



design: R&D

P2 - E

LAM32
IDEASBECOMINGLIGHT

Mounting structural system to be smoothed and painted, designed for hidden recessed installation on plasterboard or masonry ceilings and walls. Suitable for LED sources to create lines of direct light. Its external body is made of extruded aluminum with high thickness to support the weight of plasterboard panels and structures of the false ceilings. The luminaire is equipped with snap-in opal polycarbonate screen to ensure a perfect uniformity of light distribution. Light sources and power supplies to be ordered separately.

designplan® 

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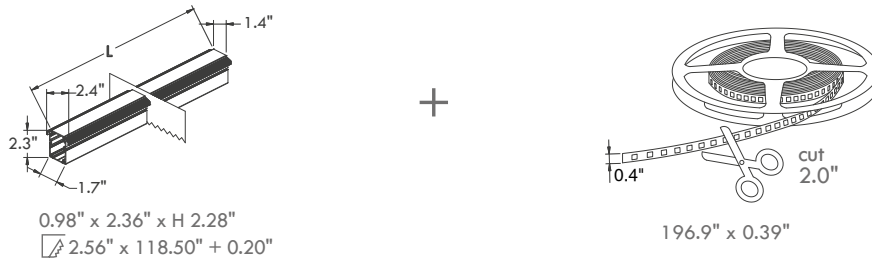
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P2 - E



TECHNICAL DRAWING



name	dimension	code	lamp	lumens					
				2200K	2700K	3000K	4000K	DW	RGBW
LED CIRCUIT REEL	196.85"	LM30.103514.US	19.2 W/3.28'	1420	1440	1536	1570	1593	864
P2 - E	118.11"	LM30.104667.US							

ACCESSORIES

code		
LM30.104670	Metal single closing end cap.	
LM30.104671	90° flat single metal joint.	
LM30.104672	Pair of 90° horizontal-vertical metal joint.	
LM30.104673	Pair of linear metal joint.	
LM30.104676	Pair of "L" metal plates suitable for 0.5" to 0.8" plasterboard or masonry application.	
LM30.104677	Single "Omega" metal plate suitable for 0.5" plasterboard and masonry application.	
LM30.104678	Micro-perforated metal U-plate for profile hanging.	
LM20.101433	Lighting source extraction tool	

EXAMPLE OF CODE LED CIRCUITCOMPOSITION

Electronic driver and connection systems 24VDC to be ordered separately. Control Electronics, iSmart CV, iColor CV or iDimm CV, to be ordered as accessory.

LM30.103514.DP.BP.20 Full color luminous flux.

CODE | LIGHT BEAM | LED COLOR | POWER PER 3.28'

Light beam

.DP	perpendicular diffused			
LED	Color	lm/3.28'	LED/3.28'	Cut
.XC	2200K	1420	240	1.0"
.BC	2700K	1440	240	1.0"
.BP	3000K	1536	240	1.0"
.BF	4000K	1570	240	1.0"
.DW	2800K 6000K	1593*	240	2.0"
.RGBW	RGB+W 3000K	864*	60	3.9"
LED circuit power				
.20	19.2W/3.28'			

FINISH

color	code
	.00 / natural



SYMBOLS

Available configurations



Luminaire available in RGB version (only for versions with a min. of 3 lamps or LED versions).



Luminaire available in CTC version (color temperature control, only for versions with a min. of 3 lamps or LED versions).



Luminaire has possibility to be dimmed.



Luminaire has possibility to be dimmed 0/10.



Luminaire has possibility to be dimmed DALI.



Luminaire has possibility to be dimmed PWM.



Luminaire available with induction sound diffusion system.



Luminaire available with internal Wi-Fi Router for the diffusion of any kind of wireless signal in the surrounding space.



Emergency Kit



Luminaire customizable (with feasibility to be checked).
Changes on request:
-RAL finish
-size
-communication technology (integrated DALI, WIFI or AUDIO)



Luminaire available, on request, in RGB version (only for LED versions or with a minimum of 3 lamps).



Luminaire available, on request, in CTC version (color temperature control, only for versions with a min. of 3 lamps or LED versions).



Luminaire available, on request, in dimmable version.



Luminaire available, on request, with microprismatic screen for high visual comfort.



Water Stop protection

IP Protection degree code

1st DIGIT – Protection against solid bodies

IP1... Protection against solid bodies $\geq 1.97''$
IP2... Protection against solid bodies $\geq 0.47''$
IP3... Protection against solid bodies $\geq 0.10''$
IP4... Protection against solid bodies $\geq 0.04''$
IP5... Protection against dust
IP6... Total protection against dust

2nd DIGIT – Protection against water

IP...1 Protection against vertically falling drops
IP...2 Protection against vertically falling drops with a tilt angle up to 15°
IP...3 Protection against sprays of water up to 60° from devertical
IP...4 Protection against water spray from all directions
IP...5 Protection against water jets
IP...6 Protection against powerful water jets
IP...7 Protection against temporary immersion up to $30'$ under $3.28'$ of water
IP...8 Protection against continuous immersion under $3.28'$ of water

Power supply type



xx VAC



24 VDC



48 VDC

Certificates and requirements



The luminaire can be installed on normally flammable surfaces.



ISO 9001



Macadam Ellipse.



Static load resistance.



Length of supplied power cable.



Cable Output
L= Side
P= Rear
T= Head



Protection against sudden changes in voltage.



Reverse polarity protection.



Luminaire rotation on vertical axis.



Luminaire inclination on horizontal axis.



Type of light emission.

Shock resistance



IK00 No protection

IK01 0.15 J

IK02 0.20 J

IK03 0.35 J

IK04 0.50 J

IK05 0.70 J

IK06 1.00 J

IK07 2.00 J

IK08 5.00 J

IK09 10.00 J

IK10 20.00 J

General Conditions

Wattage and lumens indicated in this catalogue are referred to the LED sources.