Rubber 3D Optic

Project: _____

Type: _____

LED Strip | topLED 57 W | CRI 85 | 3000K | Elliptic / Medium Flood | White | Wet location | 24V
LL-E82218-W-20

Technical data	
Type	LED Strip
Installation position	Wall lights - Ceiling - Floor
Installation environment	Indoor - Outdoor
Light Source	LED
Optics	Elliptic / Medium Flood
Light emission direction	downward
Power	57 W
Operation	24V
Source lumens	6900 lm
Voltage	24V
CCT	3000 K
Color rendering index	85 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP67
Glow wire test	960°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Operating temperature	-20 / +50
Driver included	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	1(M)x0.25m + 1(F)x0.25 m
Resin potting	Yes
Type of light emission	Single emission
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	PU
Color	white

Notes:

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Rubber 3D Optic

LED Strip | topLED 57 W | CRI 85 | 3000K | Elliptic / Medium Flood Elliptic | White | Wet location | 24V | Base
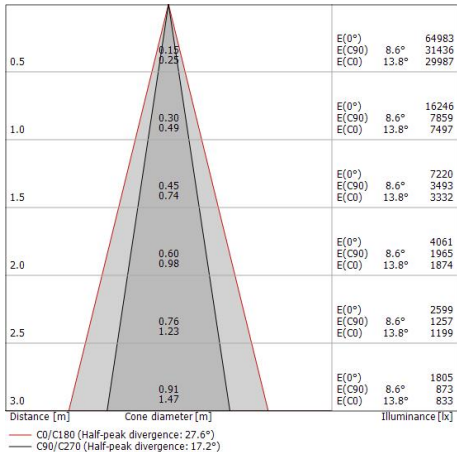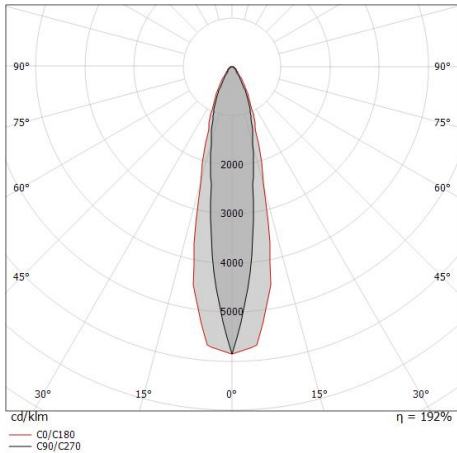**LL-E82218-W-20**

Single emission led strip for indoor or outdoor application. The warm white LED light source with a elliptic / medium flood light distribution is composed of 1 topled LEDs with CCT of 3000 K and a CRI 85; the source luminous flux is 6900 lm, with a 121.1 lm/W nominal luminous efficacy.

The device body is made of pu and features a white finish. The ingress protection degree is IP67; the total weight is of 0 lbs. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 57 W. The power supply cable is included and features a 3.281 ft lenght.

The device features protection class III and can be wall lights, ceiling or floor-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

Led features	
Light Output Ratio (LOR)	40 %
Source lumens	6900 lm
Delivered lumens	2774.82 lm
Power	57 W
Luminaire efficacy	48 lm/W
Color temperature	3000 K
Standard Deviation of Color Matching	3 Step MacAdam
Color rendering index	85 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25
LED Life / Failure Ratio	
L70 B20 C0 72.5h	

UGR	
UGR transversal	< 25
UGR axial	< 25
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Light distribution symmetry	Elliptic
C0/C180 optics	28°
C90/C270 optics	17°

cd/klm   η = 192%
— C0/C180
— C90/C270

	E(0°)		64983
	E(C90)	8.6°	31436
	E(C0)	13.8°	29987

	E(0°)		16246
	E(C90)	8.6°	7859
	E(C0)	13.8°	7497

	E(0°)		7220
	E(C90)	8.6°	3493
	E(C0)	13.8°	3332

	E(0°)		4061
	E(C90)	8.6°	1965
	E(C0)	13.8°	1874

	E(0°)		2599
	E(C90)	8.6°	1257
	E(C0)	13.8°	1199

	E(0°)		1805
	E(C90)	8.6°	873
	E(C0)	13.8°	833

Distance [m]   Cone diameter [m]   Illuminance [lx]
— C0/C180 (Half-peak divergence: 27.6°)
— C90/C270 (Half-peak divergence: 17.2°)

Rubber 3D Optic

Rubber 3D Optic | LED Strip | Accessories
LL-E82218-W-20

	Profile - Aluminum profile 0.7x0.74x39.37 inch Material:Aluminum, process:Anodisation.	**Code** E99549
	Profile - Aluminium profile 1.22x0.74x39.37 inch Material:Aluminum, process:Anodisation.	**Code** E99535
	Bracket installation position: wall lights, ceiling L=1.97in, H=0.91in, D=0.83in. Material:Aluminum, process:Anodisation.	**Code** E99536
	Bracket installation position: wall lights, ceiling L=1.97in, H=1.61in, D=0.83in. Material:Aluminum, process:Anodisation.	**Code** E99537
	Closing cap Material:Aluminum, process:Anodisation.	**Code** E99539
	Power supply Material:plastic, color:white.	**Code** E99540
	Remote RF Material:plastic, color:white.	**Code** E99700
	Remote RF Material:plastic, color:white.	**Code** E99697

27.01.2021

Rubber 3D Optic

Rubber 3D Optic | LED Strip | Accessories
LL-E82218-W-20

Dimmer
Radio-frequenza

Code
E99694

Extension cable
Material:plastic, color:white.

Code
E99689

Extension cable
Material:plastic, color:white.

Code
E99688

27.01.2021

inter•lux   **inter-lux.com/linealight**