

M587WQ151LED4830-W

ARTEMIS recessed square super comfort downlight, Wide light distribution, Hole dimensions: 15x15cm, 3000K, LED4, 2000 Lumens, 19W, White



About Product

ARTEMIS modern recessed square super comfort (Darklight) downlight luminaire is designed and manufactured by Megalite for modern office and commercial lighting applications. Durability, UV free, excellent visual comfort, energy saving, glare control, environment friendliness, and higher than 80 color rendering index (CRI) are among the highlights of this luminaire.



Technical Information

Luminaire Name:	ARTEMIS
Catalog Code/product code:	M587WQ151LED4830-W
Mounting Type:	Recessed-Gypsum false ceiling, Recessed-Exposed false ceiling
Application:	Hospitality, Shopping centers, Gallery and museum
Light source type:	LED
Module/ Lamp quantity:	1
CCT (Color temperature):	3000K - Warm White
Light source:	LED
LED Module brand name:	Samsung
Lumen maintenance:	> 100.000 hours
Lumen maintenance factor:	L85
CRI (Color rendering index):	> 80
Power Consumption:	19
Luminous Flux:	2000
Efficacy (lm/W):	105
IP (Ingress Protection):	IP43 (Underside)
Insulation Class:	Class II
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
Ballast/ Driver brand name:	Vossloh Schwabe
FLICKER:	Flicker Free

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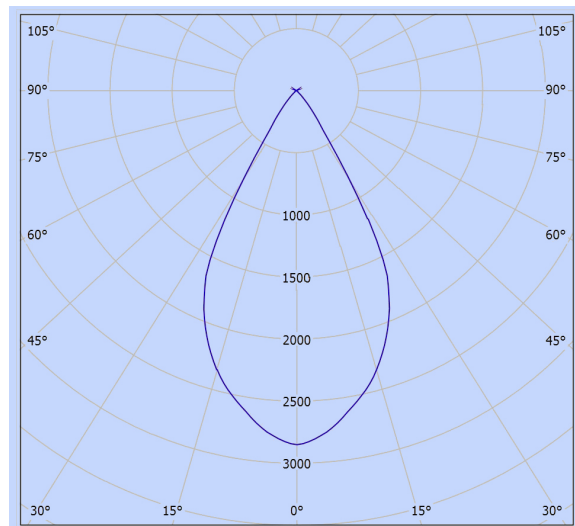
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Ballast/ driver Spec:	short-circuit protection, Non-dimmable
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Cable looping is possible, Tool free wire connection, 2 pole (Size: 2.5)
Cable Looping:	Yes
Body Material:	Die-Cast aluminum
Body Coating:	Powder coated
Body Color:	White
RAL:	RAL9003
Body Characteristic:	Specially designed cooling feature
Reflector Material:	Polycarbonate
Reflector Coating:	Vacuum coat
Diffuser/Glass Material:	Acrylic sheet
Diffuser/Glass Shape:	Clear
Diffuser/Glass Characteristic:	Uniform light distribution
Light Distribution:	55 degrees
Clamp Material:	Stainless steel
Clamp Characteristic:	Easy and safe tool free installation of the luminaire
Packaging type:	Nylon cover and carton
Weight(Kg):	0.67
Dimensions(mm):	168x168x127
Luminaire mechanical impact resistance:	-
Order Option (Routine option):	Dimmable DALI PUSH driver, 6500K color temperature

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Photometric Graph



Glare Evaluation According to UGR

p Ceiling	70	70	50	50	30	70	70	50	50	30	
p Walls	50	30	50	30	30	50	30	50	30	30	
p Floor	20	20	20	20	20	20	20	20	20	20	
Room Size	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
X	Y										
2H	2H	11.3	11.9	11.5	12.1	12.3	11.3	11.9	11.5	12.1	12.3
	3H	11.2	11.8	11.4	12.0	12.2	11.2	11.8	11.4	12.0	12.2
	4H	11.1	11.6	11.4	11.9	12.2	11.1	11.6	11.4	11.9	12.2
	6H	11.0	11.5	11.3	11.8	12.1	11.0	11.5	11.3	11.8	12.1
	8H	11.0	11.5	11.3	11.8	12.1	11.0	11.5	11.3	11.8	12.1
4H	2H	11.1	11.6	11.3	11.7	12.0	11.1	11.6	11.3	11.7	12.0
	3H	10.9	11.4	11.3	11.7	12.0	10.9	11.4	11.3	11.7	12.0
	4H	10.9	11.3	11.3	11.6	12.0	10.9	11.3	11.3	11.6	12.0
	6H	10.8	11.2	11.2	11.5	11.9	10.8	11.2	11.2	11.5	11.9
	8H	10.8	11.1	11.2	11.5	11.9	10.8	11.1	11.2	11.5	11.9
8H	2H	10.8	11.0	11.2	11.4	11.9	10.8	11.0	11.2	11.4	11.9
	4H	10.8	11.1	11.2	11.4	11.8	10.8	11.1	11.2	11.4	11.8
	6H	10.7	10.9	11.2	11.4	11.8	10.7	10.9	11.2	11.4	11.8
	8H	10.7	10.9	11.2	11.3	11.8	10.7	10.9	11.2	11.3	11.8
	12H	10.7	10.8	11.2	11.3	11.8	10.7	10.8	11.2	11.3	11.8
12H	4H	10.7	11.0	11.2	11.4	11.8	10.7	11.0	11.2	11.4	11.8
	6H	10.7	10.9	11.1	11.3	11.8	10.7	10.9	11.1	11.3	11.8
	8H	10.7	10.8	11.2	11.3	11.8	10.7	10.8	11.2	11.3	11.8
	Variation of the observer position for the luminaire distances S										
	S = 1.0H	+5.8 / -10.6					+5.8 / -10.6				
S = 1.5H	+8.6 / -11.1					+8.6 / -11.1					
S = 2.0H	+10.6 / -11.5					+10.6 / -11.5					
Standard table	BK00					BK00					
Correction Summand	-7.3					-7.3					
Corrected Glare Indices referring to 2000lm Total Luminous Flux											

Dimensional Drawing

