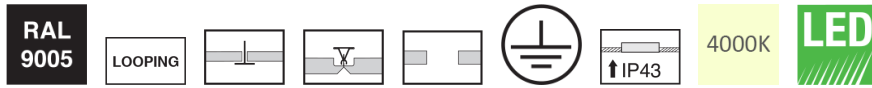


M587EMQ10LED2840-BL

ARTEMIS (DOB) recessed square super comfort downlight, Medium light distribution, Hole dimensions: 10*10cm, 4000K, LED2, 700Lumens, 10W, Black



About Product

ARTEMIS modern recessed square super comfort (Darklight) downlight luminaire is designed and manufactured by Mazinoor 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

Catalogue Code/product code: M587EMQ10LED2840-BL

Mounting Type:	Recessed-Concealed false ceiling, Recessed-Gypsum false ceiling, Recessed-Exposed false ceiling
Application:	Hospitality, Gallery and museum, Office, Shopping centers
Light source type:	DOB LED (PF> 0.9)
Module/ Lamp quantity:	1
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 50.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	10
Luminous Flux:	700
Efficacy (lm/W):	70
IP (Ingress Protection):	IP43 (Underside)
Insulation Class:	Class I
Mains voltage:	198~253 VAC
Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polyamide

M587EMQ10LED2840-BL

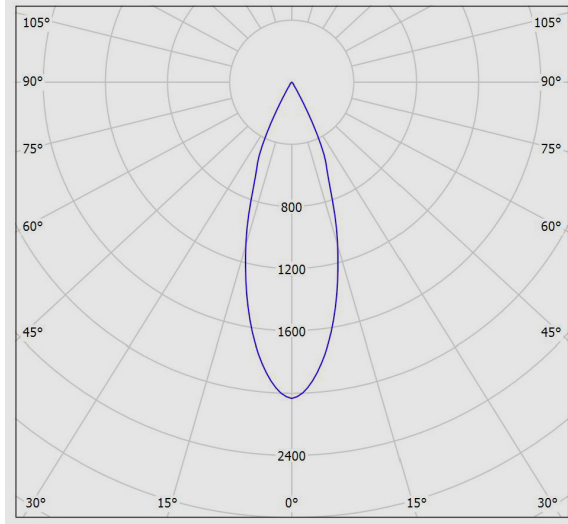
ARTEMIS (DOB) recessed square super comfort downlight, Medium light distribution, Hole dimensions: 10*10cm, 4000K, LED2, 700Lumens, 10W, Black

Terminal Spec:	3-Pole (Size: 2.5), Tool free wire connection. Cable looping is possible
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):	0.3
Dimensions(mm):	112x112x96

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ARTEMIS (DOB) recessed square super comfort downlight, Medium light distribution, Hole dimensions: 10*10cm, 4000K, LED2, 700Lumens, 10W, 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	20	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	3.4	4.0	3.6	4.2	4.4	3.4	4.0	3.6	4.2	4.4
	3H	3.2	3.8	3.5	4.0	4.3	3.2	3.8	3.5	4.0	4.3
	4H	3.2	3.7	3.5	4.0	4.2	3.2	3.7	3.5	4.0	4.2
	6H	3.1	3.6	3.4	3.9	4.1	3.1	3.6	3.4	3.9	4.1
4H	2H	3.2	3.7	3.5	4.0	4.2	3.2	3.7	3.5	4.0	4.2
	3H	3.0	3.5	3.4	3.8	4.1	3.0	3.5	3.4	3.8	4.1
	4H	2.9	3.3	3.3	3.7	4.0	2.9	3.3	3.3	3.7	4.0
	6H	2.9	3.2	3.3	3.6	3.9	2.9	3.2	3.3	3.6	3.9
8H	2H	2.8	3.1	3.2	3.5	3.9	2.8	3.1	3.2	3.5	3.9
	3H	2.8	3.0	3.2	3.4	3.8	2.8	3.0	3.2	3.4	3.8
	4H	2.8	3.0	3.2	3.4	3.8	2.8	3.0	3.2	3.4	3.8
	6H	2.7	2.9	3.2	3.4	3.8	2.7	2.9	3.2	3.4	3.8
12H	2H	2.6	2.8	3.1	3.2	3.7	2.6	2.8	3.1	3.2	3.7
	3H	2.6	2.8	3.1	3.2	3.7	2.6	2.8	3.1	3.2	3.7
	4H	2.6	2.8	3.1	3.2	3.7	2.6	2.8	3.1	3.2	3.7
	6H	2.6	2.8	3.1	3.2	3.7	2.6	2.8	3.1	3.2	3.7

Variation of the observer position for the luminaire distances S			
S = 1.0H	+5.3	-10.6	+5.3 / -10.6
S = 1.5H	+8.0	-17.1	+8.0 / -17.1
S = 2.0H	+10.0	-25.1	+10.0 / -25.1

Standard table	BK00	BK00
Correction		
Summand	-15.4	-15.4

Corrected Glare Indices referring to 700lm Total Luminous Flux

Dimensional Drawing

