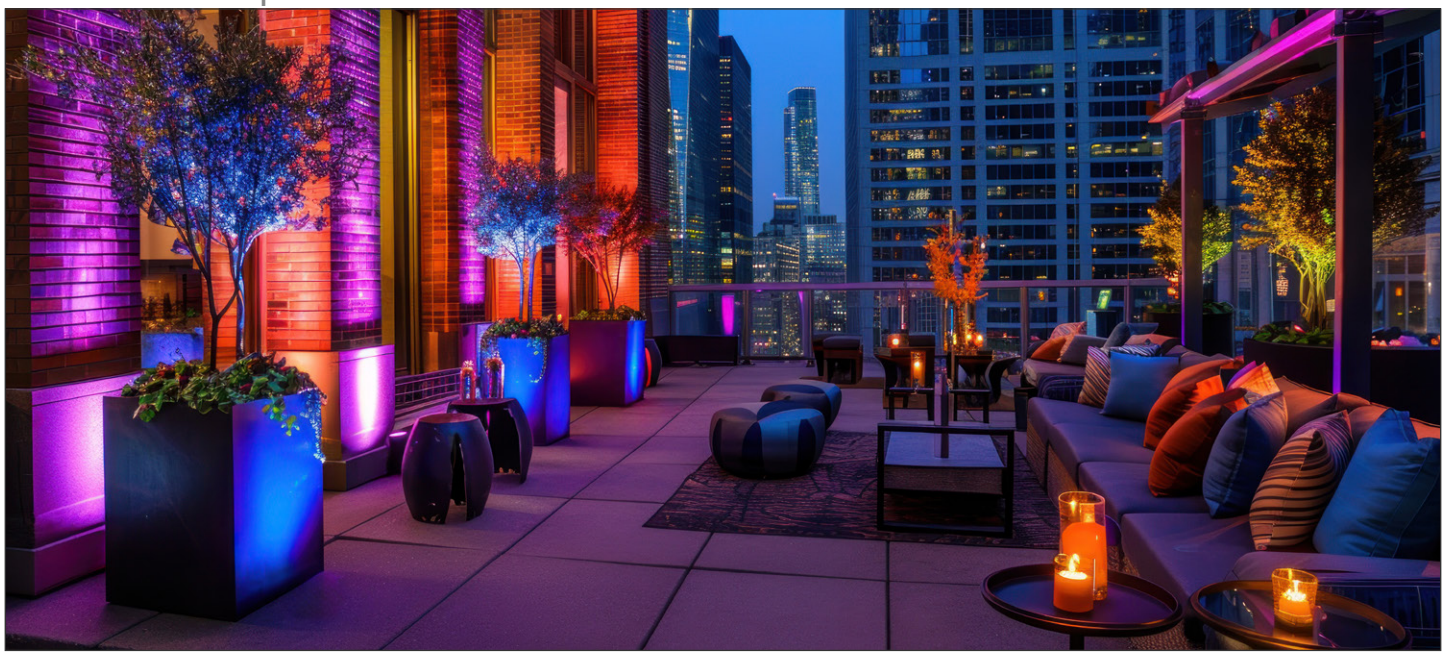
VEX BEAM 102

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

102mm Diameter | Indoor & Outdoor Use



Integrated Driver

MADE IN BRITAIN®

Features & Benefits

Robust Construction

A high-quality, powder-coasted, 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.

VEX BEAM 102

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

The values above are specified at CRI = 80

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	
Input Voltage	100 - 305 VAC	
Cable Entry	Rear Feed Entry	
Connection Type	**Static White**	1m 3-Core Power Cable
	RGBW	1m 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

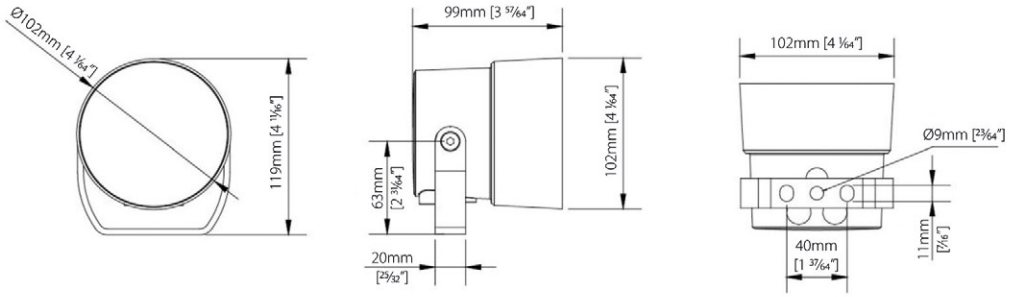
STATIC WHITE
2700K, 3000K, 4000K

TUNABLE COLOUR
RGBW

VEX BEAM 102

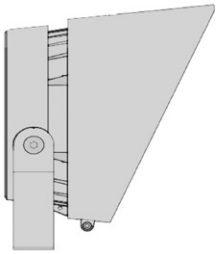
PRODUCT DIMENSIONS

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



ACCESSORIES

ANTI-GLARE SNOOT
Integrated anti-glare shield for luminaire



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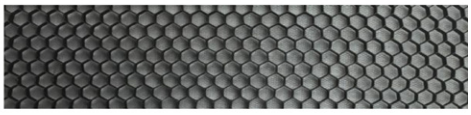
HONEYCOMB LOUVRE
Integrated glare reduction honeycomb



ORDER CODE: 025055

VEX BEAM 102

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
20W	**IP66**

20W	20W

IP66	Water & Dust Proof Suitable for outdoor use

3) BEAM ANGLE & CONTROL TYPE

BEAM ANGLE

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°

CONTROL TYPE

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)

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	UK CA CE

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

VEXICA

VEXICA.COM | SALES@VEXICA.COM | +44 (0)113 243 4813

VEXICA TECHNOLOGY | Typhoon House, Moxon Way, Leeds, West Yorkshire, LS25 6FB, United Kingdom

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