

M230EMS1LED2830-W

NEPTUNE (DOB) bulkhead luminaire with microwave-motion sensor, 30-cm Dia., 3000K, LED2, 1100 Lumens, 16W, White



About Product

NEPTUNE bulkhead luminaire is designed and manufactured by Megalite for mounting on ceilings in offices, residential, and commercial buildings. Aesthetically beautiful design, uniform light distribution, and high ingress protection (IP65) are among the highlights of this luminaire.



Technical Information

Luminaire Name:	NEPTUNE
Catalog Code/product code:	M230EMS1LED2830-W
Mounting Type:	Surface Mounted
Application:	Office, Hospitality, Parking
Application consideration:	suitable for Indoor/Covered Outdoor
Light source type:	DOB LED (PF> 0.5)
Module/ Lamp quantity:	1
CCT (Color temperature):	3000K - Warm White
Light source:	LED
LED Module brand name:	Edison
Lumen maintenance:	> 60000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	16
Luminous Flux:	1100
Efficacy (lm/W):	69
IP (Ingress Protection):	IP65
Insulation Class:	Class II
FLICKER:	Flicker Free
Mains voltage:	220~240 VAC

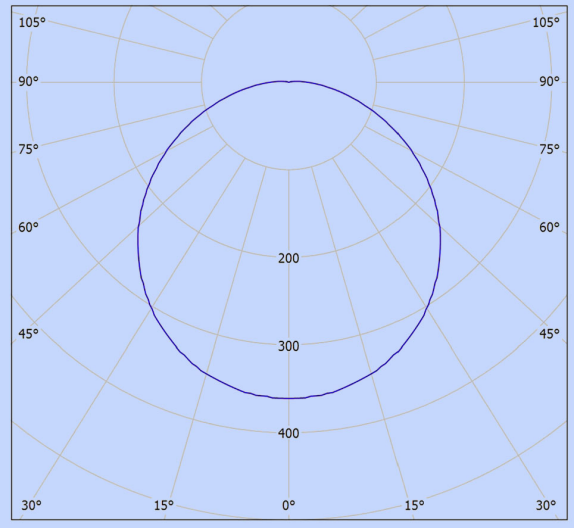
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Voltage Frequency:	50 Hz
Wire / Cable Spec:	PVC solid wire
Wire cross section:	0.5
Terminal material:	Polycarbonate
Terminal Spec:	Cable looping is possible. Tool free wire connection, 2 pole (Size: 2.5)
Cable Looping:	Yes
Body Material:	Polycarbonate
Diffuser/Glass Material:	Polycarbonate
Diffuser/Glass Shape:	Satin white
Light Distribution:	Uniform light distribution
Gasket Material:	silicon
Packaging type:	Nylon cover and carton
Other Characteristics:	Microwave-Motion sensor
Weight(Kg):	0.6
Dimensions(mm):	Ø300x70
Sensor type:	Microwave-Motion sensor

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Photometric Graph



Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ 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	17.1	18.4	17.4	18.7	19.0	17.1	18.4	17.4	18.7	19.0
	3H	18.6	19.8	18.9	20.1	20.4	18.6	19.8	18.9	20.1	20.4
	4H	19.1	20.2	19.4	20.5	20.9	19.1	20.2	19.4	20.5	20.9
	6H	19.4	20.5	19.8	20.9	21.2	19.4	20.5	19.8	20.9	21.2
	8H	19.6	20.6	20.0	20.9	21.3	19.6	20.6	20.0	20.9	21.3
4H	12H	19.7	20.6	20.1	21.0	21.4	19.7	20.6	20.1	21.0	21.4
	2H	17.5	18.6	17.9	19.0	19.3	17.5	18.6	17.9	19.0	19.3
	3H	19.1	20.1	19.5	20.5	20.9	19.1	20.1	19.5	20.5	20.9
	4H	19.8	20.7	20.2	21.0	21.4	19.8	20.7	20.2	21.0	21.4
	6H	20.3	21.0	20.7	21.4	21.9	20.3	21.0	20.7	21.4	21.9
8H	8H	20.4	21.2	20.9	21.6	22.0	20.4	21.2	20.9	21.6	22.0
	12H	20.6	21.2	21.1	21.7	22.1	20.6	21.2	21.1	21.7	22.1
	4H	20.0	20.7	20.4	21.1	21.6	20.0	20.7	20.4	21.1	21.6
	6H	20.6	21.2	21.1	21.6	22.1	20.6	21.2	21.1	21.6	22.1
	8H	20.8	21.3	21.3	21.8	22.3	20.8	21.3	21.3	21.8	22.3
12H	12H	21.0	21.5	21.5	22.0	22.5	21.0	21.5	21.5	22.0	22.5
	4H	20.0	20.6	20.4	21.1	21.5	20.0	20.6	20.4	21.1	21.5
	6H	20.6	21.1	21.1	21.6	22.1	20.6	21.1	21.1	21.6	22.1
	8H	20.9	21.3	21.4	21.8	22.4	20.9	21.3	21.4	21.8	22.4
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.2					+0.1 / -0.2				
S = 1.5H		+0.3 / -0.4					+0.3 / -0.4				
S = 2.0H		+0.7 / -0.9					+0.7 / -0.9				
Standard table		BK05					BK05				
Correction Summand		3.5					3.5				
Corrected Glare Indices referring to 1100lm Total Luminous Flux											

Dimensional Drawing

