

# Academy Product Datasheet

Curved profile linear luminaire

## Product Data

Warranty	5 years
Applications	Interior
Certification(s)	UKCA, CE, RoHS

## Physical Data

Colour Finish	White
Luminaire Fixing	Surface mounted, suspended
Construction Material	Steel (plastic end caps)
Diffuser Type	Polycarbonate -TP(a) rated

## Electrical Data

Voltage Range	AC220-240V
Power Factor	>0.90
Inrush Current	<60A
Protection Class IEC	Class I

## Performance Data

°Kelvin	4000K
Efficacy	~111-125 Lm/W
Operating Temperature	-20°C to +45°C (0°C to 40°C for emergency)
Beam Angle	140°
Operating Hours	>50000
CRI	>85 Ra
IP Rating	IP20
IK Rating	IK08
Macadam Ellipse	≤4 sdc <sub>m</sub>
L70 B50	70,000 hours
L80 B50	50,000 hours
L90 B50	25,000 hours
LEDs	Epistar

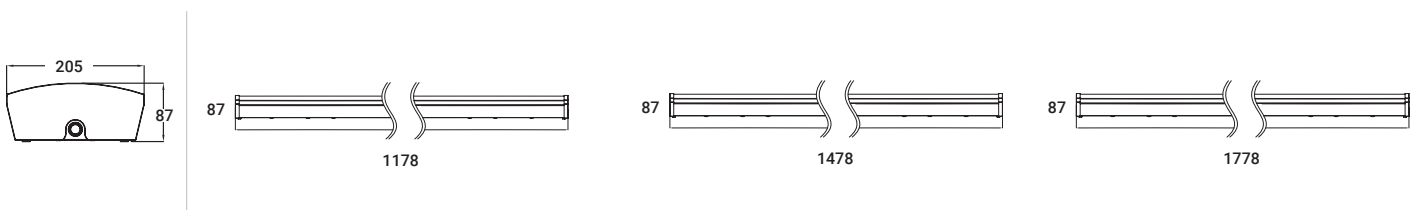
*Uniform light distribution and high efficacy*



## Part Codes

	Wattage	Lumens	Length (mm)	Unit Weight (kg)	Running Current
R250012/20W	20W	2416	1178	2.7	600mA
R250012/40W	40W	4812	1178	2.7	1000mA
R250015/30W	30W	3619	1478	3.4	750mA
R250015/60W	60W	7226	1478	3.4	1600mA
R250018/40W	40W	4818	1778	4.4	1000mA
R250018/68W	68W	8145	1778	4.4	1.8mA

## Dimensions (mm)



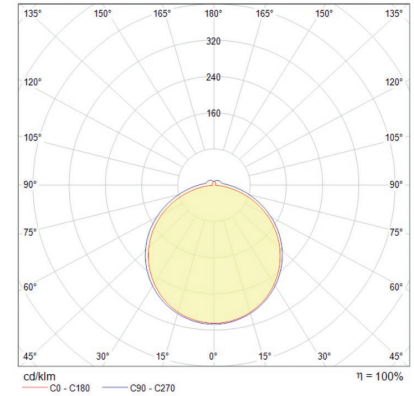
## Academy Family

**Part Codes:** R250012, R250015, R250018

Suffix	Option	
/W	20,30,40, 60 or 68W	1 <sup>st</sup> Add wattage suffix
/DD	DALI dimming	} 2 <sup>nd</sup> Add dimming suffix
/DL	0-10V dimming	
/DSI	DSI dimming	
/MW	Microwave sensor	3 <sup>rd</sup> Add sensor suffix
/E	Integral Emergency	} 4 <sup>th</sup> Add emergency suffix
/DDPRO	DALI Addressable Emergency	

**Example:** **R250012/20W/DD/E**  
Academy 1.2m 20W with a DALI driver and emergency

### Light Distribution:



## Academy add on items

Part code	Option
R28-01	1.5m suspension kit for Adademy /Orion

