

M459EL601LED1840-W

LEDiA (DOB) surface mount luminaire, Length: 60cm, 4000K, LED1, 900 Lumens, 10W, White

Flicker Free

About Product

LEDiA surface mount luminaire is Megalite state of the art design suitable for vertical or horizontal mounting next to mirrors in sanitary area and as a surface mounted general lighting luminaire. Aesthetically beautiful design, uniform light distribution, high ingress protection (IP65), glare control and horizontal and vertical mounting are among the highlights of this luminaire.



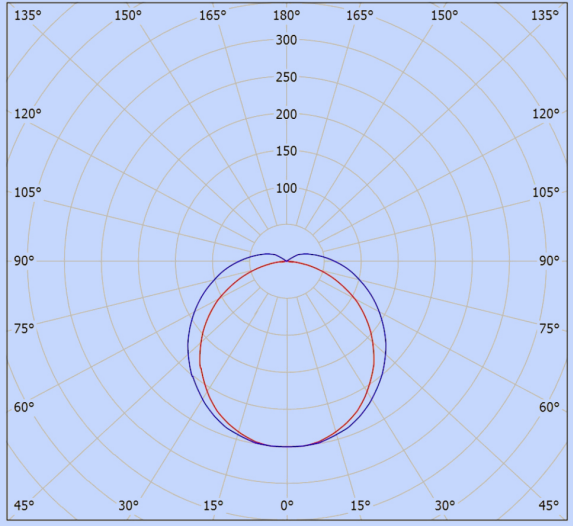
Technical Information

Catalogue Code/product code:	M459EL601LED1840-W
Application:	Shopping centers, Office, Hospitality
Power Consumption:	10
Luminous Flux:	900
Efficacy (lm/W):	90
FLICKER:	Flicker Free
Body Material:	Coextruded polycarbonate
Body Coating:	-
Body Color:	-
End Caps Material:	Polycarbonate
Diffuser/Glass Material:	Coextruded polycarbonate
Diffuser/Glass Shape:	Striped and matt
Diffuser/Glass Characteristic:	High efficiency, UV stabilized, Uniform light distribution
Light Distribution:	Uniform light distribution
Clamp Material:	Stainless steel
Clamp Characteristic:	Easy and safe tool free installation of the luminaire
Packaging type:	Nylon cover and carton
Weight(Kg):	0.38
Dimensions(mm):	584x66x55

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Photometric Graph



Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	30
p Walls		50	30	50	30	30	50	30	50	30	30	30
p Floor		20	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	18.7	20.0	19.1	20.3	20.7	20.0	21.3	20.4	21.7	22.1	
	3H	20.1	21.3	20.6	21.7	22.2	22.4	23.6	22.8	24.0	24.4	
	4H	20.7	21.8	21.1	22.2	22.7	23.6	24.8	24.1	25.2	25.6	
	6H	21.0	22.1	21.5	22.5	23.0	25.0	26.1	25.5	26.5	27.0	
	8H	21.1	22.2	21.6	22.6	23.1	25.7	26.8	26.2	27.2	27.7	
	12H	21.2	22.2	21.7	22.6	23.1	26.6	27.6	27.1	28.0	28.5	
4H	2H	19.6	20.8	20.1	21.2	21.6	20.7	21.8	21.1	22.2	22.7	
	3H	21.3	22.3	21.8	22.8	23.3	23.2	24.2	23.7	24.7	25.2	
	4H	22.1	23.0	22.6	23.4	24.0	24.7	25.6	25.2	26.1	26.6	
	6H	22.6	23.4	23.1	23.9	24.4	26.3	27.1	26.8	27.6	28.1	
	8H	22.8	23.5	23.3	24.0	24.6	27.1	27.9	27.7	28.4	29.0	
	12H	22.9	23.5	23.4	24.1	24.6	28.1	28.8	28.7	29.3	29.9	
8H	4H	22.9	23.6	23.4	24.1	24.7	25.1	25.8	25.6	26.3	26.9	
	6H	23.7	24.3	24.3	24.8	25.5	26.9	27.5	27.5	28.0	28.7	
	8H	24.0	24.5	24.6	25.1	25.7	27.9	28.5	28.5	29.0	29.7	
	12H	24.2	24.7	24.8	25.3	25.9	29.1	29.6	29.7	30.2	30.8	
	4H	23.1	23.8	23.7	24.3	24.9	25.1	25.7	25.6	26.3	26.9	
	6H	24.1	24.6	24.7	25.2	25.8	27.0	27.5	27.6	28.1	28.7	
12H	8H	24.5	25.0	25.1	25.6	26.2	28.1	28.6	28.7	29.2	29.8	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1					
S = 1.5H		+0.2 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.3 / -0.6					+0.4 / -0.4					
Standard table		BK14					BK12					
Correction Summand		7.5					12.8					
Corrected Glare Indices referring to 900lm Total Luminous Flux												

Dimensional Drawing

