



Multi-purpose commercial track lights - Developed for turnkey coverage throughout commercial and public buildings, including offices, retail and atriums.

20W-50W family power range - 80-96mm product depths - 220-240VAC input - 350° Rotatable - Choice of optical lens variations - Quick-install design.

CE & RoHS, international product marks



## *Weston Series* *Universal Track Lights*

CDN:SPEC119REV1

# Technical Specifications Summary



## Performance Summary:

Code (Series-Wattage/Size)	WES-28B	WES-33B	WES-50C
Nominal Power	28W	33W	50W
Luminaire Efficacy @ CRI>90, 4000K CCT	95lm/W	92lm/W	90lm/W
Lumen Output @ CRI>90, 4000K CCT	2,660lm	2544lm	2544lm
Lumen Maintenance (TM21)	L70B50 ≥50,000 hours		
Certification	CE, RoHS		
Product Warranty	5 Years		

## Light Source and Photometric Parameters:

Chip Brand, Model, & Size	CITIZEN 711/1208
Light Emission	Direct
CCT	3000K, 4000K, 5000K
CRI	≥90
SDCM	≤3
Diffusers	Clear, Frosted
Symmetric Light Distribution	15°, 20°, 30°, 36°, 45°
Typical UGR <sup>1</sup>	≤19

## Electrical Parameters<sup>2</sup>:

System Operating Power	28W	33W	50W
Driver Brand	Philips		
Driver Model	Xitanium 32W	Xitanium 34W	Xitanium 50W
Input Voltage	220-240VAC		
Input Frequency	50-60Hz		
Power Factor	>0.9		
THD	<15% (220-240VAC)		

## Environmental Parameters:

IP Rating	IP20
IK Rating	IK05
Ambient Usage Tolerance	-20°C to 45°C
Ambient Storage Tolerance	-20°C to 60°C
Ambient Humidity Tolerance	15% to 90% RH

## Physical/Mechanical Parameters:

Product Dimensions: LxWxH (mm)	205 x 160 x 96	250 x 180 x 96
Electrical Connection	Terminal Block	
Fixture Weight <sup>3</sup>	2.0kg	2.2kg
Fixture Primary Material(s)	Aluminium Alloy	
Fixture Finish	Painted	
Lens(es) Materials	UV Stabilised PMMA	

# Technical Specifications Summary

Code (Series-Wattage/Size)	AR3A-30	AR3A-30	AR3A-30
<b>Dimming/Controls Parameters:</b>			
<b>Dimming Options</b>	1-10V, DALI		
<b>Compatible intelligent lighting systems</b>	Wireless Controls and Monitoring		
<b>Options/Accessories:</b>			
<b>Mounting Styles</b>	Tracking Rail		
<b>Available Product Colours</b>	White, Black		

<sup>1</sup> UGR varies with light distribution. For further details contact our office

<sup>2</sup> Electrical Parameter data is for D1 drivers, unless otherwise stated

<sup>3</sup> 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.

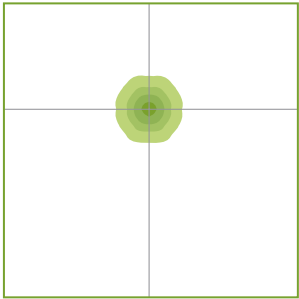
©2020 Kellwood Engineering Ltd. All rights reserved.

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.

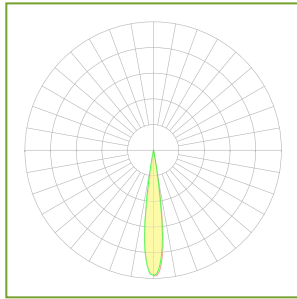
## Indicative Product Photometry

### 15° Optic

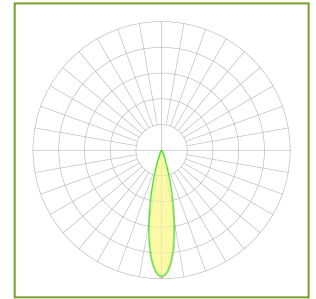
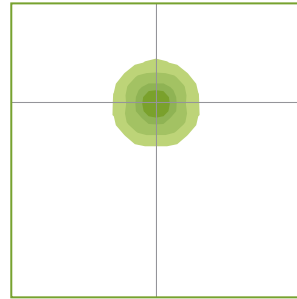
ISOLUX DIAGRAM



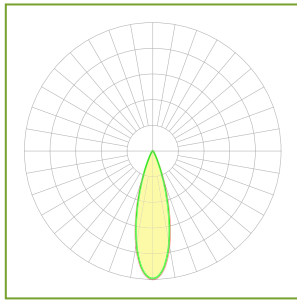
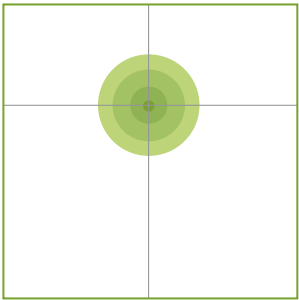
POLAR DIAGRAM



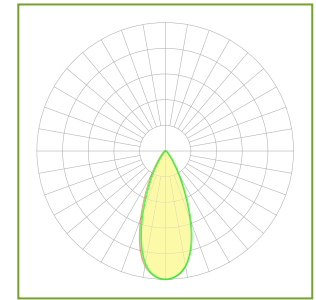
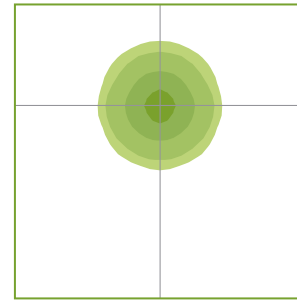
### 20° Optic



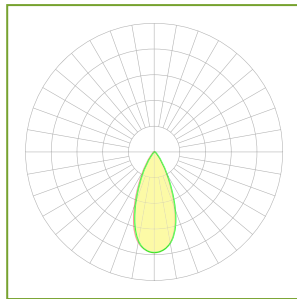
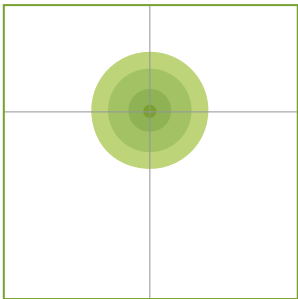
### 30° Optic



### 36° Optic



### 45° 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.



Frosted Cover

Images are illustrative of diffuser type only and not necessarily taken from this product series



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 & SIZE	CRI & CCT	OPTIC	DRIVER	MOUNTING OPTION	COLOUR
<b>WES</b>	<b>28B</b> 28W, 205x160x96mm	<b>930</b> CRI>90, 3000K	<b>15</b> 15° Circular	<b>D1</b> NON-DIM	<b>TR1</b> TRACK RAIL	<b>WH</b> WHITE
	<b>33B</b> 33W, 205x160x96mm	<b>935</b> CRI>90, 3500K	<b>20</b> 20° Circular	<b>D2</b> 1-10V		<b>BL</b> BLACK
	<b>50C</b> 50W, 250x180x96mm	<b>940</b> CRI>90, 4000K	<b>30</b> 30° Circular	<b>D3</b> DALI		
			<b>36</b> 36° Circular			
			<b>45</b> 45° Circular			

Product Ordering Code Examples:  
*WES-50C-930-36-D1-TR1-WH*

**GENERAL NOTES:**

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

DRIVER MANUFACTURER			
POWER	D1	D2	D3
<b>28B</b> 28W	<b>Philips</b>	<b>RX-Power</b>	<b>Osram</b>
<b>33B</b> 33W	<b>Philips</b>	<b>RX-Power</b>	<b>Osram</b>
<b>50C</b> 50W	<b>Philips</b>	<b>RX-Power</b>	<b>Osram</b>

**ACCESSORIES**

**CONTACT OFFICE**  
Contact us for bespoke requests

