



The premium wall pack series configurable for use throughout commercial, industrial, marine, & municipal areas

Technical superiority -
15+ optic variants, weather proofing, salt water resistance, & L85 60,000 hours lifetime

CE, RoHS, UL, CUL, DLC, & CB international product marks

The most competitive, high-end solution for projects worldwide



Acton 3A Series Premium Wall Packs

CDN:SPEC146REV7

Technical Specifications Summary



Performance Summary:

Code (Series-Wattage/Size)	ACT3A-32	ACT3A-60
Nominal Power	30W	60W
Luminaire Efficacy @ CRI>70, 5000K CCT	136lm/W	141lm/W
Lumen Output @ CRI>70, 5000K CCT	4,128lm	7,800lm
Lumen Maintenance (TM21 Reported)	L90B10 ≥80,000 hours @ Tj 80°C, 25°C Ambient	
Lumen Maintenance (TM21 Calculated)	L80B10 ≥100,000 hours @ Tj 80°C, 25°C Ambient	
Certification	CE, RoHS, UL, CUL, DLC, CB	
Product Warranty	5 Years	

Light Source and Photometric Parameters:

Chip Brand, Model, & Size	Nichia 3532 NVSL219C
Chip Efficacy @ CRI>70, 5000K CCT	174lm/W @ 350mA @25°C
Light Emission	Direct
CCT	5000K, (3000K, 4000K, 5700K optional)
CRI	≥70, (≥80 optional)
SDCM	≤5
Diffusers	Clear, (Frosted optional)
Symmetric Light Distribution	10°, 25°, 40°, 60°, 90°, 120°, 150°
Asymmetric Light Distribution	IESNA Type 1M, 2M, 3M, 3L, 4S, 4M
Optical Accessories	Backspill guard

Electrical Parameters:

System Operating Power	30W	60W
Driver Brand	Philips	
Driver Model	Xitanium 929001402280	
Typical Driver Lifetime	100,000 hours @TCASE 70°C	
Input Voltage	220-240VAC	
Input Frequency	50-60Hz	
Qty of Drivers per Light	1	
Inrush Current Per Driver @ 230VAC measured at 50% Ipeak (Peak/Duration)	46A/440μs	
Recommended Lights per Circuit (16A Type B MCB)	≤11 pcs at Maximum Product Power Note: MCB may allow for an increased number of lights per circuit for the lower powered versions	
Power Factor	>0.9	
THD	<15%	
Insulation Class	Class I	
Surge Protection/Fusing	10kV, (20kV optional) TVS (Transient Voltage Suppressors on individual LED Modules)	

Environmental Parameters:

IP Rating	IP65, (IP66 optional)
IK Rating	IK10
Ambient Usage Tolerance	-40°C to 50°C
Ambient Storage Tolerance	-40°C to 50°C
Ambient Humidity Tolerance	10% to 90% RH

Technical Specifications Summary

Code (Series-Wattage/Size)	ACT3A-32	ACT3A-60
Physical/Mechanical Parameters:		
Product Dimensions: LxWxH (mm)	325 x 190 x 160	
Qty of LED Chips	18	36
Qty of Modules	1	2
Electrical Connection	Terminal Block or 800mm Cable	
Fixture Weight²	5.0kg	5.3kg
Fixture Primary Material(s)	Aluminium Alloy and Stainless Steel Fasteners	
Fixture Finish	AzkoNobel Powder Coated (Marine-Grade Optional)	
Lens(es) Materials	UV Stabilised Polycarbonate	
Dimming/Controls Parameters:		
Dimming Options	1-10V, DALI	
Built-in Controls	Photocell	
Compatible intelligent lighting systems	Wireless Controls and Monitoring	
Options/Accessories:		
Mounting Styles	Wall Mount	
Miscellaneous Accessories	Emergency	
Available Product Colours	Grey (RAL 7004), Black (RAL 9011), White (RAL 9010)	
Emergency Options Summary:		
Emergency Variant Code	E3R2	
Test Method	Remote-Test	
Style	Integrated - powering one LED module	
Output Power in Emergency Mode	5W	
Emergency Lumen Output @ 5000K CCT	688lm	
Emergency Correction Factor	0.138	N/A
IP Rating	IP67	
Emergency Switch Brand	Fulham	
Emergency Switch Model	FHS2-UNV-56S	
Battery Brand	Fulham	
Battery Model	FHSBATL6-1.5L	
Battery Chemical Composition	LiFePO4	
Battery Capacity	6000mAh	
Battery Output Voltage	11-56VDC	
Output Power Duration	3 hours	
Time to Charge	48 hours	
Ambient Product Usage Tolerance	0°C to 50°C	
Ambient Product Storage Tolerance	-20°C to 50°C	

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.

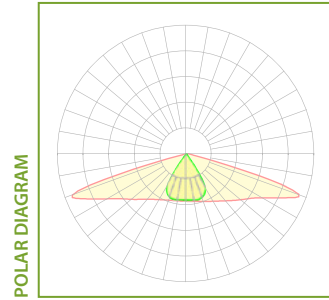
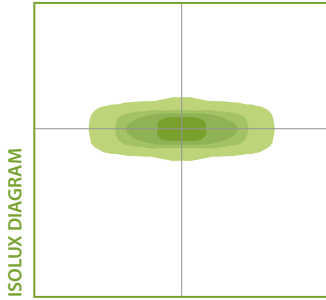
This datasheet & corresponding certification should be reviewed by a competent person to ensure project suitability.

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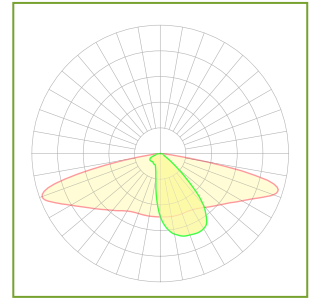
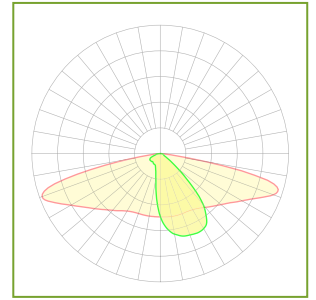
Please note - images shown are intended to be illustrative only. For exact data, please refer to specific product photometry, available for download from our website.

Indicative Product Photometry

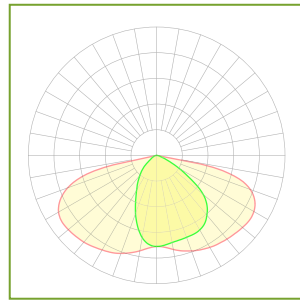
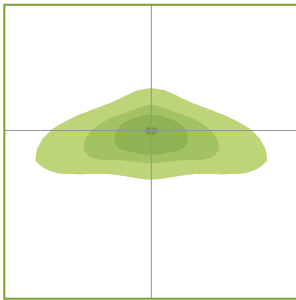
IESNA Type 1 Medium



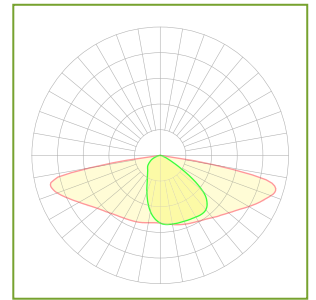
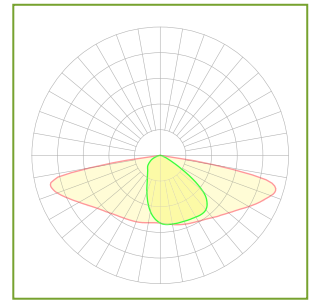
IESNA Type 2 Medium



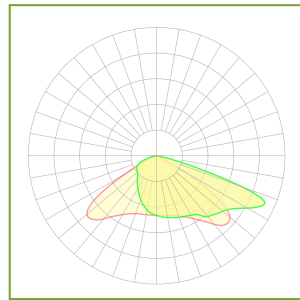
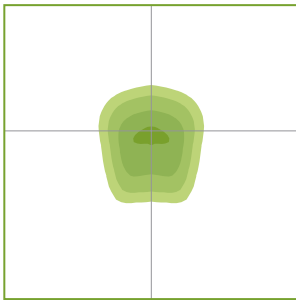
IESNA Type 3 Medium



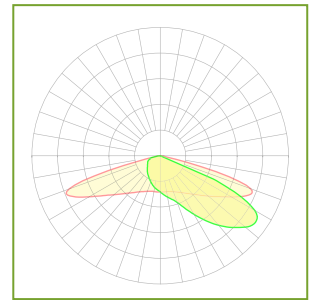
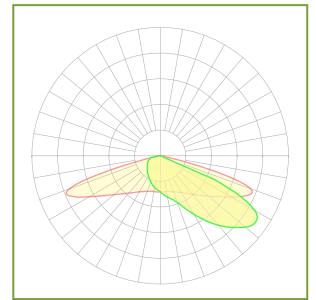
IESNA Type 3 Long



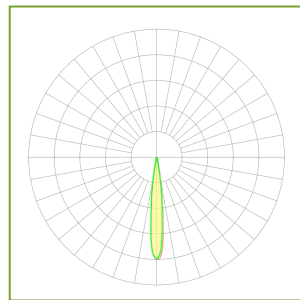
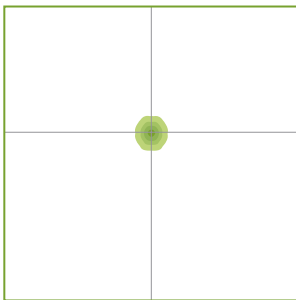
IESNA Type 4 Short



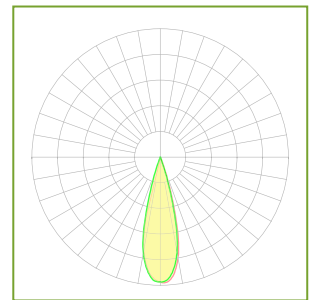
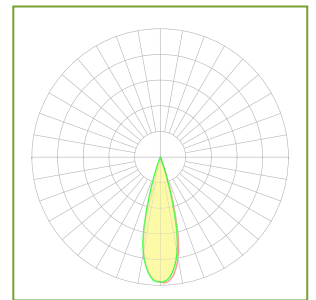
IESNA Type 4 Medium



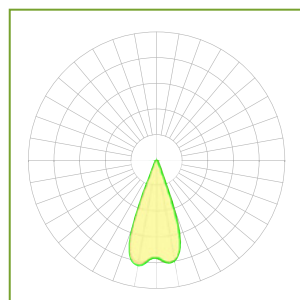
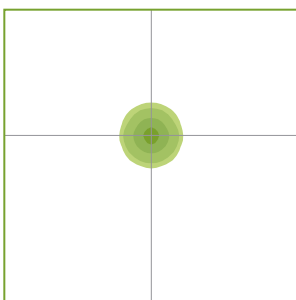
10° Optic



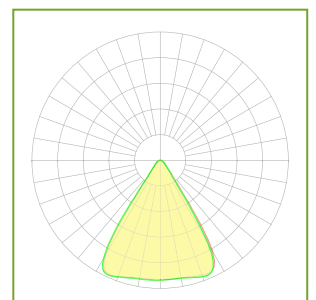
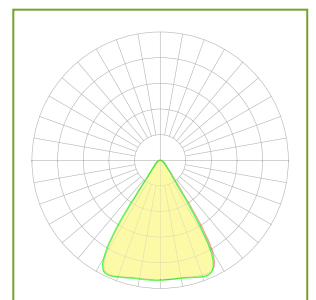
25° Optic



40° Optic



60° Optic

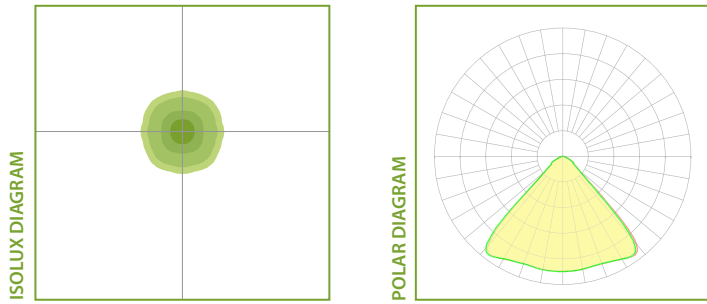


Colourations on isolux diagrams are qualitative, i.e. the same colour on any two isolux diagrams will not necessarily have the same lux value.

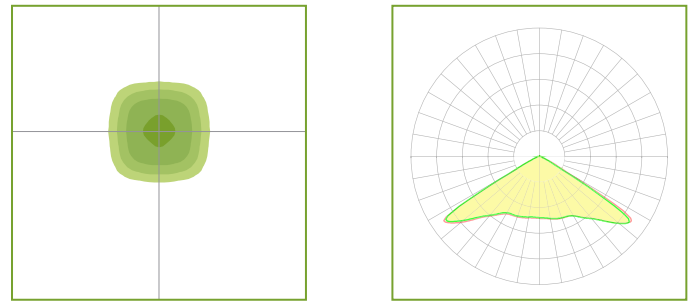
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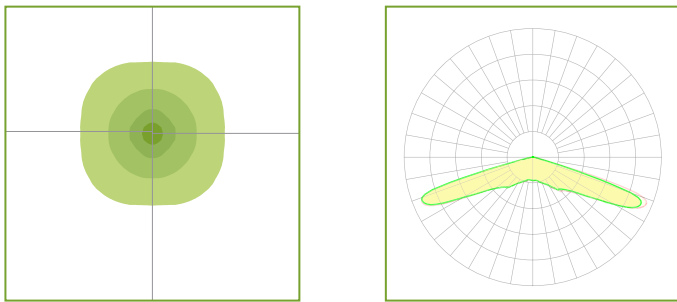
90° Optic



120° Optic



150° 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)



Frosted Diffuser (117°)

Backspill Guards

Optional backspill guards are available for the above Type 3 and Type 4 optics. These modify the light distribution to reduce/eliminate backward light trespass. An illustrative example is shown below:





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
ACT3A	32 32W	730 CRI >70, 3000K	2M IESNA TYPE II MEDIUM	D1 NON-DIM	GR GREY (RAL 7004)	E3R2² INTEGRATED 3 HOUR MAINTAINED EMERGENCY (REMOTE TEST) - OUTPUT 4.2W
	60 60W	740 CRI >70, 4000K	3M IESNA TYPE III MEDIUM	D2 1-10V	BL BLACK (RAL 9011)	BG BACKSPILL GUARD
		750 CRI >70, 5000K	3L IESNA TYPE III LONG	D3 DALI	WH WHITE (RAL 9010)	IP66 IP66 VARIANT
		757 CRI >70, 5700K	4S IESNA TYPE IV SHORT		GR2¹ GREY - MARINE GRADE	PH1 PHOTOCELL
		830 CRI >80, 3000K	4M IESNA TYPE IV MEDIUM		BL2¹ BLACK - MARINE GRADE	
		840 CRI >80, 4000K	10 10° CIRCULAR		WH2¹ WHITE - MARINE GRADE	
		850 CRI >80, 5000K	25 25° CIRCULAR			
		857 CRI >80, 5700K	40 40° CIRCULAR			
			60 60° CIRCULAR			
			90 90° CIRCULAR			
			120 120° CIRCULAR			
			150 150° CIRCULAR			
			FR FROSTED DIFFUSER			

Product Ordering Code Examples:

ACT3A-32-740-1M-D1-GR

ACT3A-60-750-40-D3-BL-E3R1-BG

DRIVER MANUFACTURER			
POWER	D1	D2	D3
32 32W	Philips	Philips	Philips
60 60W	Philips	Philips	Philips

CONTACT OUR OFFICE FOR FURTHER INFORMATION ON DRIVER PARAMETERS

¹ Upgraded AkzoNobel polyester powder coat for increased salt corrosion resistance.

² Emergency only available with 32W version.

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

