

Power

# MOMO-L Power P030 Fixture Guide

# KKDÖ

Indoor/Outdoor | Surface | Output up to 2850lm/m (869lm/ft)

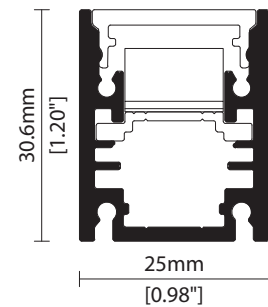


## Key applications

- ✓ Building facades
- ✓ Direct lighting
- ✓ Downlighting
- ✓ Exterior
- ✓ Interior
- ✓ Uplighting
- ✓ Wall grazing
- ✓ Window reveal
- ✓ Wet area

## Key features

- ✓ Adjustable
- ✓ Custom lengths
- ✓ Constant Voltage (CV)
- ✓ Diffusion: spotting
- ✓ Glare control options
- ✓ IP44 moisture resistant
- ✓ IP67 waterproof
- ✓ Lens options



B - Clear

## MOUNTING METHODS



KKCP-03 Clip



KKCP-17 Lock clip



KKBK-07 Fixing plate



KKBK-21 Adjustable bracket



# MOMO-L Power P030

## Specification sheet



<b>Dimensions</b>	H30/W25/L260-2010mm (H1.18/W0.98/L10.24-79.13in)
<b>PCB Cut-point</b>	250mm increment/2000mm max (9.84in increment/78.74in max)
<b>LED Pitch</b>	35.7mm-28LED/m (1.40in - 8LED/ft)
<b>Chip</b>	<b>h-line</b>
<b>Cover/Optics</b>	Clear/12°/25°/60°/Spread lens/No lens/Micro louvre/Honeycomb louvre
<b>CCT</b>	<b>h-line:</b> 2700K, 3000K, 3500K, 4000K, 5000K
<b>LED binning</b>	<b>h-line:</b> 3-step MacAdam ellipse
<b>CRI</b>	≥94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 40°C (T <sub>c</sub> max = 71.4°C) T <sub>a</sub> = -13 to 104°F (T <sub>c</sub> max = 161°F)
<b>IP Rating</b>	IP44/67
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via clips or brackets
<b>Power feed</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



### LED Grading Key

#### Exclusive Grade

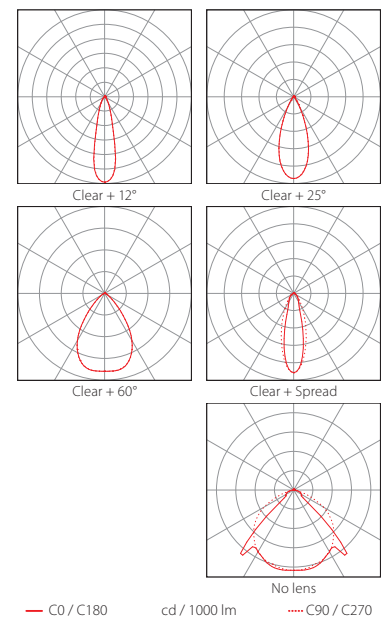
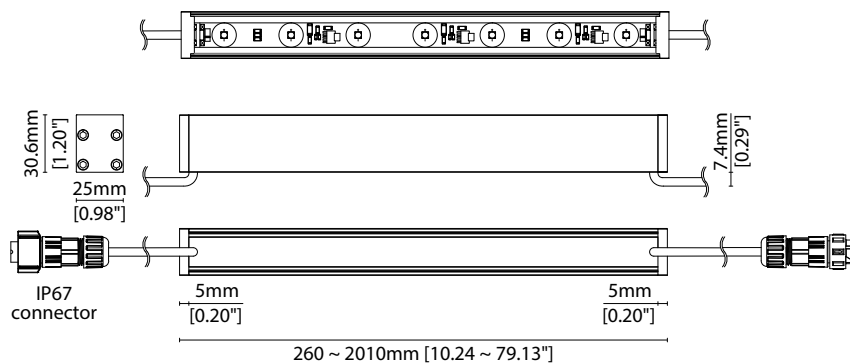
**h-line\*** \*KKDC tuned CCT range  
 Constant Voltage Lensed High Power LED  
 3-step CCT range (4-step for 5000K)

Power consumption	Supply voltage	Supply current
30W/m (9.14W/ft)	24V DC	1.25A/m (0.38A/ft)

### Performance Data (3000K)

h-line	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
	95	98	99	96	95	98	93	84	64	94	98	88	96	99

	Clear + 12°	Clear + 25°	Clear + 60°	Clear + Spread	No lens	Clear Cover + Micro Louvre	Clear Cover + Honeycomb louvre	CRI	R9	Rf	Rg
<b>h-line</b>	2850lm/m (869lm/ft) 95lm/W	2760lm/m (841lm/ft) 92lm/W	2730lm/m (832lm/ft) 91lm/W	2400lm/m (731lm/ft) 80lm/W	2490lm/m (759lm/ft) 83lm/W	-60% Output when combined with Cover and Lens options	-40% Output when combined with Cover and Lens options	94	64	-	-



Data derived from independent UKAS/IESNA LM-79-08 accredited testing of production samples.

# MOMO-L Power P030

## Code Table



### FIXTURE

Model	Finish	Cover/Lens <sup>1</sup>	Grade <sup>2</sup>	LED	Colour (CCT)	Length Availability <sup>3</sup>	IP	Cable Length	Power Feed <sup>4</sup>	Optics	Input												
MOMO-L Power	MO	Silver Anodised	SA	Clear	B	h	h	P030	P030	2700K	27	m	260-2010mm 250mm increments	IP44	44	300mm/ 11.81"	0300	Single ø4.3mm sheath tail	S00A	No lens	xx	DC 24V	g
				Clear+ Micro louvre	K					3000K	30			IP67 <sup>5</sup>	67			Double ø4.3mm sheath tail	D00A	12°	12		
				Clear+ Honeycomb louvre	Z					3500K	35	i	10.24-79.13in 9.84in increments					Single ø4.3mm sheath IP67 Male connector <sup>6</sup>	S67A	25°	25		
										4000K	40		(Specify length code OR total run length)					Double ø4.3mm sheath IP67 connector <sup>6</sup>	D67A	60°	60		
										5000K	50									Spread	SL		

<sup>1</sup> Refer to **Cover/Lens Options** on **Options** pages

<sup>2</sup> Refer to **LED Grading Key** on **Specification sheet** page

<sup>3</sup> Refer to **Length Availability List** or enter total run length instead of length code

<sup>4</sup> Refer to **Power Feed Options** on **Options** pages

<sup>5</sup> Due to the clear, flush potted polyurethane top layer on IP67 MOMO-L Power a colour shift of +/- 20K should be expected

<sup>6</sup> IP67 connectors are used for both IP67 and IP44 product housings

### Code Example:

MO	-	SA	-	B	-	h	-	P030	-	35	-	m	-	510	-	67	-	0300	-	D67A	-	xx	-	g
MOMO-L Power		Silver Anodised		Clear		h		P030		3500K		m		510mm		IP67		300mm/11.81"		Double ø4.3mm sheath IP67 connector		No lens		DC 24V

### ACCESSORIES

#### Mounting Accessories

KKCP-03	Clip (1no.) - allow x3 per metre/40in
KKCP-53	Clip (500no.) - allow x3 per metre/40in
KKCP-17	Lock Clip - allow x2 per metre/40in
KKBK-07	Fixing plate - allow x2 per metre/40in
KKBK-21	Adjustable bracket - allow x2 per metre/40in

\* Refer to **Mounting accessories** on **Accessories** pages

#### Connection Accessories

CN67-2P-0300	IP67 2 PIN male & female 300mm/11.81" pair
CN67-2P-1000	IP67 2 PIN male & female 1000mm/39.37" pair
CN67-2P-3000	IP67 2 PIN male & female 3000mm/118.11" pair

\* Refer to **Power feed** on **Accessories** pages

#### Exterior Junction Boxes

KKJB-07	IP67 Slim J-Box
KKJB-07R	Potting Resin for IP67 Slim J-Box

\* Refer to **Exterior Junction Boxes** on **Accessories** pages

#### PSU/Driver

0-10V/1-10V/DALI/DMX

\* Refer to **Driver/PSU Options** page for details or provide requirement and KKDC to offer the suitable option

# MOMO-L Power P030

## Length Availability List

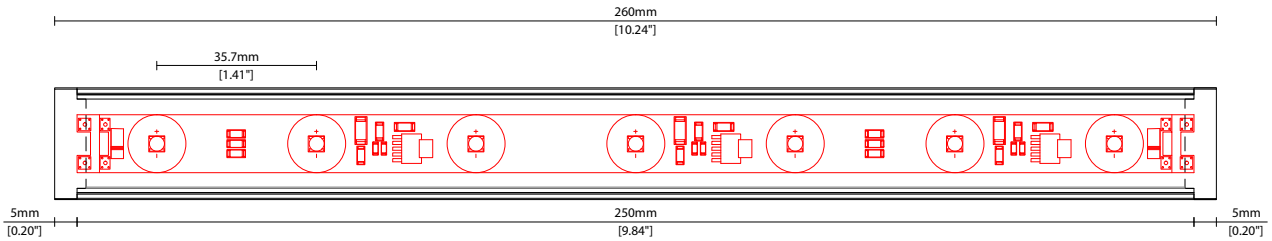


Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension <sup>3</sup>		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)
m0260	i0010	260mm	10.24in	250mm	9.84in	10mm	0.39in	7.50	753
m0510	i0020	510mm	20.08in	500mm	19.69in	10mm	0.39in	15.00	1506
m0760	i0030	760mm	29.92in	750mm	29.53in	10mm	0.39in	22.50	2259
m1010	i0040	1010mm	39.76in	1000mm	39.37in	10mm	0.39in	30.00	3012
m1260	i0050	1260mm	49.61in	1250mm	49.21in	10mm	0.39in	37.50	3765
m1510	i0059	1510mm	59.45in	1500mm	59.06in	10mm	0.39in	45.00	4518
m1760	i0069	1760mm	69.29in	1750mm	68.90in	10mm	0.39in	52.50	5271
m2010	i0079	2010mm	79.13in	2000mm	78.74in	10mm	0.39in	60.00	6024

<sup>1</sup> Actual total overall length of light fixture (LED strip + end caps + void/wire hole)

<sup>2</sup> Actual length of PCB strip

<sup>3</sup> Actual length of 2x end caps





# MOMO-L Power P030 Options

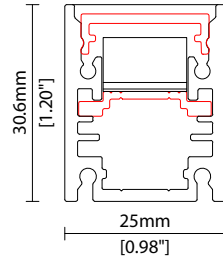


## COVER/LENS OPTIONS

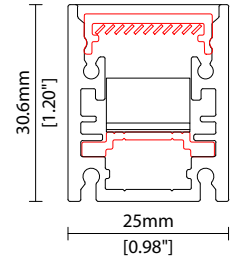
\* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



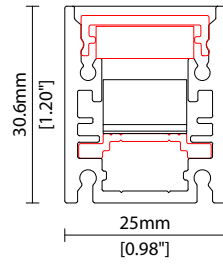
**B** Clear Cover



**K** Clear + Micro louvre

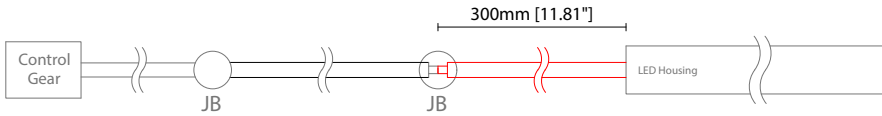


**Z** Clear + Honeycomb louvre

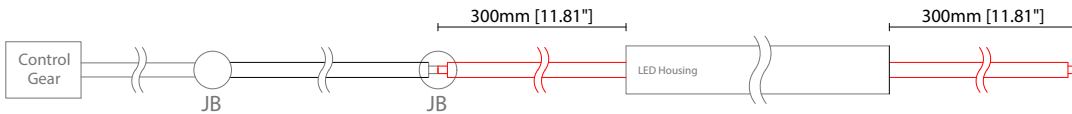


## POWER FEED OPTIONS

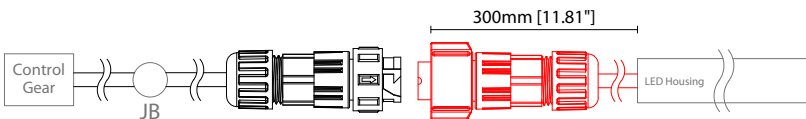
0300 S00A 300mm (11.81") Single Ø4.3mm sheath tail



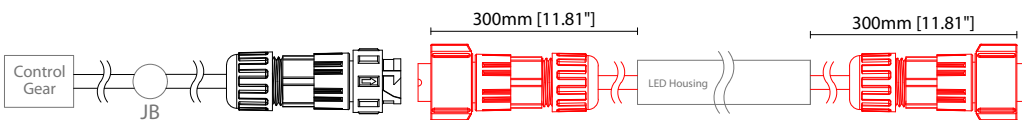
0300 D00A 300mm (11.81") Double Ø4.3mm sheath tail



0300 S67A 300mm (11.81") Single Ø4.3mm sheath IP67 connector

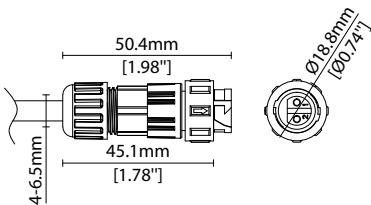


0300 D67A 300mm (11.81") Double Ø4.3mm sheath IP67 connector

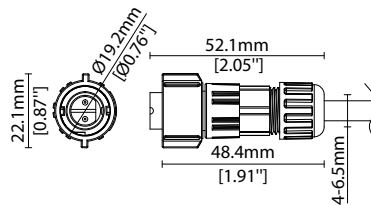


## IP67 2 Pin Connector

Female connector  
2 PIN (IP67)



Male connector  
2 PIN (IP67)

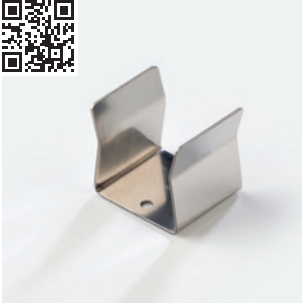


### Key

- Control Gear Power supply, sub-controllers & control systems
- JB Junction box / cable connection

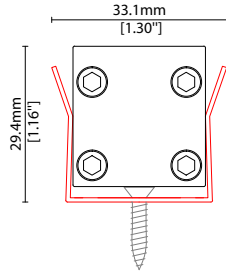
### MOUNTING ACCESSORIES

Note: Accessories are to be ordered separately with corresponding code shown below.



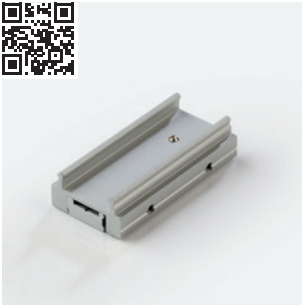
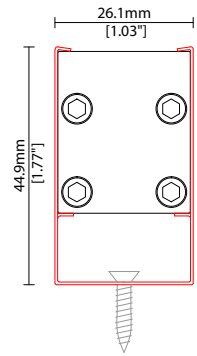
KKCP-03 (1no.)  
KKCP-53 (500no.)

Clip (allow 3 per metre/40in)  
S/Steel finish  
L25/W33.1/H29.4mm  
(L0.98/W1.3/H1.16")

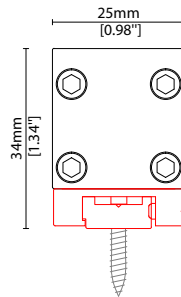


KKCP-17

Lock clip (allow 2 per metre/40in)  
S/Steel finish  
L25/W26.1/H45mm  
(L0.98/W1.03/H1.77")

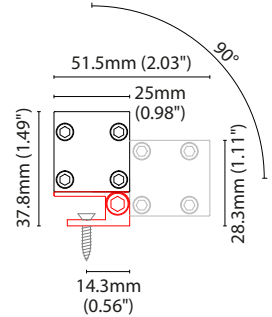


KKBK-07  
Fixing plate (allow 2 per metre/40in)  
Anodised aluminium finish  
L50/W25/H34mm  
(L1.97/W0.98/H1.34")  
Pre-assembled in factory



KKBK-21

Adjustable bracket  
(allow 2 per metre/40in)  
Anodised aluminium finish  
L34/W25/H37.8mm  
(L1.34/W0.98/H1.49")  
Pre-assembled in factory



### POWER FEED



CN67-2P-0300 300mm (11.81in) pair  
CN67-2P-1000 1000mm (39.37in) pair  
CN67-2P-3000 3000mm (118.11in) pair

IP67

2 PIN male + female connector set

### EXTERIOR JUNCTION BOXES



**KKJB-07**

IP67 Slim J-Box  
(including type A,B,C, D bushings)



**KKJB-07R**

Potting resin for IP67 Slim J-Box

### KKDC CONTROL



**KKDM-06** 1-10V

visDIM dimmable sub-controller  
(4 x 8A max @ 12-36V)

IP20  
Plastic housing  
L170/W59/H29mm  
(L6.69/W2.32/H1.14in)



**KKSC-05** DMX

visDIM dimmable sub-controller  
(4 x 5A max @ 12-36V)

IP20  
Plastic housing  
L170/W53.4/H28mm  
(L6.69/W2.10/H1.10in)



**KKDL-02** DALI

visDIM dimmable sub-controller  
(4 x 8A max @ 12-36V)

IP20  
Plastic housing  
L170/W59/H29mm  
(L6.69/W2.32/H1.14in)

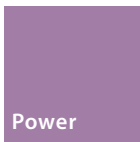


**KKDL-03** DALI

visDIM dimmable sub-controller  
(4 x 5A max @ 12-36V)

IP20  
Plastic housing  
L166/W53.4/H23mm  
(L6.54/W2.10/H0.91in)





# MOMO Power P030

## Driver/PSU Options



### AVAILABLE PSU OPTIONS

Control Mode	PSU (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating
Switched	CEN-60-24	90-295V	24V	2.5A	60W	-	IP67
	HLG-60H-24	90-305V	24V	2.5A	60W	-	IP67
	HLG-100H-24	90-305V	24V	4.0A	100W	-	IP67
	HLG-150H-24	90-305V	24V	6.3A	150W	-	IP67
	HLG-240H-24	90-305V	24V	10A	240W	-	IP67
0-10V (1-10V)	PWM-40-24	90-305V	24V	1.67A	40W	100-0.15 (100-10)	IP67
	PWM-60-24	90-305V	24V	2.5A	60W	100-0.15 (100-10)	IP67
	PWM-90-24	90-305V	24V	3.67A	90W	100-0.15 (100-10)	IP67
	PWM-120-24	90-305V	24V	5.0A	120W	100-0.15 (100-10)	IP67
DALI	LIN100A1	120-277V	24V	1A per channel	100W	100-0.1	IP66/IP40
DMX RGB	LIN100A1	120-277V	24V	1.33A per channel	100W	100-0.1	IP66/IP40
DMX RGBW	LIN100A1	120-277A	24V	1A per channel	100W	100-0.1	IP66/IP40

### Flicker Free Options - Combination of PSU+ sub-controller

Control Mode	PSU (Order Code)	Sub-controller (Order Code)	Input Voltage AC	Output Voltage DC	Rated Output Current	Rated Power	Dim %	IP Rating PSU/ Sub-controller
0-10V or 1-10V	CEN-60-24	KKDM-06	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKDM-06	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKDM-06	90-295V	24V	4.0A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKDM-06	90-295V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKDM-06	90-295V	24V	10.0A	240W	100-0.9	IP67/IP20
DALI	CEN-60-24	KKDL-02/03	90-295V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-60H-24	KKDL-02/03	90-305V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-100H-24	KKDL-02/03	90-305V	24V	4.0A	100W	100-0.1	IP67/IP20
	HLG-150H-24	KKDL-02/03	90-305V	24V	6.3A	150W	100-0.1	IP67/IP20
	HLG-240H-24	KKDL-02/03	90-305V	24V	10.0A	240W	100-0.1	IP67/IP20
DMX RGB	CEN-60-24	KKSC-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKSC-05	90-305V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKSC-05	90-305V	24V	4A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKSC-05	90-305V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKSC-05	90-305V	24V	10.0A	240W	100-0.9	IP67/IP20

<sup>1</sup> The items shown above cover the most frequently used specification but does not exhaust the possible options

<sup>2</sup> PSU and/or driver can be chosen from the table, or KKDC may recommend the best option upon receipt of the controls requirement and installation environment

<sup>3</sup> Electrical shop drawing will include detailed information of PSU and relevant control drivers

<sup>4</sup> Cut sheets are available on the controls section of [www.kkdc.lighting](http://www.kkdc.lighting) or upon request