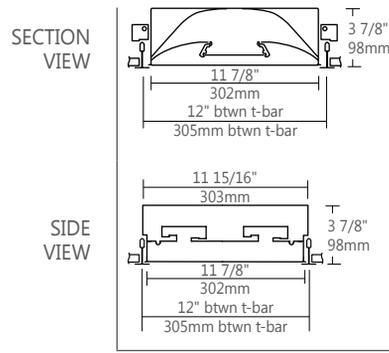
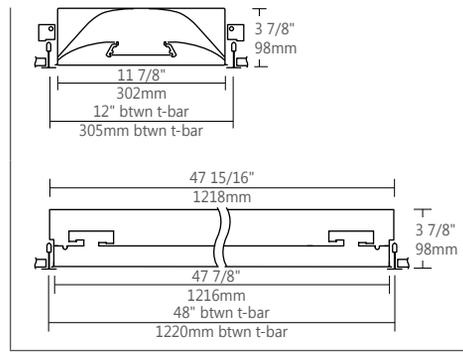


DIMENSIONS



Dia 1'X1' recessed



Dia 1'X4' recessed



Comfortable brightness, energy efficiency and no pixilation on the lens make the slender design of Dia LED more appealing than ever. Dia LED creates a clean ceiling line and a distinctive, architectural aesthetic that integrates well into contemporary spaces.

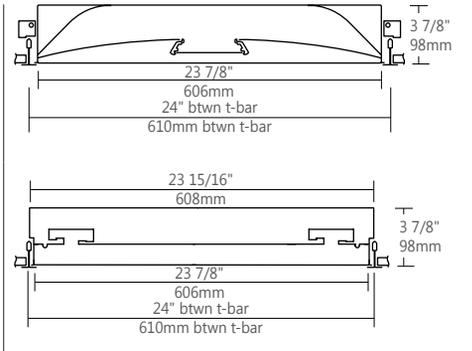
At up to 75 lumens per watt, Dia LED is well suited to the low power density requirements of sustainable lighting projects.

Luminaires come with air return option and time-saving features such as a hinged center optic component and driver covers. The low-profile design (only 3.875" deep) is well suited to shallow plenums. Integrated Controls options available.

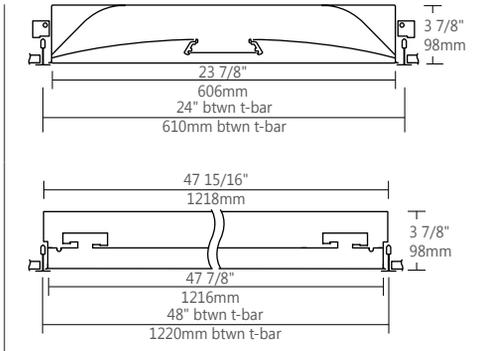
MAIN PRODUCT SPECIFICATIONS

1	PRODUCT ID	2	SIZE	3	VERSION	4	NOMINAL LUMENS	5	COLOR TEMP.	6	SHIELDING
DIALED	dia led	B2	B2 (factory preset)	11	1'X1'	900	900 lm	30	3000k	VL	vl optics
				14	1'X4'	1200	1200 lm	35	3500k		
				22	2'X2'	2500	2500 lm	40	4000k		
				24	2'X4'	3000	3000 lm				
						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



Dia 2'X2' recessed



Dia 2'X4' recessed

See p. 136 for surface mount options and dimensions.

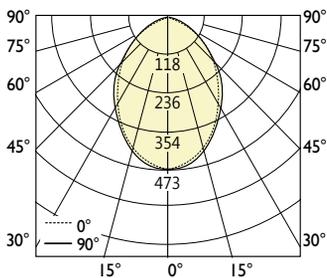
DIA LED

PERFORMANCES AT 3500K

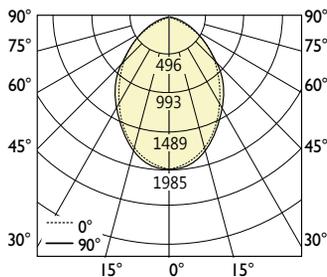
DIMENSION	NOMINAL LUMEN OUTPUT	INPUT WATTS	EFFICACY
1'X1'	900 lm	13.47 w	66.8 lm/w
1'X1'	1200 lm	18.55 w	64.7 lm/w
1'X4'	4000 lm	48.43 w	82.6 lm/w
1'X4'	5000 lm	62.89 w	79.5 lm/w
2'X2'	2500 lm	27.17 w	92 lm/w
2'X2'	3000 lm	33.52 w	89.5 lm/w
2'X4'	4500 lm	45.14 w	99.7 lm/w
2'X4'	7000 lm	73.84 w	94.8 lm/w

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

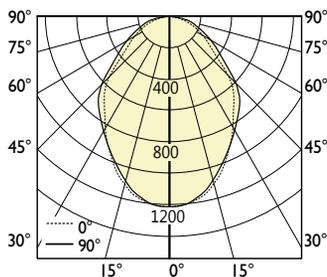
PHOTOMETRICS



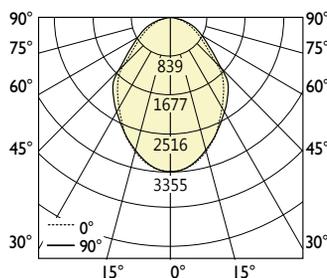
Dia 11 LED
Luminaire Lumens: 900 lm
Input Watts: 13.47 w
Efficacy: 66.8 lm/w
 IES FILE: DIALED-11-B2-900-40-VL.ies



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

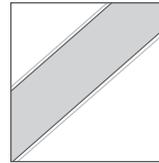


Dia 22 LED
Luminaire Lumens: 2500 lm
Input Watts: 27.17 w
Efficacy: 92 lm/w
 IES FILE: DIALED-22-B2-2500-40-VL.ies



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

SHIELDING OPTIONS



50 spotless lens

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 OptimalLED 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.

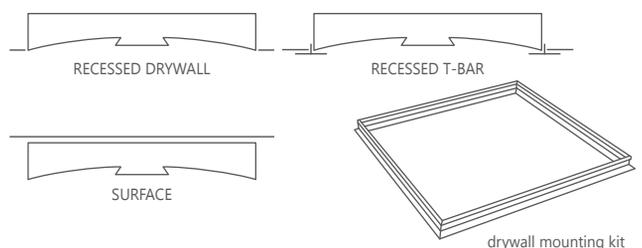
Thermal management Aluminium housing acting as the heat spreader to maximize life.

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.

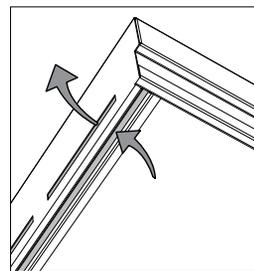




FINISH

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.

AIR RETURN



The air return (AR) 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.