

ACADEMY ULTRA

Product Features

- 100,000-hour performance backed by a 7-year warranty, delivering exceptional longevity and reduced maintenance costs
- Two body sizes with selectable lumen outputs via integrated dip switch technology, achieving up to 140 lm/W
- Precision-formed steel housing, polyester powder-coated in RAL 9016, complete with securely fixed polycarbonate endcaps
- Microprismatic polycarbonate diffuser with UGR ≤ 19 , ensuring controlled light distribution and enhanced visual comfort
- Designed for surface or suspended installation, featuring BESA compatibility and central cable entry for efficient and streamlined mounting

100K
Hours

4000K
NEUTRAL
WHITE

UGR
<19

LUCECO
PLATFORM
 WIRELESS LIGHTING CONTROLS

>80
CRI

>90
CRI

7
YEAR
Warranty

Bluetooth
 (PIR version)

(optional)

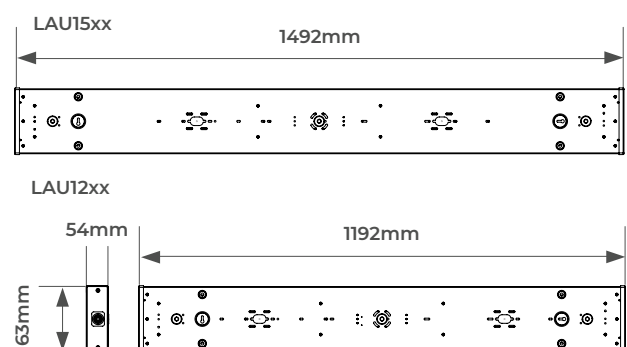


CAT NO.	DRIVER	LUMINAIRE LUMENS	WATTAGE	LM/W	SIZE (MM)
LAU12WS40	Fixed Output	2200-4200	16-30	140	1190
LAU12WE40	Fixed Output + Emergency (Self Test Switchable)	2200-4200	16-30	140	1190
LAU12W22LPW40PIR	Luceco Platform Wireless + PIR	2200	16	138	1190
LAU12W42LPW40PIR	Luceco Platform Wireless + PIR	4200	30	140	1190
LAU12W22ELPW40PIR	Luceco Platform Wireless + PIR + Emergency (Self Test Switchable)	2200	16	138	1190
LAU12W42ELPW40PIR	Luceco Platform Wireless + PIR + Emergency (Self Test Switchable)	4200	30	140	1190
LAU15WS40	Fixed Output	3200-5000	23-36	139	1490
LAU15WE40	Fixed Output + Emergency (Self Test Switchable)	3200-5000	23-36	139	1490
LAU15W32LPW40PIR	Luceco Platform Wireless + PIR	3200	23	139	1490
LAU15W50LPW40PIR	Luceco Platform Wireless + PIR	5000	36	139	1490
LAU15W32ELPW40PIR	Luceco Platform Wireless + PIR + Emergency (Self Test Switchable)	3200	23	139	1490
LAU15W50ELPW40PIR	Luceco Platform Wireless + PIR + Emergency (Self Test Switchable)	5000	36	139	1490

PRODUCT OPTIONS	
DALI Dimmable	Insert D , eg. LAU12W22 D 40
CRI90	Insert 9 , eg. LAU12W22S 9 40
Luceco Platform Wireless	Insert LPW , eg. LAU12W22 LPW 40
Luceco Platform Wireless Emergency	Insert ELTLPW , eg. LAU12W22 ELTLPW 40
DALI Addressable Emergency	Insert DED , eg. LAU12W22 DED 40

PRODUCT ACCESSORIES	
LAUSUS	Replacement Suspension Kit
LAUCAP	Replacement End Cap (Pair)

Product Drawing

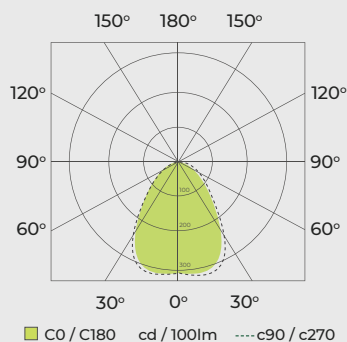


CAT NO.	WEIGHT	EFFICACY	CRI	FREQUENCY	IK RATING	TEMP RANGE (°C)	L/B RATED LIFE
LAU12WS40	3.5kg	140	>80	50-60	IK05	0 to 25	L80B10
LAU12WE40	3.8kg	140	>80	50-60	IK05	0 to 25	L80B10
LAU12W22LPW40PIR	3.8kg	138	>80	50-60	IK05	0 to 25	L80B10
LAU12W42LPW40PIR	3.8kg	140	>80	50-60	IK05	0 to 25	L80B10
LAU12W22ELPW40PIR	4.1kg	138	>80	50-60	IK05	0 to 25	L80B10
LAU12W42ELPW40PIR	4.1kg	140	>80	50-60	IK05	0 to 25	L80B10
LAU15WS40	4kg	139	>80	50-60	IK05	0 to 25	L80B10
LAU15WE40	4.3kg	139	>80	50-60	IK05	0 to 25	L80B10
LAU15W32LPW40PIR	4.3kg	139	>80	50-60	IK05	0 to 25	L80B10
LAU15W50LPW40PIR	4.3kg	139	>80	50-60	IK05	0 to 25	L80B10
LAU15W32ELPW40PIR	4.6kg	139	>80	50-60	IK05	0 to 25	L80B10
LAU15W50ELPW40PIR	4.6kg	139	>80	50-60	IK05	0 to 25	L80B10

LAU12xx Luminaire Performance

Light Output Ratio: 100%
 Luminaire Efficacy: 138 lm/W
 Light Distribution: A50 99.8% 0.2%
 CIE Flux Codes: 64 88 97 100 67
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90: 17.2 / 18

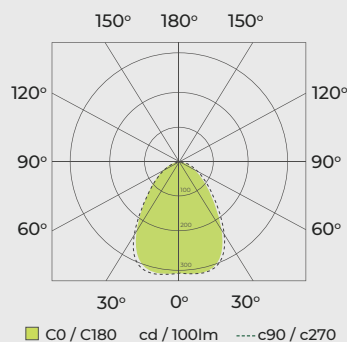
Luminous Intensity



LAU15xx Luminaire Performance

Light Output Ratio: 100%
 Luminaire Efficacy: 139 lm/W
 Light Distribution: A50 99.8% 0.2%
 CIE Flux Codes: 63 88 97 100 67
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90: 17 / 18.3

Luminous Intensity



STANDARD	DESCRIPTION
EN 60598-1	Luminaires – General requirements
EN 60598-2-2	Luminaires – Recessed
EN 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: Limits – for harmonic current emissions
EN 61000-3-3	Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
EN 61547	Equipment for general lighting purposes – EMC immunity requirements
EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment

