

ACTWELL

LIGHTING



TECHNICAL INFORMATION
AW9784PL ACADEMY 48

APPLICATION AREA



Aged Care



Child Care



Commercial



Educational Facilities



Sports Centers



Hospitals



Retail



Corridors



Transportation



Infrastructure



Industrial Areas



Libraries



Laboratories



Actwell Trading reserves the right to make revisions and updates.
If you have any enquiries please consult an Actwell Lighting Representative



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PRODUCT NAME	
ACADEMY 48	
Description	The Academy Series encompasses cutting-edge componentry tailored for task environments, particularly educational applications. The series offer high light transmittance, even distribution, low glare, and durability with high impact resistance. Additional options allow for motion sensors and dimming options.
Materials	Microprismatic Polycarbonate IK10 Diffuser, Steel Body and Housing, Steel Suspension Wiring
Dimensions	Length: 1500mm, Width:157mm, Height: 56mm
Driver	Integral LED Driver
Luminaire Details	48W SMD LED, 3000K/4000K/5700K Tricolour Options, CRI>90, Beam Angle: 120°, SDCM<3, UGR<19. 5750 Lumens, 4870 Luminaire Luminous Flux at 4000K. Lumen Efficacy: 120Lm/W.
Ratings	IP44 IK10
Rated Life	5yr Warranty L80 B10: 72,000hrs <i>Environmentally Sustainable Replaceable LED Module</i> <i>Environmental Impact: Luminaire > 95% Recyclable, Fitting Under Actwell Revitalisation Program to Refit Parts to End Waste</i>
Installation	Ceiling Mounted or Suspended

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ORDER CODE

AW9784PL-(Colour Finish)-(Temperature)-(Dimming)-(Installation)-(Motion Sensor)

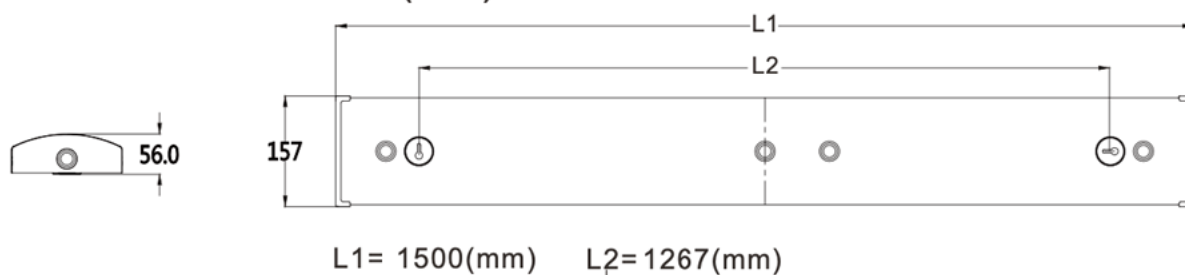
Example: AW9784PL-WH-3K-ND-CM-PIR

OPTIONS

Colour Finish	Temperature	Dimming	Installation	Motion Sensor
WH (White)	3K (3000K)	ND (Non-Dim)	CM (Ceiling Mounted)	PIR
BK (Black)	4K (4000K)	11 (1-10V)	SS (Suspended)	Micro wave Sensor
	5.7K (5700K)	DD (DALI-Dim)	WM (Wall Mounted)	
		ON/OFF		
		CCT Tunable		

DIMENSION LINE DIAGRAM

Size: L1 × 157.0 × 56.0 (mm)



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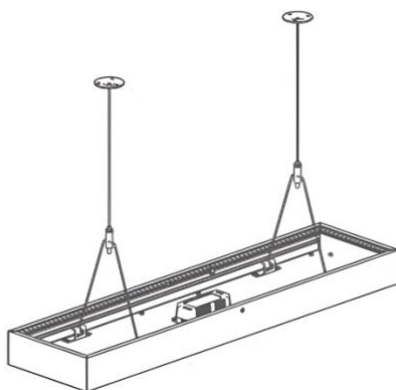
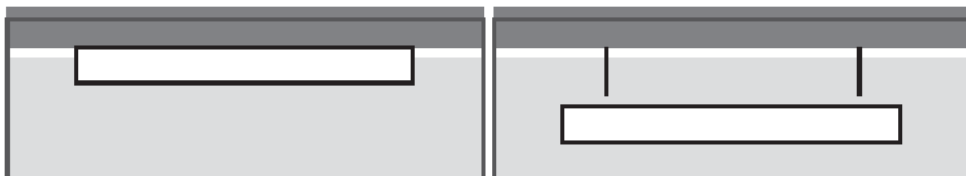


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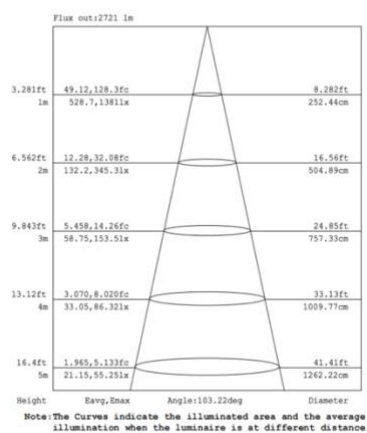
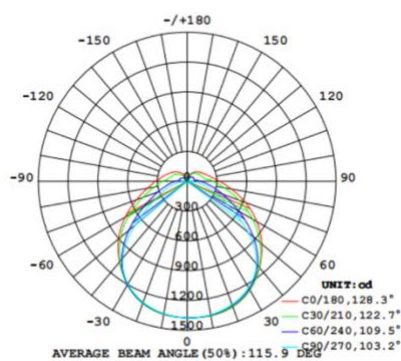
INSTALLATION



PHOTOMETRICS

1200mm luminance-Distance Curve

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



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Size: L1×157.0×56.0(mm)

L1=600/1200/1500(mm) L2=367/967/1267(mm)

1 Prohibited to unlock the end cap in the centre

2 remove diffuser

3 Optional/Diffusion film

4 CCT Switch
CW NW WW
CCT & Power adjustable

5

6 IP44

7 IP40

driver fixed option1:

power plug

fix driver by screw

driver fixed option2:

Stud - nut locking

Clamp - screw

sensor module position

Stud - nut locking

PCB component anti-detachment mechanism

When facing upwards/anti-slip removed

When facing downwards/PCB removed

PCB-001/Removable status

PCB-002/Removable status

Component replacement

Chassis components

4PCS

PCB bracket assembly

locking screw

locking screw

X 2st

X 2st

X 2st

X 2st

L2

L2=667/967/1267(mm)

Linkable

Dimmable

DMX

5 series

DMX/CC

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PRODUCT APPLICATION PHOTOS

