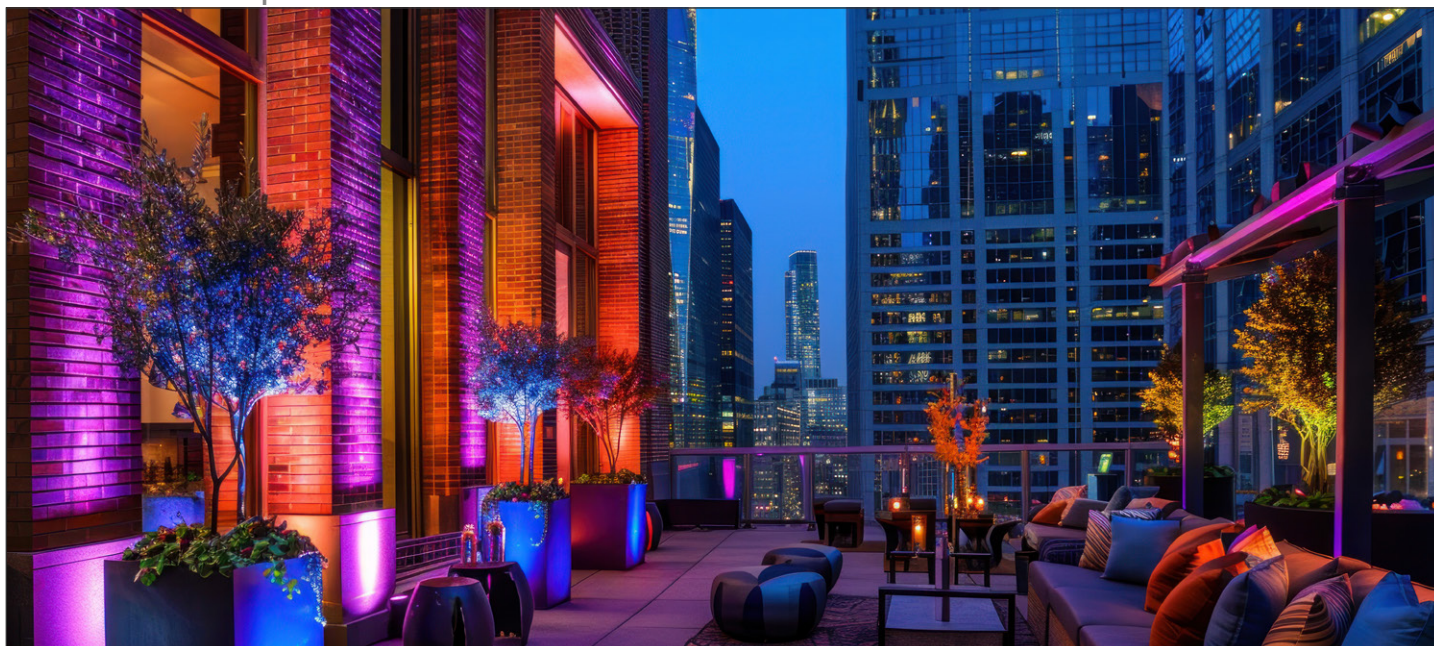


VEX BEAM 248

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

248mm 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, tunable RGBW, or choose the 7 in 1 option (RGBWCLA) for superior colour reproduction with intelligent output balancing.

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	Max	Red	Green	Blue	White (3000K)
Beam 248	100W	70	75	80	-	-	-	-	-
	150W	-	-	-	45	25	75	10	75

		RGBWCLA (7 in 1) with Output Balancing ²						
Fixture Type	Power Output	Red	Green	Blue	White (3000K)	Cyan	Lime	Amber
Beam 248	150W	20	35	5	40	20	50	25

Luminaire Lumen Output (lm)

		Static White			RGBW ¹				
Fixture Type	Power Output	2700K	3000K	4000K	Max	Red	Green	Blue	White (3000K)
Beam 248	100W	7000	7500	8000	-	-	-	-	-
	150W	-	-	-	6750	937	2812	375	2812

		RGBWCLA (7 in 1) with Output Balancing ²						
Fixture Type	Power Output	Red	Green	Blue	White (3000K)	Cyan	Lime	Amber
Beam 248	150W	860	1500	215	1715	860	2145	1070

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.

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.

² 7 in 1 with Output Balancing utilises 7 channels (RGBWCLA) of control for superior colour reproduction. Embedded intelligent control maximises the output at any selected colour. The values above represent the maximum possible lumen output per channel. These are not simultaneously achievable due to output balancing technology.

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.

LIGHT OUTPUT INFORMATION CONT.

LED Quantity	24	
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°
	RGBWCLA	10°, 15°, 20°, 30°, 15°x60°

ELECTRICAL INFORMATION

Power Options	Static White	100W
	RGBW & RGBWCLA	150W
Input Voltage	100 - 305 VAC	
Cable Entry	Rear Feed Entry	
Connection Type	Static White	1m 3-Core Power Cable
	RGBW & RGBWCLA	1m 3-Core Power Cable
		1m 4-Core Signal Cable
Control Method		

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



7 IN 1 (WITH OUTPUT BALANCING)

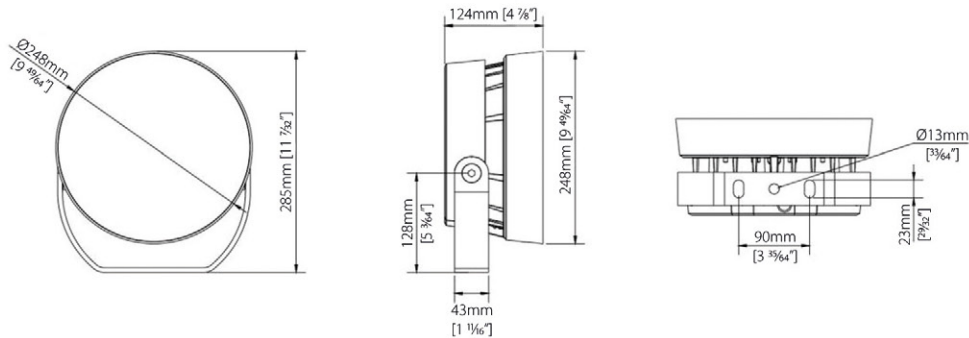
RGBWCLA



7 in 1 control with intelligent output balancing technology allows for superior colour reproduction at any level of dimming. This also ensures the maximum output of the luminaire is available independent of the hue selected.

PRODUCT DIMENSIONS

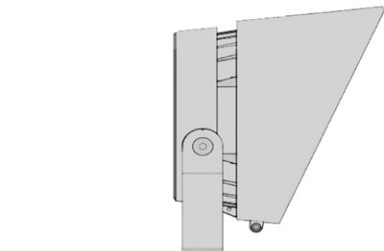
Barrel Diameter (mm)	248
Height (mm)	285
Depth (mm)	124
Weight (kg)	4.7



ACCESSORIES

ANTI-GLARE SNOOT

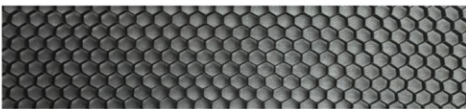
Integrated anti-glare shield for luminaire



ORDER CODE: 025062

HONEYCOMB LOUVRE

Integrated glare reduction honeycomb



ORDER CODE: 025063

FIXTURE ORDERING

Project Name

1) FIXTURE & OUTPUT TYPE

PRODUCT	CCT/LED COLOUR	
VEX-BEAM-248		
Vex-Beam 248 is a contemporary exterior LED Flood Light Die-Cast Aluminium Body with Toughened Glass Lens 248mm Diameter,	2700K 3000K 4000K RGBW-3000K RGBWCLA-3000K-OB	Static White (2700K) Static White (3000K) Static White (3500K) RGBW (3000K) 7 in 1 with Output Balancing (RGBWCLA, 3000K)

2) POWER & IP RATING

POWER OPTION	IP RATING	
	IP66	
100W 150W	100W (Static White Only) 150W (RGBW & RGBWCLA)	IP66 Water & Dust Proof Suitable for outdoor use

3) BEAM ANGLE & CONTROL TYPE

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

PRODUCT CODE:

EXAMPLE: VEX - BEAM - 248 - 2700K - 100W - IP66 - 60 - DMX - 512

ACCESSORIES

PART NO.	DESCRIPTION	PRODUCT CODE
025062	Integrated Snoot/Hood	VEX-BEAM-248-ACCESSORY-SNOOT
025063	Anti-Glare Honeycomb Louvre	VEX-BEAM-248-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