



- A specialist series of low-profile high bays for application in architectural facilities & retail zones
- Performance focused design - 6no. emission strips & central reflector maximise output area for reduced glare - Commercial grade colour rendering as standard
- The most competitive, high-end solution for projects worldwide

CE, RoHS, CB, ErP, SAA, UL & DLC international product marks



Hume 2 Series

Commercial High Bays

CDN:SPEC153REV1

Technical Specifications Summary



Performance Summary:

Code (Series-Wattage/Size)	HUM2-60	HUM2-90	HUM2-120	HUM2-150	HUM2-180	HUM2-240	HUM2-300	HUM2-400
Nominal Power	60W	90W	120W	150W	180W	240W	300W	400W
Luminaire Efficacy @ CRI>80, 4000K CCT	123lm/W	129lm/W	129lm/W	127lm/W	134lm/W	129lm/W	133lm/W	131lm/W
Lumen Output @ CRI>80, 4000K CCT	7,360lm	11,610lm	15,480lm	19,050lm	24,120lm	30,960lm	39,900lm	52,400lm
Lumen Maintenance (TM21 Reported)	L70B50 ≥36,000 hours @ Ta 49°C							
Lumen Maintenance (TM21 Calculated)	L70B50 ≥73,000 hours @ Ta 49°C							
Certification	CE, RoHS, CB, ErP, SAA, UL, DLC							
Product Warranty	5 Years							

Light Source and Photometric Parameters:

Chip Brand, Model, & Size	Nichia GRT-V3
Chip Efficacy @ CRI>70, 5000K CCT	157lm/W @ 150mA Rank P20
Light Emission	Direct
CCT	4000K, (5000K optional)
CRI	≥80, (≥70 optional)
Diffusers	Clear
Asymmetric Light Distribution	A1 (30x100°), A3 (80x100°), A4 (60x120°), D3 (Double 30° Optic), LRA1 (Left/Right Asymmetric Optic)

Electrical Parameters¹:

System Operating Power	60W	90W	120W	150W	180W	240W	300W	400W
Driver Brand	Mean Well							
Driver Model	HLG-60H	HLG-100H	HLG-120H	HLG-150H	HLG-185H	HLG-240H	HLG-320H	HLG-600H
Typical Driver Lifetime	62,000 hours							
Input Voltage	100-240VAC, 100-277VAC, 277-480VAC							
Input Frequency	50-60Hz							
Qty of Drivers per Light	1							
Inrush Current (Non-Dimming Driver)	55A	60A		65A	75A		70A	
Power Factor	>0.92							
THD	<15%							
Insulation Class	I							

Environmental Parameters:

IP Rating	IP20
IK Rating	IK08
Ambient Usage Tolerance	-30°C to 50°C
Ambient Storage Tolerance	-40°C to 70°C
Ambient Humidity Tolerance	15% to 90% RH

Physical/Mechanical Parameters:

Product Dimensions: LxWxH (mm)	336 x 307 x 61	621 x 307 x 61	906 x 307 x 61
Electrical Connection	1,500mm Cable		
Fixture Weight ²	3.1kg	6.9kg	10.5kg
Fixture Primary Material(s)	Aluminium Alloy, Tempered Glass, Polycarbonate		
Fixture Finish	Anodised		
Lens(es) Materials	UV Stabilised Polycarbonate		

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Dimming/Controls Parameters:								
Dimming Options	1-10V, DALI							
Built-in Controls	PIR Sensor, Microwave Sensor							
Compatible intelligent lighting systems	Wireless Controls and Monitoring							
Options/Accessories:								
Mounting Styles	Cable Suspended							
Miscellaneous Accessories	IP68 13A In-Line Connector							
Available Product Colours	White							

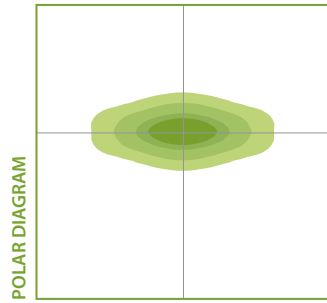
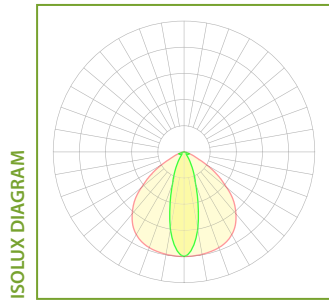
¹ Electrical Parameter data is for D1 drivers, unless otherwise stated
² Excludes bracketry. Refer to the Packaging Weights & Dimensions data sheet for bracketry and accessory weights

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. WEEE compliance reference code: WEE/MP3838PR/SCH. 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. ©2020 Kellwood Engineering Ltd. All rights reserved.

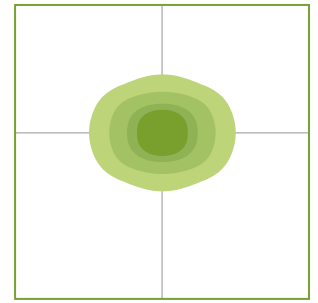
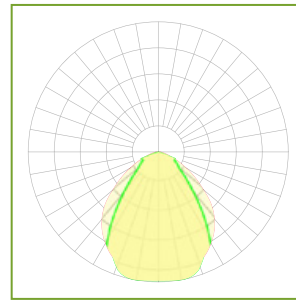
Please note - images shown are intended to be illustrative only. For exact data, please refer to specific product photometry, available for download from our website.

Indicative Product Photometry

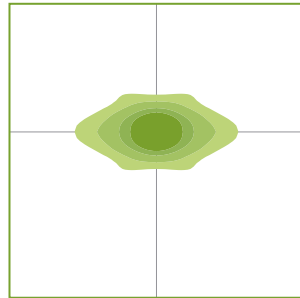
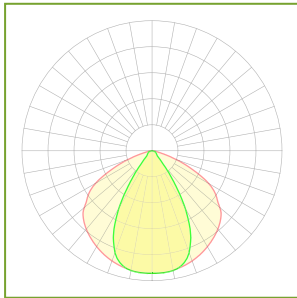
A1 Optic



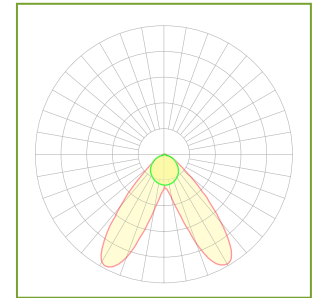
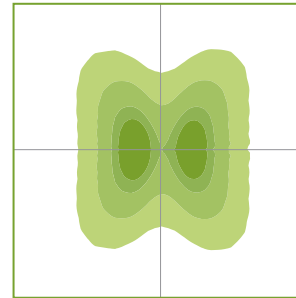
A3 Optic



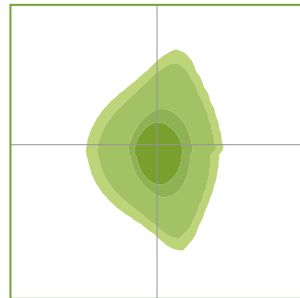
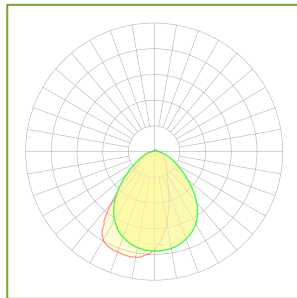
A4 Optic



D30 Optic



LRA1 Optic



Diffusers

This series is available with the following diffusers. Each diffuser will have a varying effect on photometric distribution and intensity. Please refer to downloadable photometrics for exact data.



Clear Optic (various beam angles)

Colourations on isolux diagrams are qualitative, i.e. the same colour on any two isolux diagrams will not necessarily have the same lux value.



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
HUM2	60 60W	740 CRI >70, 4000K	A1 30X100° RECTANGULAR	D1 NON-DIM	WH WHITE	P1 PIR SENSOR
	90 90W	750 CRI >70, 5000K	A3 80X100° RECTANGULAR	D2 1-10V		M1 MICROWAVE SENSOR
	120 120W	840 CRI >80, 4000K	A4 60X120° RECTANGULAR	D3 DALI		
	150 150W	850 CRI >80, 5000K	D3 DOUBLE 30° OPTIC			
	180 180W		LRA1 LEFT/RIGHT ASYMMETRIC			
	240 240W					
	300 300W					
	400 400W					

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

Product Ordering Code Examples:

HUM2-60-750-A1-D1-WH

HUM2-240-850-D3-D2-WH-M1

DRIVER MANUFACTURER			
POWER	D1	D2	D3
60 60W	Mean Well	Mean Well	Inventronics
90 90W	Mean Well	Mean Well	Inventronics
120 120W	Mean Well	Mean Well	Inventronics
150 150W	Mean Well	Mean Well	Inventronics
180 180W	Mean Well	Mean Well	Inventronics
240 240W	Mean Well	Mean Well	Inventronics
300 300W	Mean Well	Mean Well	Inventronics
400 400W	Mean Well	Mean Well	Inventronics

ACCESSORIES
JB1 IP68 13A IN-LINE CONNECTOR
JB1-(LENGTH IN METRES) IP68 13A IN-LINE CONNECTOR WITH CABLE TO REQUESTED LENGTH

