Mazinoor
Different Experience Beyond Illumination

M481N120LED2840-BL

LUMERIA linear track light with lens (3-pole), Narrow light distribution, Length: 120cm, 4000K, LED2, 5000 Lumens, 32W, Black

Flicker Free | RAL 9005 | ECG | IP 40 | 4000K | LED

About Product

LUMERIA Track light luminaire is Mazinoor state of the art design suitable for high ceilings. LUMERIA is offered with optional lenses for symmetrical, asymmetrical, double asymmetrical, or uniform light distribution. Energy saving, glare control, and aesthetically beautiful design are among the highlights of this luminaire.

Technical Information

Cataloge Code/product code:	M481N120LED2840-BL
Mounting Type:	Track light
Application:	Shopping centers، Hypermarket، Gallery and museum
Light source type:	LED
Module/ Lamp quantity:	2
CCT (Color temperature):	4000K - Neutral White
Light source:	LED
Lumen maintenance:	> 100.000 hours
Lumen maintenance factor:	L70
CRI (Color rendering index):	> 80
Power Consumption:	32
Luminous Flux:	5000
Efficacy (lm/W):	156
IP (Ingress Protection):	IP40
Insulation Class:	Class I
Ballast/ Driver:	Constant Current Driver (PF> 0.9)
FLICKER:	Flicker Free
Ballast/ driver Spec:	Non-dimmable
Ballast/ Driver (Channel quantity):	Single channel
Mains voltage:	220~240 VAC±10%

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Voltage Frequency:	50/60 Hz
Wire / Cable Spec:	GF PVC solid wire
Wire cross section:	0.5
Body Material:	Extruded aluminum profile
Body Coating:	Powder coated
Body Color:	Black
RAL:	RAL9005
Lens Material:	Clear polycarbonate
Light Distribution:	30 degrees
Packaging type:	Nylon cover and carton
Weight(Kg):	1.65
Dimensions(mm):	1140x55x42
Luminaire mechanical impact resistance:	-

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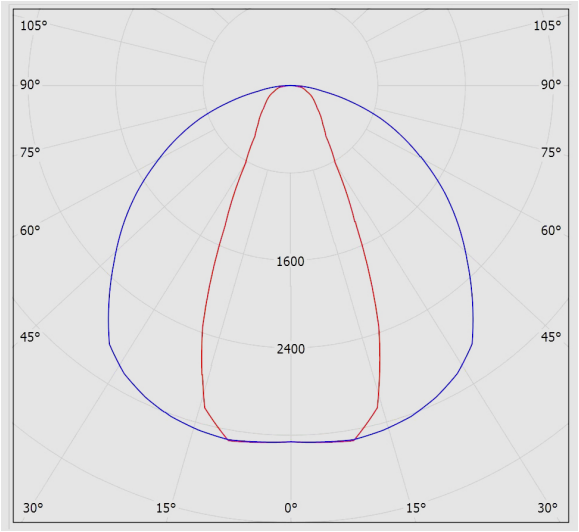
Photometric Graph



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	15.3	16.4	15.6	16.6	16.8	24.5	25.6	24.8	25.8	26.0
	3H	16.5	17.5	16.8	17.7	18.0	25.9	26.9	26.2	27.1	27.4
	4H	17.1	18.0	17.4	18.2	18.5	26.5	27.4	26.8	27.7	27.9
	6H	17.6	18.4	17.9	18.7	19.0	27.0	27.8	27.3	28.1	28.4
	8H	17.7	18.5	18.1	18.8	19.2	27.1	27.9	27.5	28.2	28.6
	12H	17.8	18.5	18.1	18.8	19.2	27.3	28.0	27.6	28.4	28.7
4H	2H	16.2	17.1	16.5	17.4	17.7	24.3	25.3	24.7	25.5	25.8
	3H	17.6	18.4	17.9	18.7	19.0	25.8	26.6	26.1	26.9	27.2
	4H	18.2	18.9	18.6	19.3	19.6	26.4	27.1	26.8	27.5	27.8
	6H	18.9	19.5	19.3	19.8	20.2	27.0	27.6	27.4	27.9	28.3
	8H	19.1	19.6	19.5	20.0	20.4	27.2	27.7	27.6	28.1	28.5
	12H	19.1	19.6	19.6	20.0	20.4	27.4	27.9	27.8	28.3	28.7
8H	4H	18.7	19.2	19.1	19.6	20.0	26.4	26.9	26.8	27.3	27.7
	6H	19.4	19.9	19.9	20.3	20.8	27.0	27.4	27.4	27.8	28.3
	8H	19.7	20.1	20.2	20.5	21.0	27.2	27.6	27.7	28.0	28.5
	12H	19.8	20.1	20.3	20.6	21.1	27.4	27.7	27.9	28.2	28.7
12H	4H	18.8	19.2	19.2	19.6	20.1	26.4	26.8	26.8	27.2	27.7
	6H	19.6	19.9	20.0	20.4	20.9	26.9	27.3	27.4	27.8	28.2
	8H	19.8	20.2	20.3	20.6	21.1	27.2	27.5	27.7	28.0	28.5

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.4 / -0.3	+0.8 / -0.9
S = 1.5H	+0.6 / -0.6	+1.9 / -2.5
S = 2.0H	+0.7 / -0.9	+3.1 / -3.8

Dimensional Drawing