



Controlled illumination with 0% Upward Light, ensuring full compliance with dark sky standards (ULOR 0%).

Specialist forward-throw optics optimised for uniform pathway coverage with minimal light trespass.

Available with warm 2700K correlated color temperature (CCT), supporting visually comfort and low-impact lighting in eco-sensitive applications.

CE, RoHS, CB
international product marks

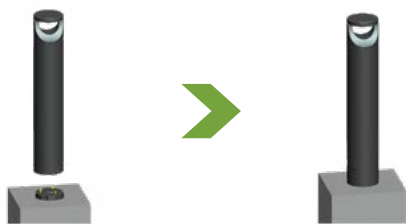


Bradley Series

ECO-Sensitive LED Bollard Light

CDN:SPEC260REV0

Technical Specifications Summary



Performance Summary:

Code (Series-Wattage/Size)	BRA-14A	BRA-14B	BRA-24A	BRA-24B
Nominal Power	14W		24W	
Luminaire Efficacy @ CRI>80, 4000K CCT	76lm/W		73lm/W	
Lumen Output @ CRI>80, 4000K CCT	1,064lm		1,752lm	
Lumen Maintenance	L70B50 ≥124,600 hours @Ta25°C L80B50 ≥78,500 hours @Ta25°C			
Certification	CE, RoHS, CB			
Product Warranty	5 Years			

Light Source and Photometric Parameters:

Chip Brand, Model, & Size	BMTC, ML3xM-Fx, 3030
Light Emission	Direct
CCT	4000K (2700K, 3000K, 5000K optional)
CRI	≥80 (≥70 optional)
Diffusers	Clear
Asymmetric Light Distribution	IESNA Type 4S, 4VS, 4M
Optical Accessories	Blank Cover

Electrical Parameters¹:

System Operating Power	14W	24W
Driver Brand	Lifud	
Driver Model	See Product Driver Table	
System Power Factor	>0.9	
Typical Driver Lifetime	50,000 hours	
Input Voltage	220-240 VAC	
Input Frequency	50-60Hz	
Power Factor	>0.95	
THD	<15%	
Insulation Class	I	
Surge Protection/Fusing	2Kv	

Environmental Parameters:

IP Rating	IP66
IK Rating	IK10
Ambient Usage Tolerance	-30°C to 50°C
Ambient Storage Tolerance	-30°C to 50°C

Physical/Mechanical Parameters:

Product Dimensions: (Ø x H) (mm)	165 x 500	165 x 900	165 x 500	165 x 900
Electrical Connection	1,000mm Cable			
Fixture Weight ²	4.50kg	6.16kg	4.50kg	6.16kg
Fixture Primary Material(s)	Aluminium Alloy			
Fixture Finish	Powder Coating			
Lens(es) Materials	Polycarbonate			

Technical Specifications Summary

Code (Series-Wattage/Size)	BRA-14A	BRA-14B	BRA-24A	BRA-24B
Dimming/Controls Parameters:				
Dimming Options	1-10V, DALI			
Compatible Intelligent Lighting Systems	Wireless Controls and Monitoring			
Options/Accessories:				
Mounting Styles	Surface Mounting			
Available Product Colours	Black (RAL 9017)			

¹ Electrical Parameter data is for D1 drivers, unless otherwise stated
² Excludes bracketry. Refer to the Packaging Weights & Dimensions data sheet for bracketry and accessory weights

All stated values should be considered indicative only. Technical data is provided from sample luminaires and construction components as assessed by OEM(s) under industry-standard, laboratory conditions. In practice, stated values can vary. Kellwood Lighting operates a policy of continual product improvement. Our luminaires' capabilities are regularly enhanced to outperform in-class market alternatives. Please contact our technical team directly for clarifications prior to purchase. All images depicted should be considered indicative only. Stated product warranty periods do not include associated labour costs. Stated product warranty periods are for UK projects only. For international projects, please contact our offices directly. Optional upgrades can often affect or supersede unit technical parameters, capabilities, and warranties. It is the responsibility of the purchasing authority to ensure selected hardware is suitable for application. For further documentation, including Returns Policy and Conditions of Unit Failure, please contact our offices. Hazardous area documentation (eg. ATEX) are issued to OEM codes. Please do not look directly at LED lighting products during operation.

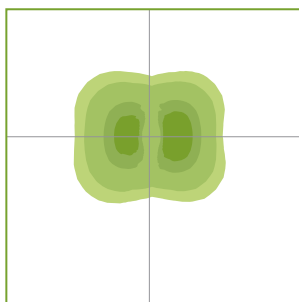
This datasheet & corresponding certification should be reviewed by a competent person to ensure project suitability.

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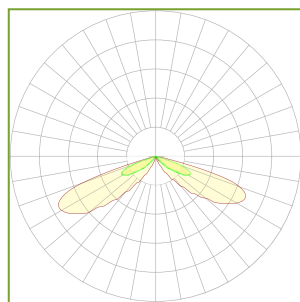
Indicative Product Photometry

IESNA Type IV Very Short

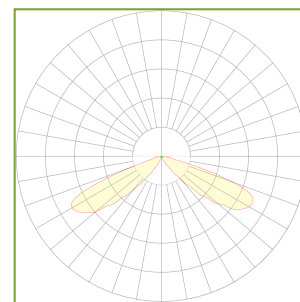
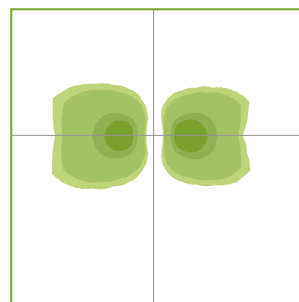
ISOLUX DIAGRAM



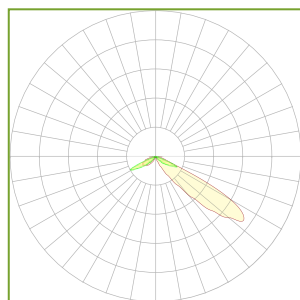
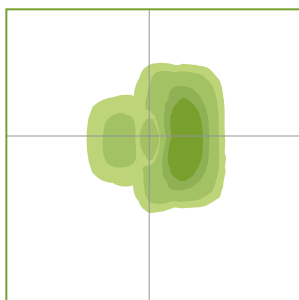
POLAR DIAGRAM



IESNA Type 4 Short

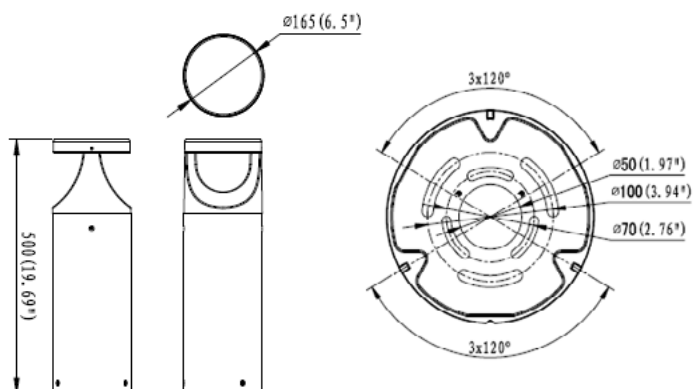


IESNA Type IV Medium

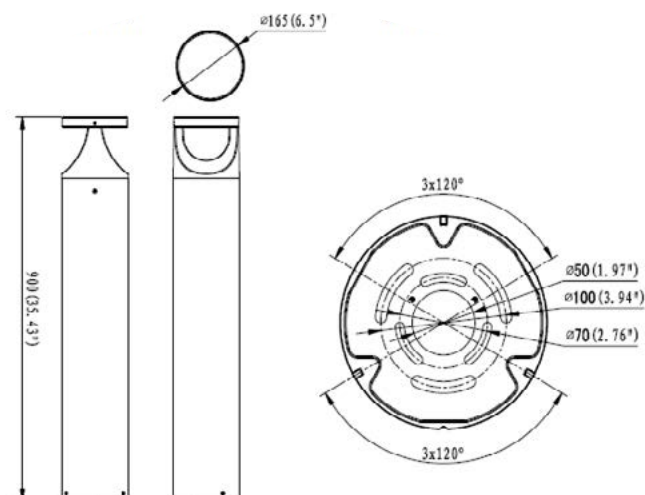


Dimensional Drawings

BRA-##A Dimensional Drawings



BRA-##B Dimensional Drawings





Standard product code fields are presented as:
Further customisation may be available - please contact us if required



Product Ordering Codes

PRODUCT	POWER	CRI & CCT	OPTIC	DRIVER	COLOUR	MODIFICATIONS
BRA	14A 14W, 500mm	727 CRI >70, 2700K	4S IESNA TYPE IV SHORT	D1 NON-DIM	BL BLACK (C3 RATED)	CO 180° CUT OFF
	14B 14W, 900mm	730 CRI >70, 3000K		D3 DALI		
	24A 24W, 500mm	740 CRI >70, 4000K				
	24B 24W, 900mm	750 CRI >80, 5000K	4M IESNA TYPE IV MEDIUM			
		827 CRI >80, 2700K				
		830 CRI >80, 3000K				
		840 CRI >80, 4000K				
		850 CRI >80, 5000K				

Product Ordering Code Examples:

BRA-14B-727-4S-D1-BL

BRA-24A-840-4M-D3-BL-CO

DRIVER MANUFACTURER		
POWER	D1	D3
14 14W	Us	LiFud
24 24W	Us	LiFud

CONTACT OUR OFFICE FOR FURTHER INFORMATION ON DRIVER PARAMETERS

GENERAL NOTES:

1. IF MORE THAN ONE MODIFICATION IS REQUIRED, SEPARATE EACH MODIFICATION WITH A HYPHEN AT THE END OF THE PRODUCT CODE
2. PLEASE ENSURE SELECTION OF COMPATIBLE DRIVER FOR OCCUPANCY SENSORS WITH DIMMING FUNCTIONALITY
3. PLEASE NOTE THAT MODIFICATIONS WHICH AFFECT LIGHT OUTPUT HAVE SEPARATE PHOTOMETRIC FILES IDENTIFIED WITH "...+(MODIFICATION)"
4. ALTERNATIVE DRIVERS MAY BE AVAILABLE - PLEASE CONTACT OUR OFFICE FOR FURTHER DETAILS
5. IF PRODUCT IS CUSTOMISED, CODES WILL BE ALTERED AS NECESSARY

