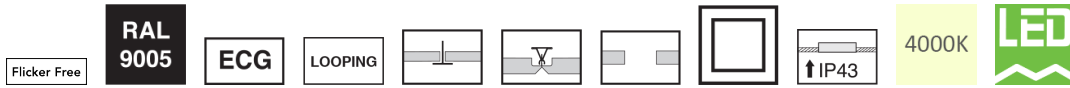


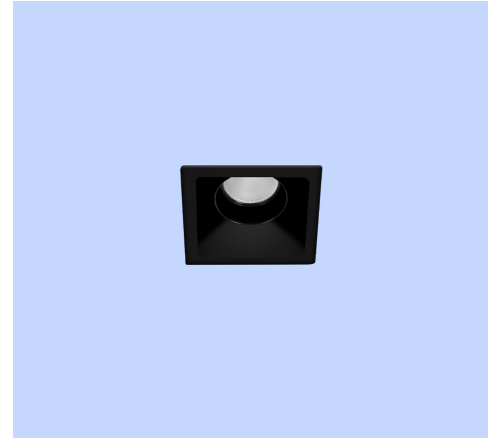
M587MQ101LED3V40-BL

ARTEMIS ViVo recessed square super comfort downlight, Medium light distribution, Hole dimensions: 10*10cm, 4000K, LED3, 1150 Lumens, 12W, Black



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:	M587MQ101LED3V40-BL
Mounting Type:	Recessed-Gypsum false ceiling, Recessed-Concealed false ceiling, Recessed-Exposed false ceiling
Application:	Shopping centers, Gallery and museum, Office, Hospitality
Light source type:	LED
Module/ Lamp quantity:	1
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
LED Module brand name:	Philips
Lumen maintenance:	> 100.000 hours
Lumen maintenance factor:	L85
CRI (Color rendering index):	> 90
Power Consumption:	12
Luminous Flux:	1150
Efficacy (lm/W):	96
IP (Ingress Protection):	IP43 (Underside)
Insulation Class:	Class II
Max. Ambient Temperature:	40°C
Ballast/ Driver:	Constant Current Driver (PF> 0.9)

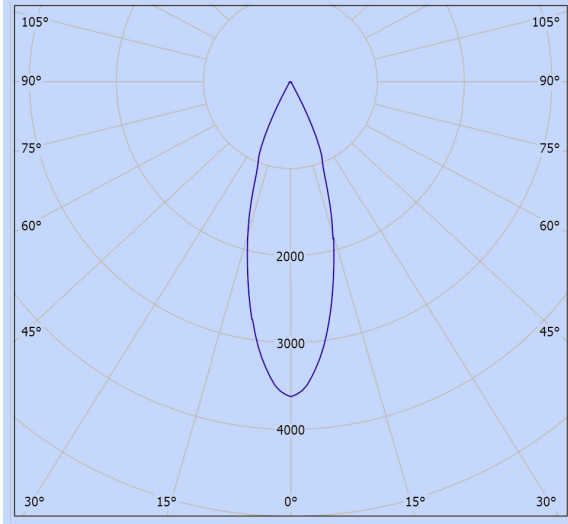
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Ballast/ Driver brand name:	Vossloh Schwabe
FLICKER:	Flicker Free
Ballast/ driver Spec:	short-circuit protection, Non-dimmable
Mains voltage:	220~240 VAC±10%
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal 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:	Black
RAL:	RAL9005
Body Characteristic:	Specially designed cooling feature
Reflector Material:	Polycarbonate
Reflector Coating:	Vacuum coat
Diffuser/Glass Material:	Polycarbonate
Diffuser/Glass Shape:	Frosted
Diffuser/Glass Characteristic:	Uniform light distribution
Light Distribution:	35 degrees
Clamp Material:	Stainless steel
Clamp Characteristic:	Easy and safe tool free installation of the luminaire
Packaging type:	Nylon cover and carton
Weight(Kg):	0.43
Dimensions(mm):	112x112x95
Luminaire mechanical impact resistance:	-
Order Option (Routine option):	Dimmable DALI PUSH driver

M587MQ101LED3V40-BL

ARTEMIS ViVo recessed square super comfort downlight, Medium light distribution, Hole dimensions: 10*10cm, 4000K, LED3, 1150 Lumens, 12W, Black

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 X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	3.2	3.9	3.5	4.1	4.3	3.2	3.9	3.5	4.1	4.3
	3H	3.1	3.7	3.4	3.9	4.1	3.1	3.7	3.4	3.9	4.1
	4H	3.0	3.6	3.3	3.8	4.1	3.0	3.6	3.3	3.8	4.1
	6H	3.0	3.5	3.3	3.7	4.0	3.0	3.5	3.3	3.7	4.0
	8H	2.9	3.4	3.2	3.7	4.0	2.9	3.4	3.2	3.7	4.0
4H	12H	2.9	3.3	3.2	3.6	3.9	2.9	3.3	3.2	3.6	3.9
	2H	3.0	3.6	3.3	3.8	4.1	3.0	3.6	3.3	3.8	4.1
	3H	2.9	3.4	3.2	3.7	4.0	2.9	3.4	3.2	3.7	4.0
	4H	2.8	3.2	3.2	3.5	3.9	2.8	3.2	3.2	3.5	3.9
	6H	2.7	3.1	3.1	3.4	3.8	2.7	3.1	3.1	3.4	3.8
8H	8H	2.7	3.0	3.1	3.4	3.8	2.7	3.0	3.1	3.4	3.8
	12H	2.7	2.9	3.1	3.3	3.7	2.7	2.9	3.1	3.3	3.7
	4H	2.7	3.0	3.1	3.4	3.8	2.7	3.0	3.1	3.4	3.8
	6H	2.6	2.8	3.1	3.3	3.7	2.6	2.8	3.1	3.3	3.7
	8H	2.6	2.7	3.0	3.2	3.7	2.6	2.7	3.0	3.2	3.7
12H	12H	2.5	2.7	3.0	3.1	3.6	2.5	2.7	3.0	3.1	3.6
	4H	2.7	2.9	3.1	3.3	3.7	2.7	2.9	3.1	3.3	3.7
	6H	2.6	2.7	3.0	3.2	3.7	2.6	2.7	3.0	3.2	3.7
	8H	2.5	2.7	3.0	3.1	3.6	2.5	2.7	3.0	3.1	3.6
	Variation of the observer position for the luminaire distances S										
S = 1.0H	+4.8 / -8.1					+4.8 / -8.1					
S = 1.5H	+7.6 / -85.3					+7.6 / -85.3					
S = 2.0H	+9.6 / -83.3					+9.6 / -83.3					
Standard table	BK00					BK00					
Correction Summand	-15.5					-15.5					
Corrected Glare Indices referring to 1150lm Total Luminous Flux											

Dimensional Drawing

