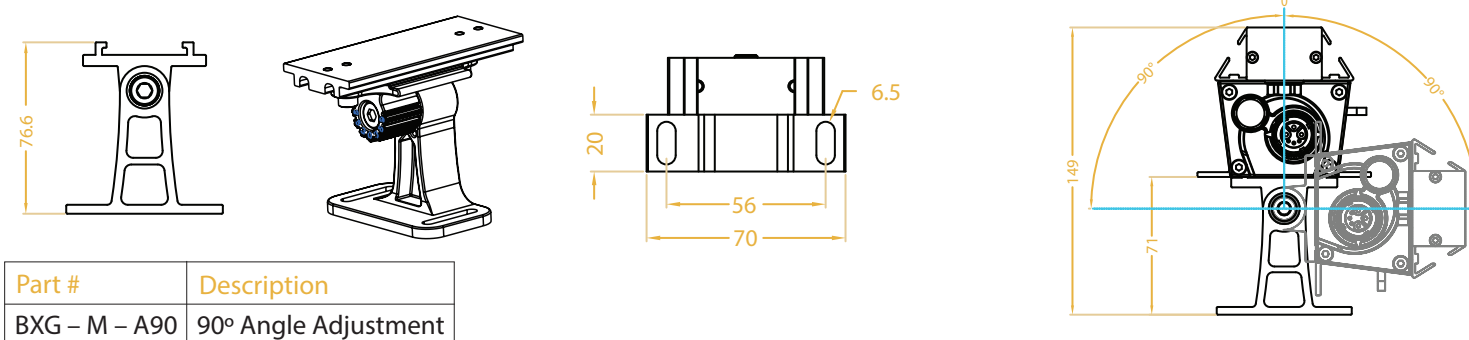
DIMENSIONS AND MOUNTING

ACCESSORIES

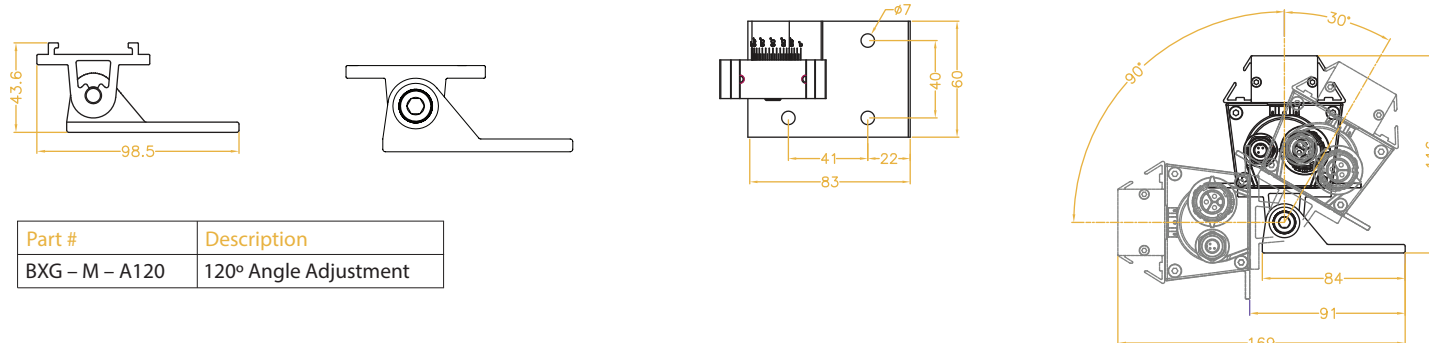
30° swivel adjustable bracket



90° swivel adjustable bracket



120° swivel uni-strut bracket



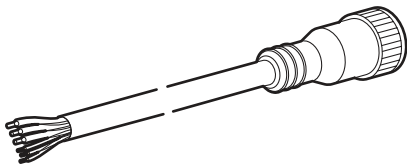
BXG 80 | GRAZER SERIES RANGE

ACCESSORIES AND RELATED COMPONENTS

RELATED COMPONENTS

CONNECTION CABLES

Feeder Cable



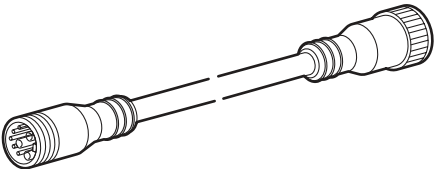
Part #	Description
BXG – C – DF – 1M	1m DMX Feeder Cable
BXG – C – SF – 1M	1m SPI Feeder Cable
BXG – C – DF – 3M	3m DMX Feeder Cable
BXG – C – SF – 3M	3m SPI Feeder Cable
BXG – C – DF – 5M	5m DMX Feeder Cable
BXG – C – SF – 5M	5m SPI Feeder Cable

Feeder cable for BX Series IP66 Connector and bare wire.
Custom lengths available.

D – DMX - 6 Pin cable IP66 Rated
S – SPI - 3 Pin cable IP66 Rated
SR – SPI Redundancy
1 x 3 Pin power cable 240V AC IP66 Rated
1 x 3 Pin data cable IP66 Rated

*Note: increasing feeder cable lengths impacts system designs, contact local distributors for technical system desing constraints.

Link Cable



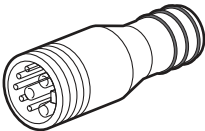
Part #	Description
BXG – C – DL – 1M	1m DMX Link Cable
BXG – C – SL – 1M	1m SPI Link Cable
BXG – C – DL – 3M	3m DMX Link Cable
BXG – C – SL – 3M	3m SPI Link Cable
BXG – C – DL – 5M	5m DMX Link Cable
BXG – C – SL – 5M	5m SPI Link Cable
BXG – C – DL – XX	Custom Length DMX Link Cable
BXG – C – SL – XX	Custom Length SPI Link Cable

Linking cables featuring IP66 plug-and-play connectors at each end. Custom lengths are available.

D – DMX 6 Pin
S – SPI 3 Pin IP66
SR – SPI Redundancy
Power 3 Pin IP66
Data 3 Pin IP66

*Note: increasing feeder cable lengths impacts system designs, contact local distributors for technical system design constraints.

End Cap



Part #	Description
BXG – DT	DXM End of Line Termination End Cap

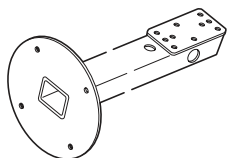
BXG 80 | GRAZER SERIES RANGE

ACCESSORIES AND RELATED COMPONENTS

RELATED COMPONENTS

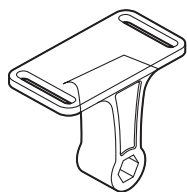
MOUNTING ACCESSORIES

Extension Bar



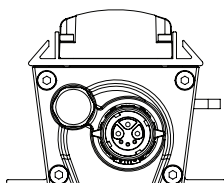
Part #	Description
BXG – EXT – 150	Extension Bar – 150mm
BXG – EXT – 300	Extension Bar – 300mm
BXG – EXT – 1000	Extension Bar – 1000mm

90° Fixed Bracket



Part #	Description
BXG – M – F90	90° Fixed Bracket

Foot Mount



Part #	Description
BXG – M – FM	Foot Mount

BXG 80 | GRAZER SERIES RANGE

WIRING INFORMATION

Typical Wiring Diagram

