

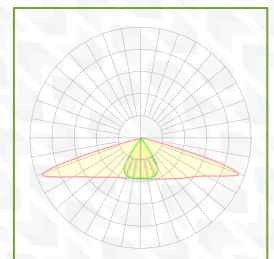
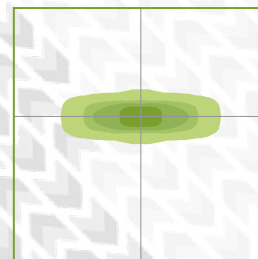


Dedicated emergency, 3 hour output, linear light fitting suitable for aisle and racking environments

>13 optical configurations & low-glare diffusers available - dedicated 3 hour emergency, & varied installation styles

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

The most competitive, high-end solution for projects worldwide



Drummond 3 Emergency Series **Warehouse - Aisle & Racking Emergency Light**

CDNSPEC181REV0

Technical Specifications Summary



Performance Summary:

Code (Series-Wattage/Size)	DRU3EM-4
Nominal Power	4W
Luminaire Efficacy @ CRI>70, 5000K CCT	129lm/W
Lumen Output @ CRI>70,5000K CCT	516lm
Certification	CE, RoHS, CB, UL, DLC
Product Warranty	5 Years

Light Source and Photometric Parameters:

Chip Brand, Model, & Size	Nichia 3535 NVSL219C
Chip Efficacy @ CRI>70, 5000K CCT	174lm/W @ 350mA @25°C
Light Emission	Direct
CCT	5000K,
CRI	≥70Ra
SDCM	≤5
Diffusers	Clear, Frosted
Symmetric Light Distribution	10°, 25°, 40°, 60°, 90°, 120°, 150°
Asymmetric Light Distribution	IESNA Type 1M, 2M, 3M, 3L, 4S, 4M
Optical Accessories	Frosted Diffuser

Electrical Parameters:

System Operating Power	5W
Input Voltage	100-240VAC
Input Frequency	50-60Hz
Power Factor	>0.95
THD	<20%
Surge Protection/Fusing	10kA TVS (Transient Voltage Suppressors on individual LED Modules)

Environmental Parameters:

IP Rating	IP67
IK Rating	IK08
Ambient Usage Tolerance	10°C to 30°C
Ambient Storage Tolerance	10°C to 30°C
Ambient Humidity Tolerance	10% to 90% RH

Physical/Mechanical Parameters:

Product Dimensions: LxWxH (mm)	291 x 81 x 88
Qty of LED Chips	18
Electrical Connection	800mm Cable
Fixture Weight ¹	2.6kg
Fixture Primary Material(s)	Aluminium Alloy and Stainless Steel Fasteners
Fixture Finish	AzkoNobel Powder Coated (Marine-Grade Optional)
Lens(es) Materials	UV Stabilised Polycarbonate

Technical Specifications Summary

Code (Series-Wattage/Size)	DRU3EM-5
Options/Accessories:	
Mounting Styles	Twin Surface Mount Brackets, Cable Suspension
Available Product Colours	Grey (RAL 7004), Black (RAL 9011), White (RAL 9010)
Emergency Options Summary:	
Emergency Variant Code	E3R1
Test Method	Remote-Test
Style	Integrated - powering one LED module
Output Power	4W
Emergency Lumen Output @ 5000K CCT	516lm
IP Rating	IP67
Emergency Switch Brand	BillDa
Emergency Switch Model	BLD-CM20E-480800-4W
Battery Chemical Composition	Li-ion
Battery Capacity	2500mAh
Battery Output Voltage	25-48VDC
Battery Cycles	>300
Output Power Duration	3 hours
Time to Charge	≥24 hours
Ambient Product Usage Tolerance	0°C to 40°C
Ambient Product Storage Tolerance	-0°C to 40°C

¹ 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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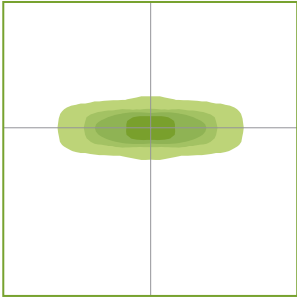


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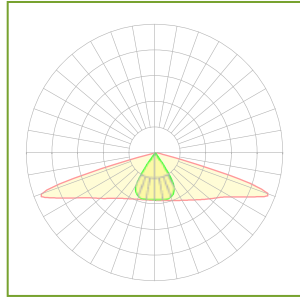
Indicative Product Photometry

IESNA Type 1 Medium

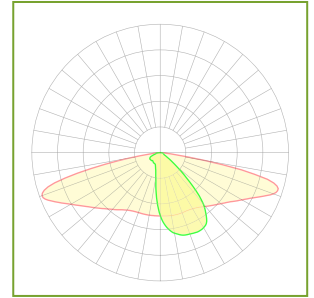
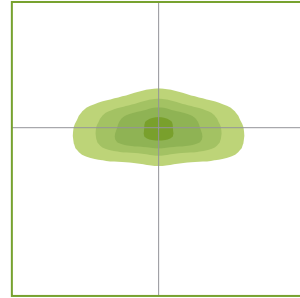
ISOLUX DIAGRAM



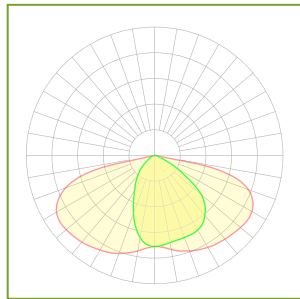
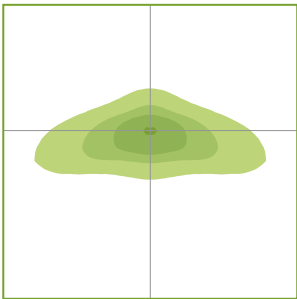
POLAR DIAGRAM



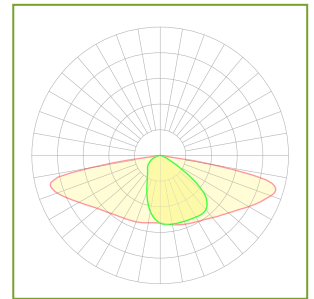
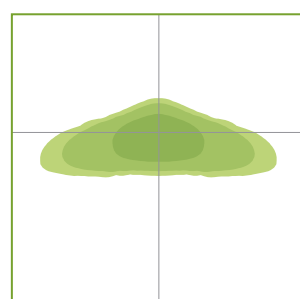
IESNA Type 2 Medium



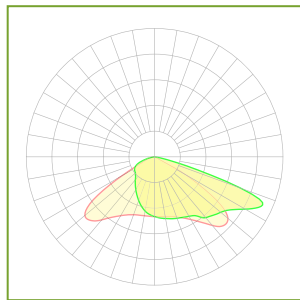
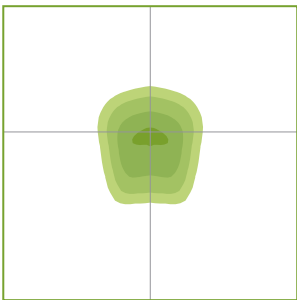
IESNA Type 3 Medium



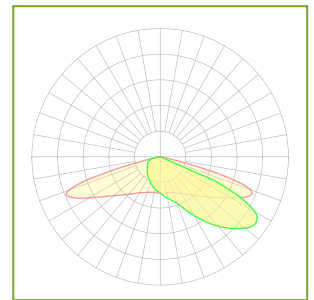
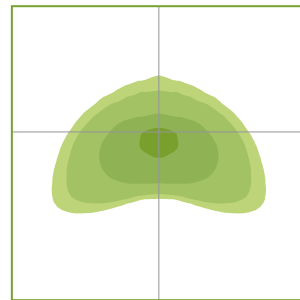
IESNA Type 3 Long



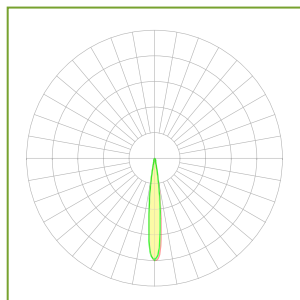
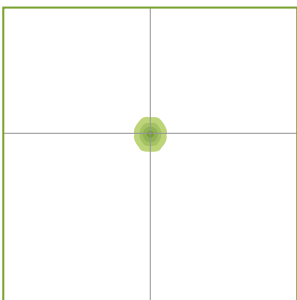
IESNA Type 4 Short



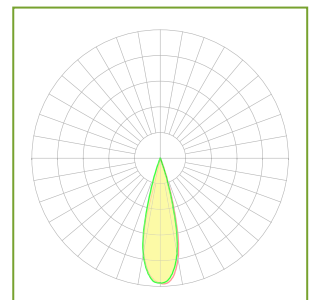
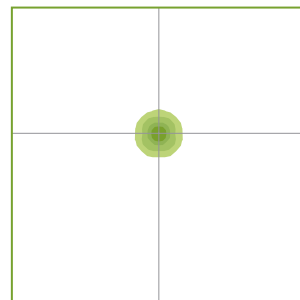
IESNA Type 4 Medium



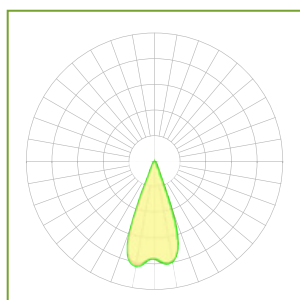
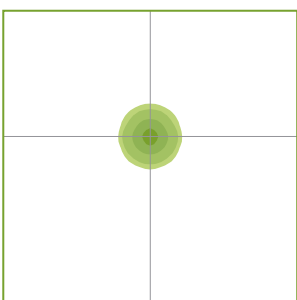
10° Optic



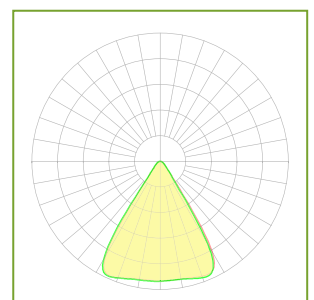
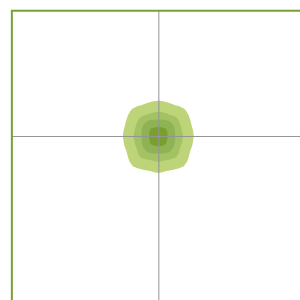
25° Optic



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.



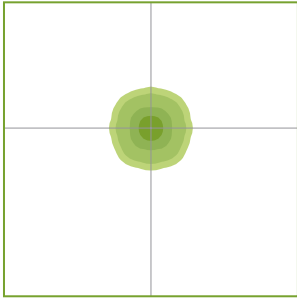


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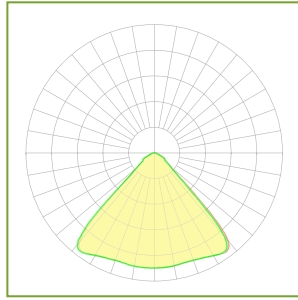
Indicative Product Photometry

90° Optic

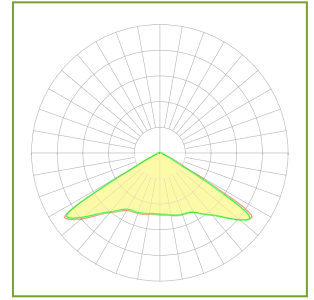
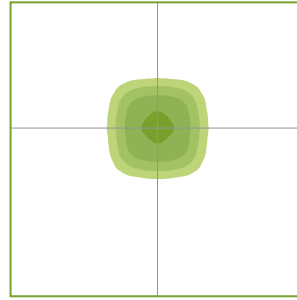
ISOLUX DIAGRAM



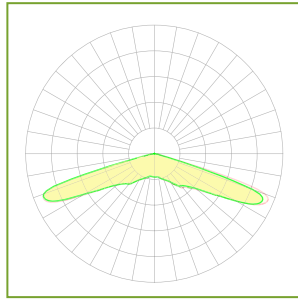
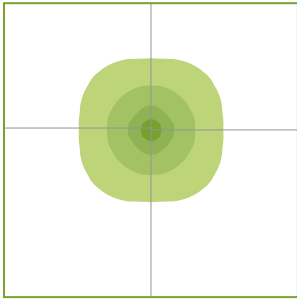
POLAR DIAGRAM



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°)





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



Product Ordering Codes

PRODUCT	OPTIC	MOUNTING	COLOUR
DRU3EM-4-NM-T1 4W NON-MAINTAINED	2M IESNA TYPE II MEDIUM	TM TWIN SURFACE MOUNT BRACKETS	GR GREY
	3M IESNA TYPE III MEDIUM		BL BLACK
	3L IESNA TYPE III LONG		WH WHITE
	4S IESNA TYPE IV SHORT		GR2¹ GREY - MARINE GRADE
	4M IESNA TYPE IV MEDIUM		BL2¹ BLACK - MARINE GRADE
	10 10° CIRCULAR		WH2¹ WHITE - MARINE GRADE
	25 25° CIRCULAR		
	40 40° CIRCULAR		
	60 60° CIRCULAR		
	90 90° CIRCULAR		
	120 120° CIRCULAR		
	150 150° CIRCULAR		
FR FROSTED DIFFUSER			

Product Ordering Code Examples:

DRU3EM-4-NM-T1-2M-TM-GR

DRU3EM-4-NM-T1-60-CS-BL2

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

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

