

Product Specification Sheet

Aureol Fresco Flood



The Aureol Fresco Flood is a specialist lighting tool for display and commercial lighting applications.

Providing an even wash of light from a wide choice of light sources the Aureol Fresco Flood is the ideal wall washer or subject flood.

Features

The body is engineered from a combination of aluminium pressure die castings and extrusions, no exposed screws or sharp edges. All power cables are internal to yoke and body.

Visually smooth asymmetric beam that can be used for individual subject lighting or in combination to provide a visually even wash of light.

Wide choice of both light mains and low voltage (12V) light sources allows for the required light level without the need for dimming and consequential degradation of colour rendering.

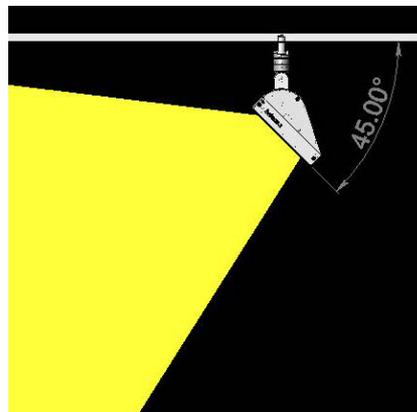
Light sources and precision designed reflector are recessed into the luminaire housing for best glare control commensurate with the flood angles provided.

Positive pan and tilt adjustment with allen screw lock off.

Accessories – colour filter holder for glass or plastic filter; four flap bamdoors to shape / mask the light beam, available to match luminaire colour or with the flap interior finished in black.

Approvals

Conforms to international standards.



Mounting options

Universal track three circuit track adapter.

Ceiling mount plate, ridged 80mm diameter x 20mm deep.

Other track adapters (including North America – Nokia - Global, Lightolier) able to be fitted.

1.0m cable tail from top of yoke mount spindle (available with black cable only).



Ceiling rose mount



Track adapter

Mains and Low Voltage models

Mains Voltage

100 – 250V. 79mm linear halogen lamps, maximum 150W.
60W, 75W, 100W versions also available.

Low Voltage

Either two 50W or 20W capsule lamps. Electronic power supply, lightweight, energy efficient, provides voltage regulation with integral on board dimmer allows light level control at the fitting as well as being controlled by external dimmer.

Important note

The Aureol L.V. Fresco Flood is designed as a wall washer for demanding quality light level applications such as museums and galleries – the 40W unit providing 50 Lux and the 100W unit providing approximately 100 Lux on a 3m high wall with the luminaires positioned 1.2m from the wall. Multiple units are required to obtain a visually even wash of light. A single Aureol L.V. Fresco Flood operated on its own displays a double side cut off line due to the two 12V capsule light sources.

If bamdoors are fitted a similar effect on the side flaps will be noticed.



Order codes and weights

Product Code	Description	Weight
ARLFLT ##	Aureol Fresco Flood with mains voltage and track adapter. Maximum lamp: 150W (not included).	0.5kg
ARLFLC ##	Aureol Fresco Flood with mains voltage and ceiling base mount. Maximum lamp: 150W (not included).	0.525kg
ARLFL40T ##	Aureol L.V. Fresco Flood - 220-240V. 12V – 40W. Track adapter. (2x 12V 20W lamps supplied).	0.75kg
ARLFL100T ##	Aureol L.V. Fresco Flood - 220-240V. 12V – 100W. Track adapter. (2x 12V 50W lamps supplied).	0.75kg
ARLFL40C ##	Aureol L.V. Fresco Flood - 220-240V. 12V – 40W. Ceiling Base. (2x 12V 20W lamps supplied).	0.775kg
ARLFL100C ##	Aureol L.V. Fresco Flood 220-240V 12V 100W. Ceiling Base. (2x 12V 50W lamps supplied).	0.775kg
ARLFLCFH ##	Aureol Fresco Flood colour filter holder (plastic or glass).	
ARLFLBD ##	Aureol Fresco Flood barndoor including filter holder.	
ARLFLBD0103	Aureol Fresco Flood barndoor including filter holder - white exterior / black interior.	
ARLFLBD0203	Aureol Fresco Flood barndoor including filter holder - silver exterior / black interior.	

Please replace ## with the 2 digit code representing the colour finish required: 01 = white, 02 = silver grey, 03 = black.

White = PANTONE® 11-4800
Blanc de Blanc

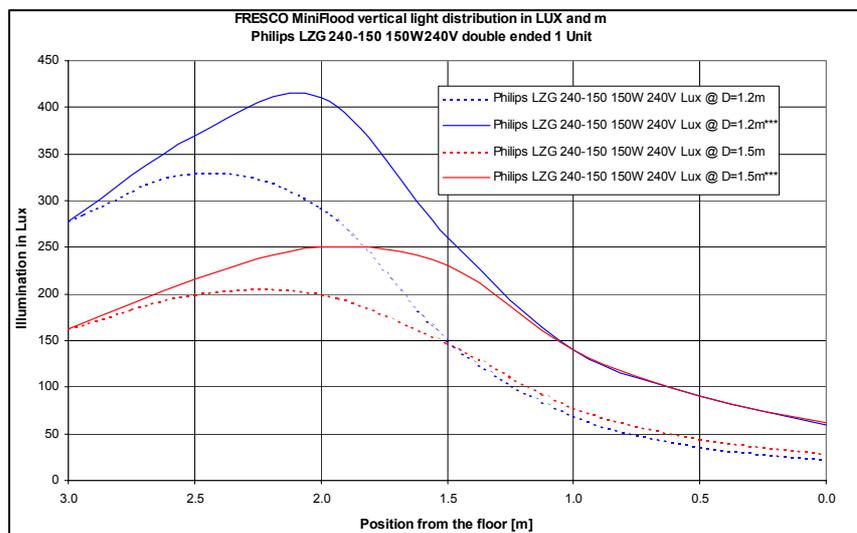
Performance data – single mains voltage unit

Distance from the wall = 1.2m and 1.5m

NOTE: * The Luxmeter tilted towards the lightsource**

Height (in m)	Philips LZG 240-150 150W 240V Lux @ D=1.2m	Philips LZG 240-150 150W 240V Lux @ D=1.2m***	Philips LZG 240-150 150W 240V Lux @ D=1.5m	Philips LZG 240-150 150W 240V Lux @ D=1.5m***
3	278	278	163	163
2.5	330	370	200	216
2	292	410	200	250
1.5	150	260	147	230
1	70	140	78	140
0.5	36	91	45	90
0	22	60	28	62

Note: Typical performance figures are illustrated for both a single Aureol Fresco Flood unit and for the combined output of three units as used to create a wall wash effect with luminaires positioned at 1.5m centres located 1.2m from the wall.



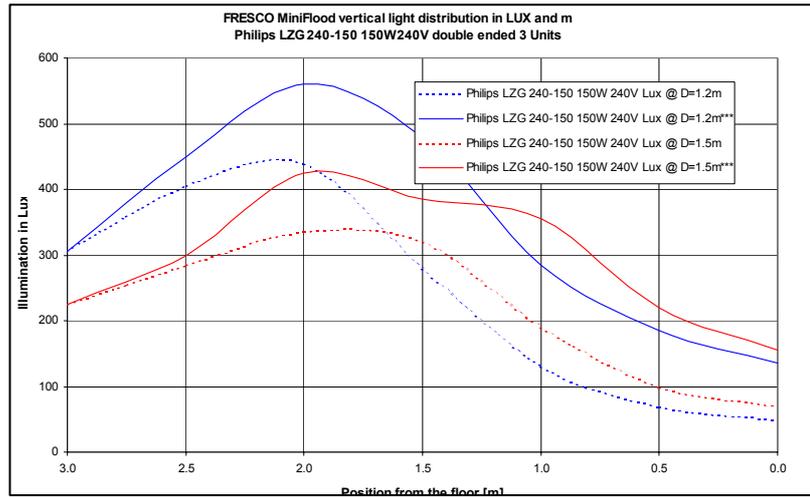


Performance data – 3x mains voltage units

Distance from the wall = 1.2m and 1.5m

NOTE: * The Luxmeter tilted towards the lightsource**

Height (in m)	Philips LZG 240-150 150W 240V Lux @ D=1.2m	Philips LZG 240-150 150W 240V Lux @ D=1.2m***	Philips LZG 240-150 150W 240V Lux @ D=1.5m	Philips LZG 240-150 150W 240V Lux @ D=1.5m***
3	305	305	225	225
2.5	405	450	285	300
2	440	560	335	425
1.5	280	480	320	385
1	130	285	190	355
0.5	70	185	100	220
0	50	135	70	155

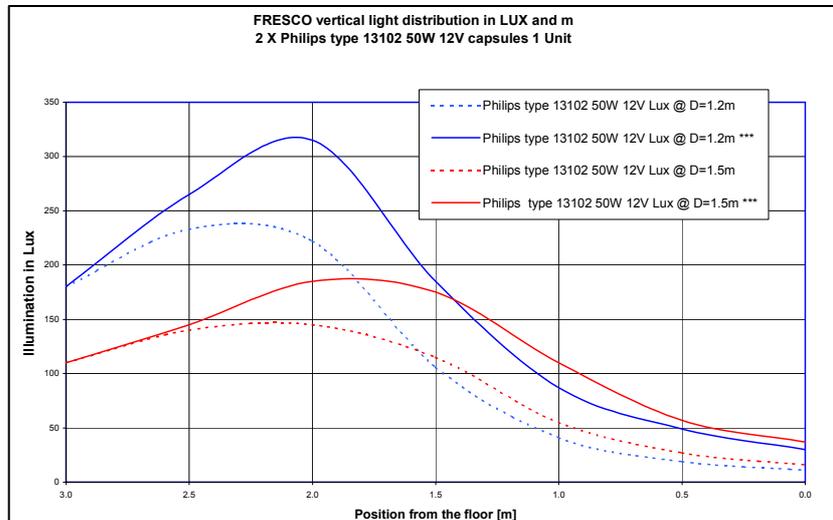


Performance data – single low voltage unit

Distance from the wall = 1.2m and 1.5m

NOTE: * The Luxmeter tilted towards the lightsource**

Height (in m)	Philips type 13102 50W 12V Lux @ D=1.2m	Philips type 13102 50W 12V Lux @ D=1.5m	Philips type 13102 50W 12V Lux @ D=1.2m ***	Philips type 13102 50W 12V Lux @ D=1.5m ***
3	180	110	180	110
2.5	233	140	265	145
2	222	145	315	185
1.5	106	115	185	175
1	41	55	87	110
0.5	19	27	49	57
0	11	16	30	37





Performance data – 3x low voltage units

Distance from the wall = 1.2m and 1.5m

NOTE: * The Luxmeter tilted towards the lightsource**

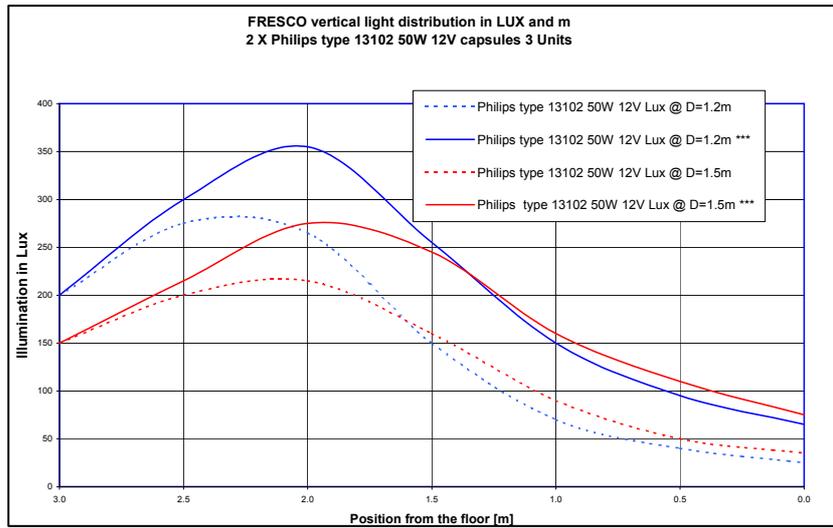
Height (in m)	Philips type 13102 50W 12V Lux @ D=1.2m	Philips type 13102 50W 12V Lux @ D=1.5m	Philips type 13102 50W 12V Lux @ D=1.2m ***	Philips type 13102 50W 12V Lux @ D=1.5m ***
3	200	150	200	150
2.5	275	200	300	215
2	265	215	355	275
1.5	150	160	255	245
1	70	90	150	160
0.5	40	50	95	110
0	25	35	65	75

Reduction factor for lower wattage lamps:

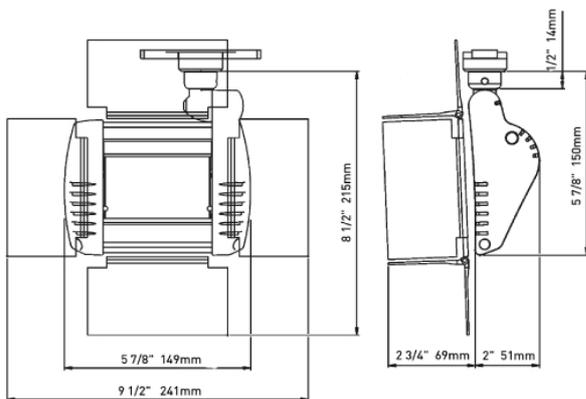
100W x 0.66

75W x 0.50

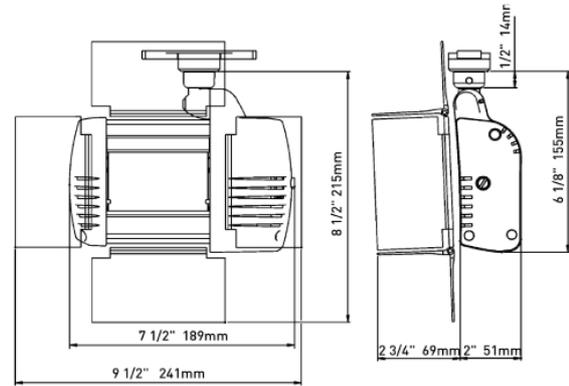
60W x 0.40



Physical data



Mains voltage model



Low voltage model

Selecon reserves the right to change this product specification without notice (05/08).