



Colegio Directional LED Low Bay Range

Commercial Lighting



Data Sheet

Product Information

The KSR **Colegio Select Directional** Linear LED **Low Bay** fittings are suitable for a multitude of **Industrial, Commercial and Retail** applications. Supplied as 90 Deg beam Angle, the optional KSR98237 changeable lenses give you a narrower 60 Degree option, the wattage is selectable at the flick of a switch.

Complemented by the optional **Protective Grilles, PIR Sensor Kit & 0-10V Dimming Microwave Sensor**, both controlled via the **handheld remote**, this product provides an effective energy saving solution with high efficiency LED technology.

KSR98234 Fitted



KSR98230 C/W KSR98233



Product Features

- 5-year warranty
- Class I
- IP20
- IK10
- 4000K LED
- Suspension Mount Only
- 2 Sizes Covering Multiple Wattages from 55W up to 188W
- Up to 30250 Lumens
- Up to 163 Lumens per Watt
- CRI: >Ra80
- 90° Beam Angle as supplied
- Optional 60° Beam Lense's available – KSR98237
- Supplied with 1.5M Suspension Kit suitable for jack chain/carabiner clip
- Self-Test Emergency Available
- L70 – 40,000hrs

Product Specification

Product Code	Product Description	Wattage (W)	CCT (K)	Lumens (lm) <u>90° As Standard</u>	CRI (Ra)	Energy Efficiency Class	Lumens (lm) <u>with 60° Lense Covers fitted</u>
KSR98230	Colegio 2ft Select - 55W, 65W or 75W 4000K LED Directional Low Bay White	55W	4000K	8810lm	>80	D	8540lm
		65W		10410lm			10175lm
		75W		12255lm			11730lm
KSR98230/EM	Colegio 2ft Select - 55W, 65W or 75W 4000K LED Directional Low Bay Self-Test Emergency White	55W	4000K	8810lm	>80	D	8540lm
		65W		10410lm			10175lm
		75W		12255lm			11730lm
EM Mode				555lm			533lm
KSR98231	Colegio 2ft Select - 85W, 105W or 125W 4000K LED Directional Low Bay White	85W	4000K	13585lm	>80	D	13315lm
		105W		16710lm			16355lm
		125W		19350lm			19615lm
KSR98231/EM	Colegio 2ft Select - 85W, 105W or 125W 4000K LED Directional Low Bay Self-Test Emergency White	85W	4000K	13585lm	>80	D	13315lm
		105W		16710lm			16355lm
		125W		19350lm			19615lm
EM Mode				555lm			533lm
KSR98232	Colegio 4ft Select- 140W, 164W or 188W 4000K LED Directional Low Bay White	140W	4000K	22010lm	>80	D	21810lm
		164W		26125lm			25820lm
		188W		30250lm			29145lm
KSR98232/EM	Colegio 4ft Select- 140W, 164W or 188W 4000K LED Directional Low Bay Self-Test Emergency White	140W	4000K	22010lm	>80	D	21810lm
		164W		26125lm			25820lm
		188W		30250lm			29145lm
EM Mode				584lm			557lm

Control & Standard Accessories

Product Code	Product Description					
KSR98233	Colegio Grille Frame White (1 Piece Only – 2 Required for KSR98230 & KSR98231 - 4 Required for KSR98232)					
Product Code	Product Description	Detection Range	Recommended Mounting Heights	Time Delay	Lux Settings	Protection Class
KSR98234	Colegio PIR Sensor Kit	Ø20M	15M Max	1 Sec	2~50Lux	III
KSR98235	Colegio 0-10V Dimming Microwave Sensor Kit	Ø20M @ 8M	15M Max	1 Sec	2~50Lux	III
KSR98236	Colegio Remote Control Only for KSR98234 & KSR98235					
KSR98237	Colegio 60 Degree Changeable Lens (1 Piece Only - 4 Required for KSR98230 & KSR98231 - 8 Required for KSR98232)					

Technical Information

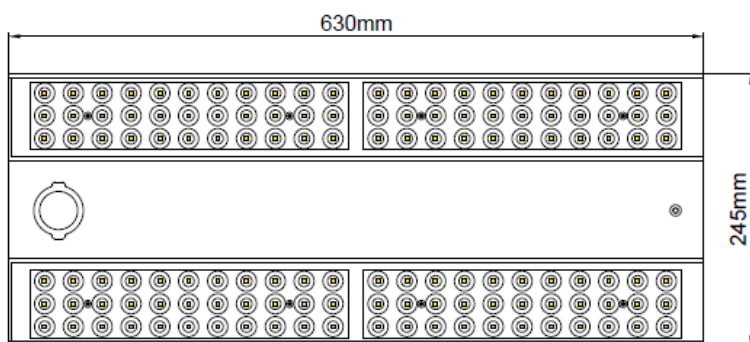
Technical Data	Colegio 2ft – 55W, 65W & 75W	Colegio 2ft – 85W, 105W & 125W	Colegio 4ft – 140W, 164W & 188W
Nominal voltage	200~240VAC	200~240VAC	200~240VAC
Operating frequency	50-60Hz	50-60Hz	50-60Hz
Circuit Wattage	55-75W including Driver Losses	85-121W including driver	138-188W including driver
Circuit Current	0.25-0.34A	0.383-0.538A	0.628-0.837A
Driver Current Rating	TBC	TBC	TBC
PFC	0.95	0.96	0.95
In Rush Current	TBC Max peak @ 0-40ms	TBC Max Peak @ 0-40ms	TBC Max Peak @ 0-40ms
Start Time	< 0.5 Sec	< 0.5 Sec	< 0.5 Sec
Ambient temperature range	0°C to +30°C	0°C to +30°C	0°C to +30°C
IP rating	20	20	20

Construction

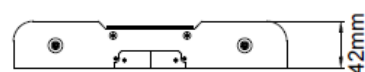
Body: Cast Aluminium
Lens: Polycarbonate

Product Dimensions

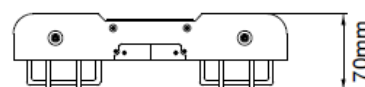
KSR98230-KSR98231



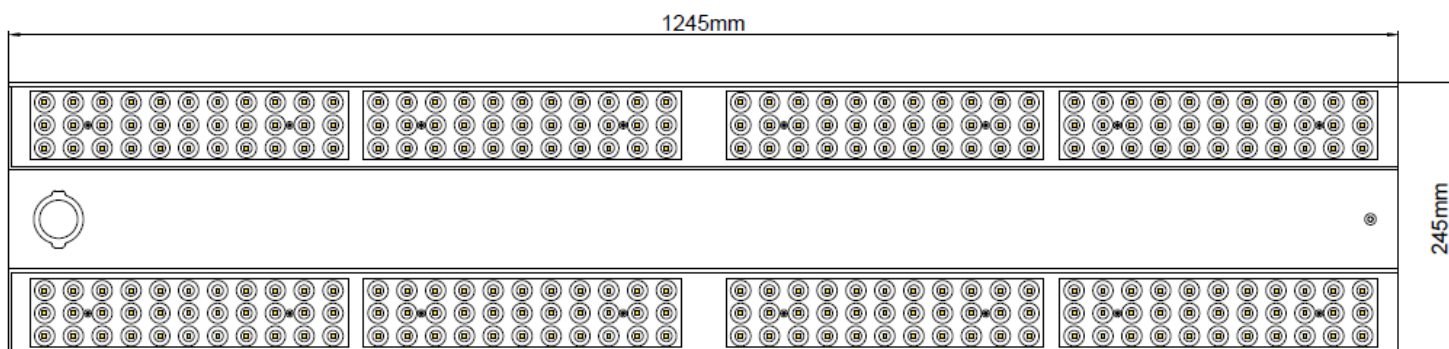
End View Without Grille



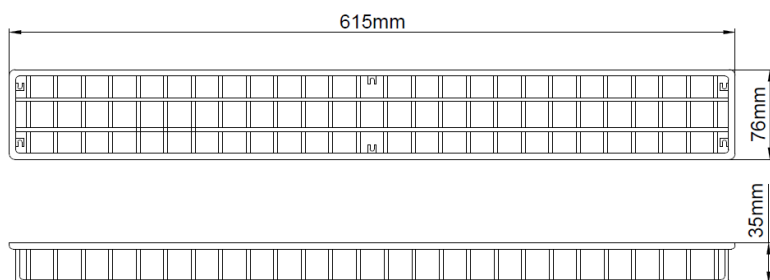
End View With Grille



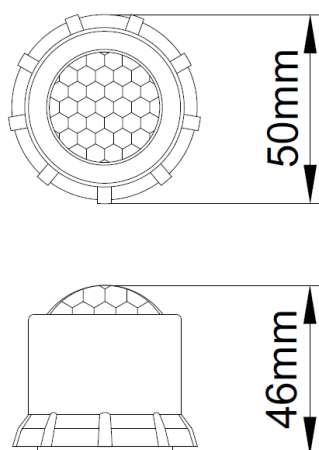
KSR98232



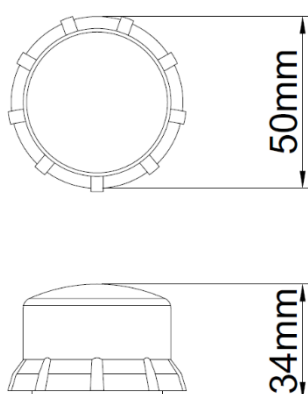
KSR98233



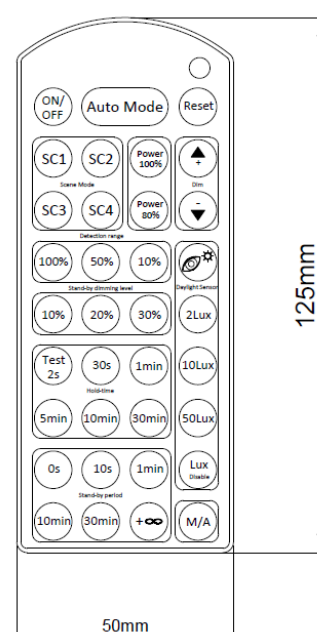
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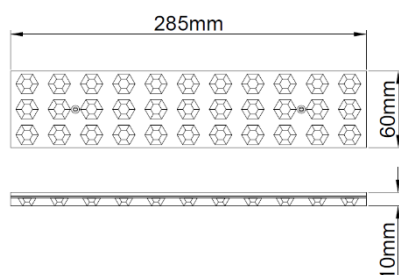
KSR98235



KSR98236



KSR98237



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