

Wave LED presents a flowing silhouette that softens the ceiling line while delivering comfortable brightness, energy efficiency and a full range of flexible options.

This luminaire comes with an undulating central lens and lateral diffusers that contribute to its distinctive appearance. The convex center lens uses the high-transmission VL Optic™ with a satin finish to provide both visual comfort and high efficiency. The concave side diffusers create balanced luminosity.

The optional Micro Slot central lens, which includes a translucent frosted acrylic overlay, evenly illuminates vertical surfaces while shielding the light source from view.

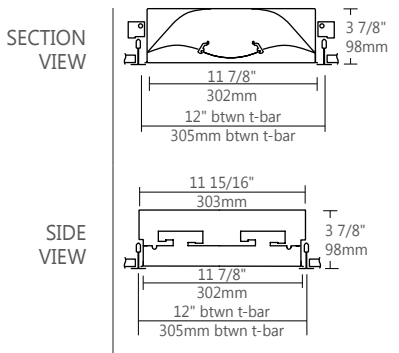
Boasting efficiencies up to 87%, Wave LED delivers ample illumination, while remaining well under Title 24, New York City Building Code and ASHRAE 90.1 lighting power allowances. Integrated Controls options help reduce energy consumption further still.

MAIN PRODUCT SPECIFICATIONS

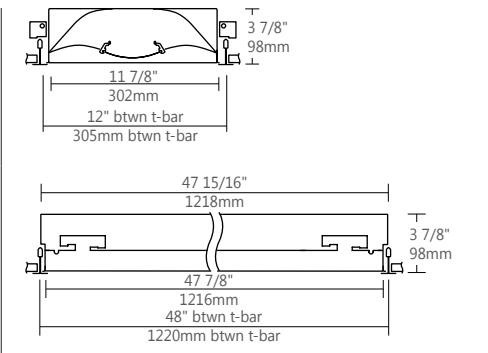
1	PRODUCT ID	2	SIZE	3	VERSION	4	NOMINAL LUMENS	5	COLOR TEMP.	6	SHIELDING
WALED	wave led	11	1'X1'	B2	B2 (factory preset)	900	900 lm	30	3000k	VL	vl optics
		14	1'X4'			1200	1200 lm		3500k		
		22	2'X2'			2500	2500 lm		4000k		
		24	2'X4'			3000	3000 lm	40			
						4000	4000 lm				
						4500	4500 lm				
						5000	5000 lm				
						7000	7000 lm				

For complete luminaire specification sheets, please visit our web site at www.axislighting.com

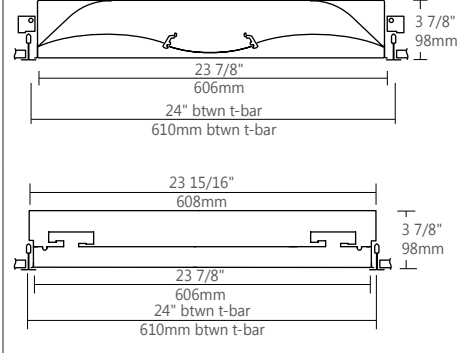
DIMENSIONS



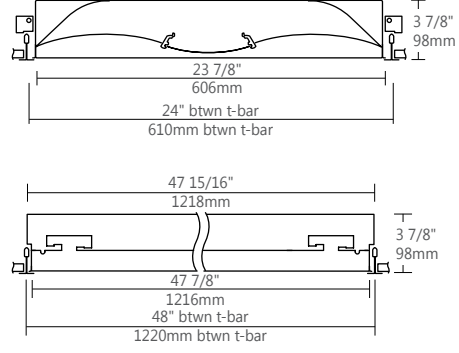
Wave 1'X1' recessed



Wave 1'X4' recessed



Wave 2'X2' recessed



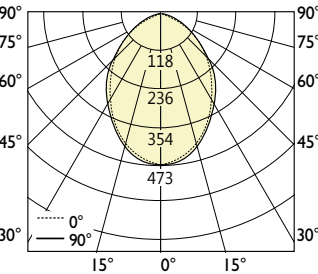
Wave 2'X4' recessed

PERFORMANCES AT 4000K

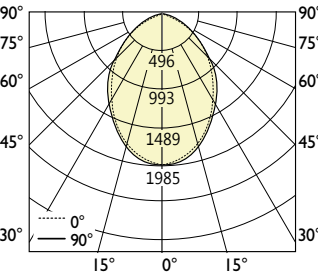
DIMENSION	NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
1'X1'	900 lm	13.47 w	66.8 lm/w
1'X1'	1200 lm	18.55 w	64.7 lm/w
1'X4'	4000 lm	48.43 w	82.6 lm/w
1'X4'	5000 lm	62.89 w	79.5 lm/w
2'X2'	2500 lm	27.17 w	92 lm/w
2'X2'	3000 lm	33.52 w	89.5 lm/w
2'X4'	4500 lm	45.14 w	99.7 lm/w
2'X4'	7000 lm	73.84 w	94.8 lm/w

Please refer to individual size specification sheets for all available options.

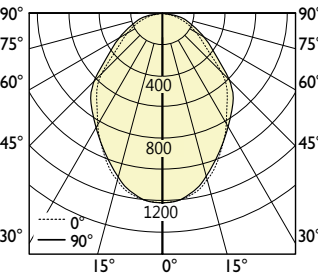
PHOTOMETRICS



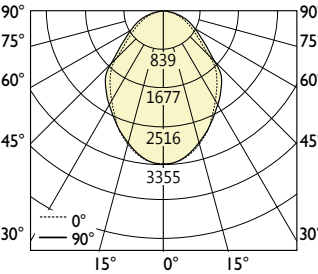
Wave 11 LED
Luminaire Lumens: 900 lm
Input Watts: 13.47 w
Efficacy: 66.8 lm/w
IES FILE:WALED-11-B2-900-40-VL.ies



Wave 14 LED
Luminaire Lumens: 4000 lm
Input Watts: 48.43 w
Efficacy: 82.6 lm/w
IES FILE:WALED-14-B2-4000-40-VL.ies



Wave 22 LED
Luminaire Lumens: 2500 lm
Input Watts: 27.17 w
Efficacy: 92 lm/w
IES FILE:WALED-22-B2-2500-40-VL.ies



Wave 24 LED
Luminaire Lumens: 7000 lm
Input Watts: 73.84 w
Efficacy: 94.8 lm/w
IES FILE:WALED-24-B2-7000-40-VL.ies

CONSTRUCTION

- Housing** Die formed cold rolled sheet steel (20 ga)
- Central Lens Housing** Extruded aluminum (0.060" nominal)
- Lens** Spotless clear acrylic lens
- Side lens** 0.08" PMMA satin blend
- Reflectors** Die formed cold rolled sheet steel (22 ga)
- Interior Brackets** Die formed cold rolled sheet steel (20 ga)
- Surface Mount Kit** Extruded aluminum (0.070" nominal)

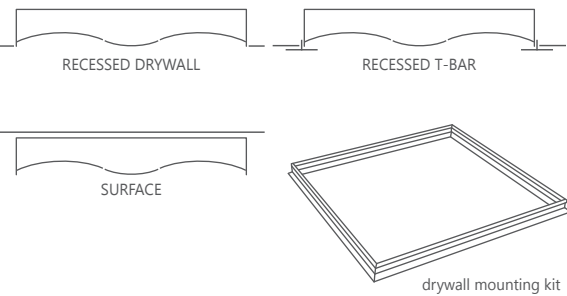
ELECTRICAL

- LED** Use of OptimaLED technology based on mid-flux LED
- Input Voltage** 120V, 277V, UNV.
- Driver** Dimming, HiLume, EcoSystem, DALI,
- CRI** Minimum 80 color rendering index
- CCT** Choice of 3000k, 3500k and 4000k color temperature with a great color consistency (within 3.5-step MacAdam ellipse).
- LED life** Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
- Thermal management** Aluminium housing acting as the heat spreader to maximize life.
- Emergency** Emergency battery pack or emergency circuit optional.

i All LED-related data in this document is valid as at June 2012. Given the fast pace of LED developments, up-to-date LED info is available on our website at www.axislighting.com.

MOUNTING OPTIONS

The bottom surface of the luminaire is flush with the ceiling tiles.
For drywall ceilings, a mounting kit is provided to support the luminaire in the ceiling opening.



FINISH

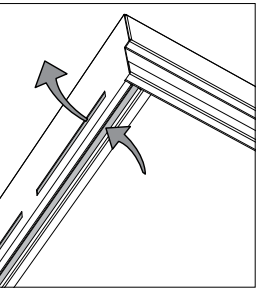
Highly reflective, matte powder coat white paint for high efficiency. Matte texture to diffuse glare and lamp image on the surface within the optical chamber exterior. Custom finishes are also available.

SHIELDING OPTIONS



SO spotless lens

AIR RETURN



The air return option consists of discreet slots along the sides of the luminaire. These slots allow air to exhaust into the plenum and eliminate the need for unsightly air return grilles, creating a clean and well organized ceiling.

