

ACADEMY

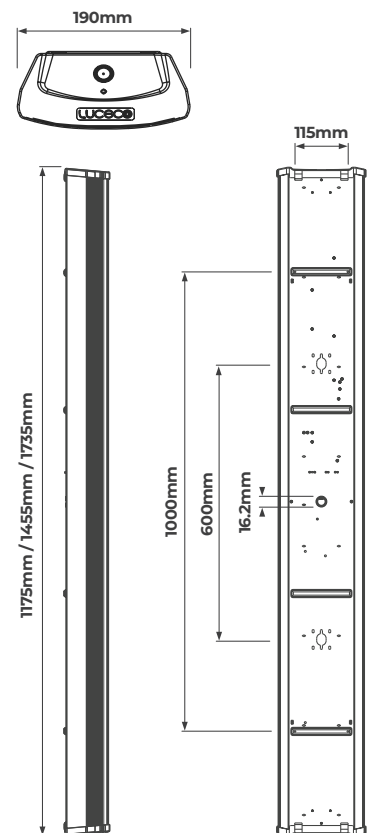
Product Features

- White painted steel body finished in RAL9016 with microprism polycarbonate opal diffusers. Polycarbonate secured endcaps
- Three body sizes with low and high output options and uniform light distribution. High and low output available with efficacy up to 130 lm/cw
- Surface or suspension mounted with **BESA** fixing and central cable entry



CAT NO.	DRIVER	LUMINAIRE LUMENS	WATTAGE	EFFICACY lm/cw	SIZE (MM)
LAC12P22S40	Fixed Output	2200	17W	129	1260
LAC12P22E40	Fixed Output + Emergency	2200	17W	129	1260
LAC12P22D40	Digital Dimmable	2200	17W	129	1260
LAC12P22ED40	Digital Dimmable+ Emergency	2200	17W	129	1260
LAC12P40S40	Fixed Output	4000	31W	129	1260
LAC12P40E40	Fixed Output + Emergency	4000	31W	129	1260
LAC12P40D40	Digital Dimmable	4000	31W	129	1260
LAC12P40ED40	Digital Dimmable+ Emergency	4000	31W	129	1260
LAC15P32S40	Fixed Output	3200	25W	128	1560
LAC15P32E40	Fixed Output + Emergency	3200	25W	128	1560
LAC15P32D40	Digital Dimmable	3200	25W	128	1560
LAC15P32ED40	Digital Dimmable+ Emergency	3200	25W	128	1560
LAC15P60S40	Fixed Output	6000	46W	130	1560
LAC15P60E40	Fixed Output + Emergency	6000	46W	130	1560
LAC15P60D40	Digital Dimmable	6000	46W	130	1560
LAC15P60ED40	Digital Dimmable+ Emergency	6000	46W	130	1560
LAC18P45S40	Fixed Output	4500	35W	128	1825
LAC18P45E40	Fixed Output + Emergency	4500	35W	128	1825
LAC18P45D40	Digital	4500	35W	128	1825
LAC18P45ED40	Digital Dimmable + Emergency	4500	35W	128	1825
LAC18P80S40	Fixed Output	8000	62W	129	1825
LAC18P80E40	Fixed Output + Emergency	8000	62W	129	1825
LAC18P80D40	Digital Dimmable	8000	62W	129	1825
LAC18P80ED40	Digital Dimmable + Emergency	8000	62W	129	1825

Product Drawing



PRODUCT OPTIONS

Microwave Sensor	Insert MW , eg. LAC12P22S40 MW
Emergency Microwave	Insert E and MW eg. LAC12P22E40 MW
Lite IP Connectivity	Insert W , eg. LAC12P22 W 40
Lite IP Connectivity with PIR Sensor	Insert W , eg. LAC12P22 W 40 PIR

To Specify:

Surface linear luminaire with efficacy up to 130lm/cw. White painted steel body and secured endcaps with textured microprism polycarbonate opal diffuser for reduced glare.

CAT NO.	WEIGHT (kg)	L FIXING CENTRE (mm)	W FIXING CENTRE (mm)	CRI	FREQUENCY (Hz)	SDCM	UGR	IK RATING	TEMP RANGE (°C)	AMBIENT TEMP RATED LIFE (°C)	L/B RATED LIFE
LAC12P22S40	3.7	1000	115	>80	50 - 60	<3	<19	IK04	-20 to +25	25	L80 / B10
LAC12P22E40	4	1000	115	>80	50 - 60	<3	<19	IK04	0 to +25	25	L80 / B10
LAC12P22D40	3.8	1000	115	>80	50 - 60	<3	<19	IK04	-20 to +25	25	L80 / B10
LAC12P22ED40	4.1	1000	115	>80	50 - 60	<3	<19	IK04	0 to +25	25	L80 / B10
LAC12P22S40MW	3.8	1000	115	>80	50 - 60	<3	<19	IK04	-20 to +25	25	L80 / B10
LAC12P40S40	3.7	1000	115	>80	50 - 60	<3	<22	IK04	-20 to +25	25	L80 / B10
LAC12P40E40	4	1000	115	>80	50 - 60	<3	<22	IK04	0 to +25	25	L80 / B10
LAC12P40D40	3.8	1000	115	>80	50 - 60	<3	<22	IK04	-20 to +25	25	L80 / B10
LAC12P40ED40	4.1	1000	115	>80	50 - 60	<3	<22	IK04	0 to +25	25	L80 / B10
LAC12P40S40MW	3.8	1000	115	>80	50 - 60	<3	<22	IK04	-20 to +25	25	L80 / B10
LAC15P32S40	4.7	1000	115	>80	50 - 60	<3	<19	IK04	-20 to +25	25	L80 / B10
LAC15P32E40	5	1000	115	>80	50 - 60	<3	<19	IK04	0 to +25	25	L80 / B10
LAC15P32D40	4.8	1000	115	>80	50 - 60	<3	<19	IK04	-20 to +25	25	L80 / B10
LAC15P32ED40	5.1	1000	115	>80	50 - 60	<3	<19	IK04	0 to +25	25	L80 / B10
LAC15P32S40MW	4.8	1000	115	>80	50 - 60	<3	<19	IK04	-20 to +25	25	L80 / B10
LAC15P60S40	4.7	1000	115	>80	50 - 60	<3	<21	IK04	-20 to +25	25	L80 / B10
LAC15P60E40	5	1000	115	>80	50 - 60	<3	<21	IK04	0 to +25	25	L80 / B10
LAC15P60D40	4.8	1000	115	>80	50 - 60	<3	<21	IK04	-20 to +25	25	L80 / B10
LAC15P60ED40	5.1	1000	115	>80	50 - 60	<3	<21	IK04	0 to +25	25	L80 / B10
LAC15P60S40MW	4.8	1000	115	>80	50 - 60	<3	<21	IK04	-20 to +25	25	L80 / B10
LAC18P45S40	5.3	1000	115	>80	50 - 60	<3	<19	IK04	-20 to +25	25	L80 / B10
LAC18P45E40	5.6	1000	115	>80	50 - 60	<3	<19	IK04	0 to +25	25	L80 / B10
LAC18P45D40	5.4	1000	115	>80	50 - 60	<3	<19	IK04	-20 to +25	25	L80 / B10
LAC18P45ED40	5.7	1000	115	>80	50 - 60	<3	<19	IK04	0 to +25	25	L80 / B10
LAC18P45S40MW	5.4	1000	115	>80	50 - 60	<3	<19	IK04	-20 to +25	25	L80 / B10
LAC18P80S40	5.3	1000	115	>80	50 - 60	<3	<21	IK04	-20 to +25	25	L80 / B10
LAC18P80E40	5.6	1000	115	>80	50 - 60	<3	<21	IK04	0 to +25	25	L80 / B10
LAC18P80D40	5.4	1000	115	>80	50 - 60	<3	<21	IK04	-20 to +25	25	L80 / B10
LAC18P80ED40	5.7	1000	115	>80	50 - 60	<3	<21	IK04	0 to +25	25	L80 / B10
LAC18P80S40MW	5.4	1000	115	>80	50 - 60	<3	<21	IK04	-20 to +25	25	L80 / B10

LAC12P22S40
Luminaire Performance
 Light Output Ratio: 100%
 Luminaire Efficacy: 114.47 lm/W
 Light Distribution: B31 ± 88.8% ± 11.2%
 CIE Flux Codes: 41 71 90 89 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90:

Luminous Intensity

■ C0 / C180 cd / 100lm c90 / c270

LAC15P32S40
Luminaire Performance
 Light Output Ratio: 100%
 Luminaire Efficacy: 116.14 lm/W
 Light Distribution: B31 ± 89.3% ± 10.7%
 CIE Flux Codes: 42 72 91 89 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90:

Luminous Intensity

■ C0 / C180 cd / 100lm c90 / c270

LAC18P45S40
Luminaire Performance
 Light Output Ratio: 100%
 Luminaire Efficacy: 113.46 lm/W
 Light Distribution: B31 ± 88.8% ± 11.2%
 CIE Flux Codes: 41 71 90 89 100
 UGR 4H 8H
 (20%, 50%, 70%) C0 / C90:

Luminous Intensity

■ C0 / C180 cd / 100lm c90 / c270

STANDARD	DESCRIPTION
EN 60598-1	Luminaires – General requirements
EN 60598-2-1	Luminaires – Fixed general purpose
EN 60598-2-22	Luminaires – Emergency
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

