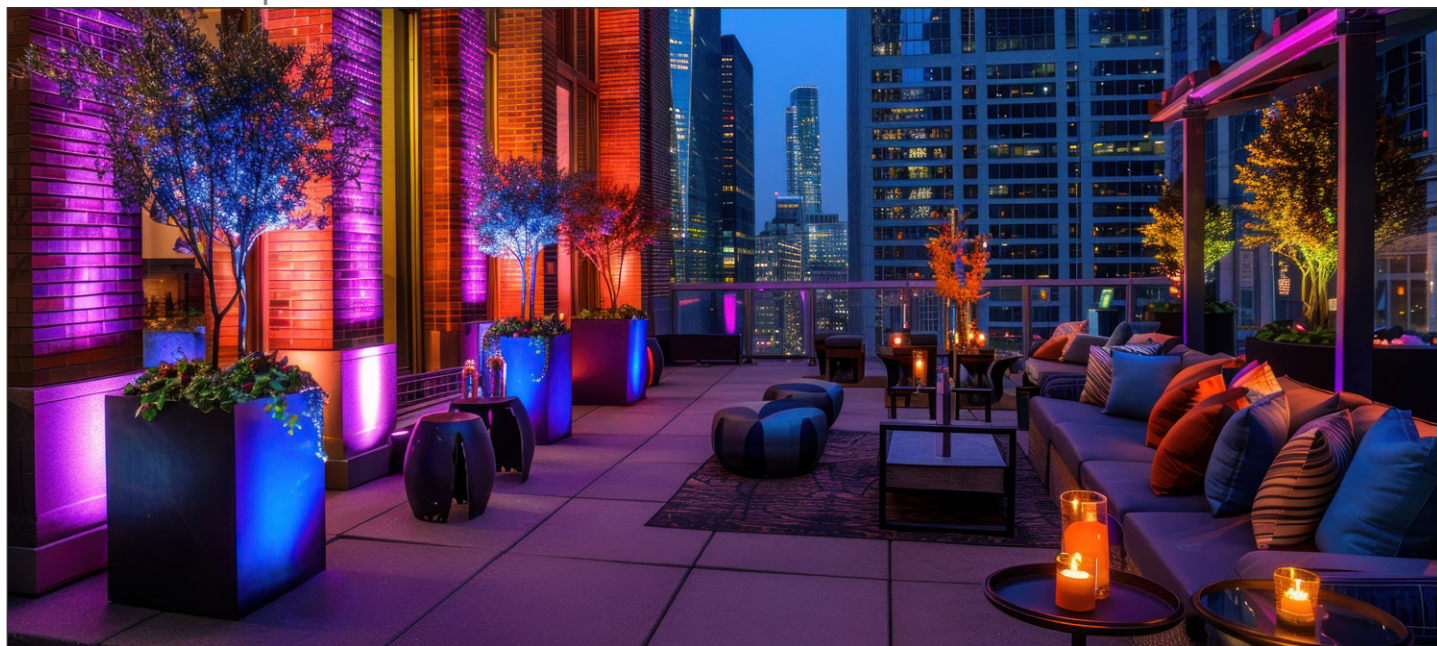


VEX BEAM 102

A Contemporary LED Flood Light With A Choice of
Colour Options & Beam Angles

102mm Diameter | Indoor & Outdoor Use



Integrated Driver



Features & Benefits

Robust Construction

A high-quality, powder-coated, die-cast aluminium body and a tempered glass outer lens ensures this luminaire will last.

Pick Your Colour

Available in a choice of static white CCTs or as tunable RGBW.

Beam Angle Selections

Choose from multiple beam angles from an ultra narrow 2.5°, to a wide 60°.

Anti-Glare Accessories

Reduce glare from this luminaire with integrated snoot or honeycomb louvre accessories.

Choose Your Control

Control options for the integrated driver include:
On/off, 0-10V PWM, Dali and DMX.

Compliance

UKCA, CE, IP66

5-Year Warranty

Standard 5-year warranty, L70 (Static White) @ >50,000 hours.

LIGHT OUTPUT INFORMATION

Efficacy (lm/W)

		Static White			RGBW ¹				
Fixture Type	Power Output	2700K	3000K	4000K	All	Red	Green	Blue	White (3000K)
Beam 102	20W*	70	75	80	45	25	75	10	75

Luminaire Lumen Output (lm)

		Static White			RGBW ¹				
Fixture Type	Power Output	2700K	3000K	4000K	All	Red	Green	Blue	White (3000K)
Beam 102	20 W*	1400	1500	1600	900	125	375	50	375

*2.5° Static White is limited to 15W output

The values above are specified at CRI = 80, for CRI = 90 reduce values given by 15%.
The information above is intended as a guide only. Final output is dependent upon beam angle selected.
If the data that you require is missing, please contact your Vexica representative

LED Quantity	3	
CRI	80 (White Only)	
LED Binning	3 SDCM (White Only)	
Dimmable	Yes	
Beam Angle	Static White	2.5°, 8°, 12°, 20°, 30°, 45°, 60°, 10°x60°
	RGBW	9°, 15°, 20°, 30°, 45°, 15°x60°

¹ RGBW consists of 4 channels (Red, Green, Blue & White), each capable of outputting 1/4 of the total luminaire power output. The 'Max' value is taken when all four channels are at 100% and the fixture is running at its maximum power output.

Vexica run regular development cycles, continuously optimising and balancing product specifications to best suit our customers. All information therefore, is intended as a guide and specifications may change on occasion without notice or announcement. Technical data is measured under controlled conditions, expected performance is within +/- 10% of advertised figures. Luminaire output stated is actual value from the luminaire itself. Information provided above is intended as a description of the product and shall not be used in the form of any contract.

ELECTRICAL INFORMATION

Power Options	20 W (15W for 2.5° Static White Only)
Input Voltage	100 - 305 VAC
Cable Entry	Rear Feed Entry
Connection Type	Static White1m 3-Core Power Cable
	RGBW1m 3-Core Power Cable
	1m 4-Core Signal Cable
Control Method	On/Off (Standard for Static White)
	0 - 10V
	DMX (Standard for RGBW)
	DALI

PHYSICAL & ENVIRONMENTAL INFORMATION

Housing Colour	Grey (RAL9023)
Finish	Powder Coated Die-Cast Aluminium, Tempered Glass
Ambient Operating Temperature	-20°C to +55°C
Ambient Storage Temperature	-55°C to +70°C
IP Rating	IP66
IK Rating	IK08

LED CCT/COLOUR OPTIONS

STATIC WHITE
2700K, 3000K, 4000K

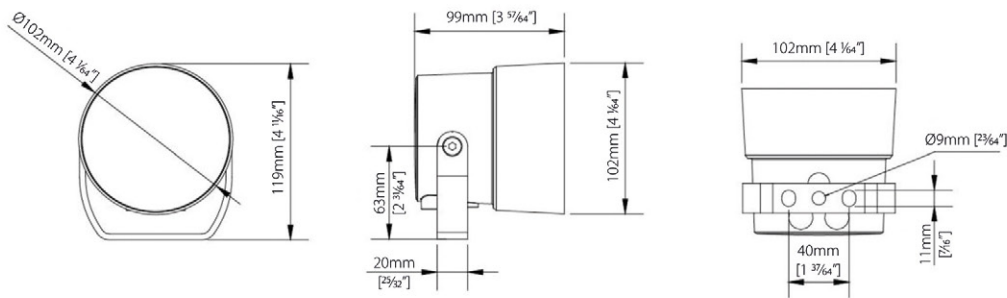


TUNABLE COLOUR
RGBW



PRODUCT DIMENSIONS

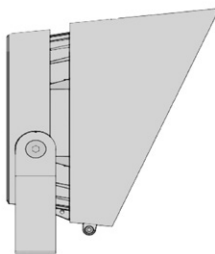
Barrel Diameter (mm)	102
Height (mm)	119
Depth (mm)	99
Weight (kg)	0.9



ACCESSORIES

ANTI-GLARE SNOOT

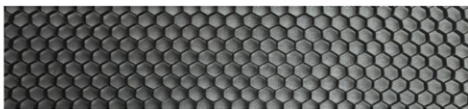
Integrated anti-glare shield for luminaire



ORDER CODE: 025054

HONEYCOMB LOUVRE

Integrated glare reduction honeycomb



ORDER CODE: 025055

FIXTURE ORDERING

Project Name

1) FIXTURE & OUTPUT TYPE

PRODUCT	CCT/LED COLOUR
VEX-BEAM-102	
Vex-Beam 102 is a contemporary exterior LED Flood Light Die-Cast Aluminium Body with Toughened Glass Lens 102mm Diameter,	2700K Static White (2700K) 3000K Static White (3000K) 4000K Static White (3500K) RGBW-3000K RGBW (3000K)

2) POWER & IP RATING

POWER OPTION	IP RATING
	IP66
20W 15W	IP66 Water & Dust Proof Suitable for outdoor use

3) BEAM ANGLE & CONTROL TYPE

BEAM ANGLE	CONTROL TYPE	CRI
STATIC WHITE 2.5 2.5° 8 8° 12 12° 20 20° 30 30° 45 45° 60 60° 10x60 10°x60°	RGBW 9 9° 15 15° 20 20° 30 30° 45 45° 15x60 15°x60°	OO On/Off (Standard for Static White) 0-10V 0-10V PWM Dimming DALI DALI Controlled Dimming DMX-512 DMX Controlled Dimming (Standard for RGBW) - CRI90 CRI = 80 (White Only) CRI = 90 (White Only)

PRODUCT CODE:

EXAMPLE: VEX - BEAM - 102 - 2700K - 20W - IP66 - 60 - DMX - 512

ACCESSORIES

PART NO.	DESCRIPTION	PRODUCT CODE
025054	Integrated Snoot/Hood	VEX-BEAM-102-ACCESSORY-SNOOT
025055	Anti-Glare Honeycomb Louvre	VEX-BEAM-102-ACCESSORY-HONEYCOMB-LOUVRE

STANDARDS & CERTIFICATIONS

Compliance

Standard Marks



Environmental Suitability

Recyclable

Aluminium body recyclable where facilities exist.

Reliability

Quality Assurance

All products are carefully selected and tested by Vexica so that you can be assured of their quality, function and reliability.

Warranty & Terms

Terms & Conditions

Warranty Registration

For details on our warranty and business terms, please click or scan the QR Code.

Notes