



design: R&D

# A1-65 A1-E

**LAM32**  
IDEAS BECOMING LIGHT

The smoothing and painting system is designed for recessed flush installation on plasterboard ceilings and walls. Luminaire designed for recessed installation on false ceilings using appropriate accessories. Suitable for LED sources of different powers, their bodies are made of anodized extruded aluminum, fulfilled with a special opal resin, resistant to UV rays, to ensure the maximum level of performance, visual comfort and cleanness over time. Closing end caps are made of anodized aluminium. The luminaires are supplied with rear cable output. It is equipped with a 19.7" long cable for connection to the 24VDC power supply line. 24VDC Electronic driver to be ordered separately.

designplan® 

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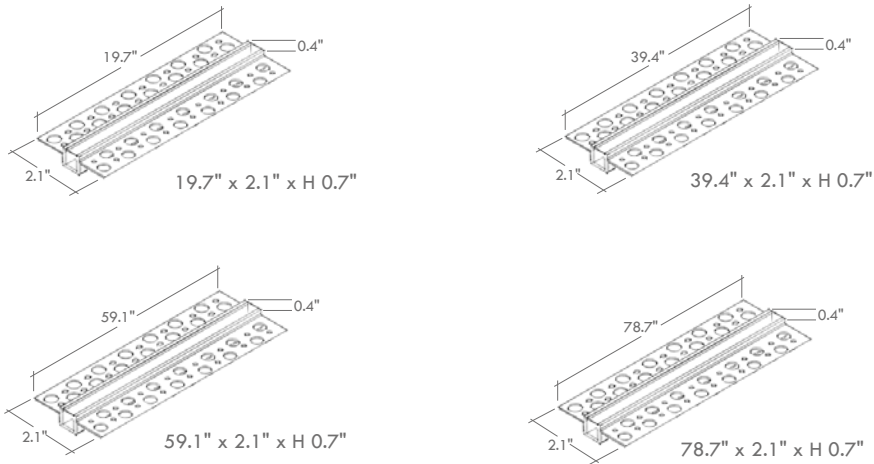
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# A1-65



## TECHNICAL DRAWING



name	dimension	code	lamp	lumens		
				2700K	3000K	4000K
A1-65	19.69"	LM04.104535.US	LED 7.2W	509	535	557
A1-65	39.37"	LM04.104536.US	LED 14.4W	1017	1070	1114
A1-65	59.06"	LM04.104537.US	LED 21.6W	1526	1605	1671
A1-65	78.74"	LM04.104538.US	LED 28.8W	2034	2140	2228

## ACCESSORIES

code
LM20.104545 Closing end cap

## EXAMPLE OF CODE COMPOSITION

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

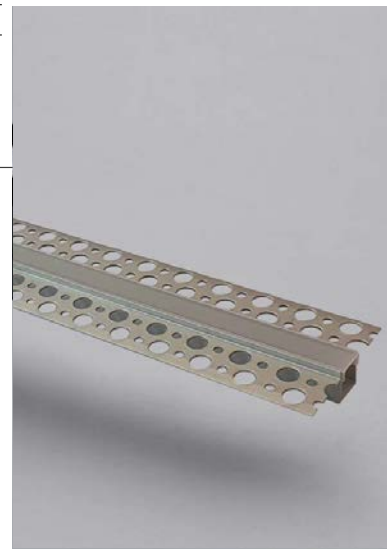
LM04.104535.03.DI.BP.P

CODE FINISH LIGHT BEAM LED COLOR CABLE OUTPUT

## FINISH

color	code
	.03 / anodized aluminum

Light beam			
.DI	diffused		
code	LED Color	power/3.28'	lumens/3.28'
.BC	2700K	14.4W	1017
.BP	3000K	14.4W	1070
.BF	4000K	14.4W	1114
cable exit			
.P	rear		



# A1-E




## TECHNICAL DRAWING



name	dimension	code	IP rating	lamp	lumens		
					2700K	3000K	4000K
LED CIRCUIT REEL	196.9"	LM30.104543.US	IP20	14.4 W/3.28 ft	1017	1070	1114
A1-E*	78.7"	LM30.104540.US	IP40				

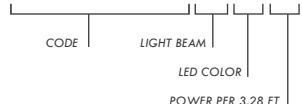
## ACCESSORIES

code
 LM20.104545 Closing end cap

## EXAMPLE OF CODE COMPOSITION LED CIRCUIT

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

LM30.104543.DP.BP.15



\* IK05

### Light beam

.DP	perpendicular diffused			
LED	Color	lm/3.28 ft	LED/3.28'	Cut
.BC	2700K	1017	350	0.79 in
.BP	3000K	1070	350	0.79 in
.BF	4000K	1114	350	0.79 in
LED circuit power				
.15	14.4W/3.28 ft			

## FINISH

color	code
	.03 / anodized aluminum



# 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  $15^\circ$   
IP...3 Protection against sprays of water up to  $60^\circ$  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

IK03 0.35 J

IK07 2.00 J

IK01 0.15 J

IK04 0.50 J

IK08 5.00 J

IK02 0.20 J

IK05 0.70 J

IK09 10.00 J

IK06 1.00 J

IK10 20.00 J

## General Conditions

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