

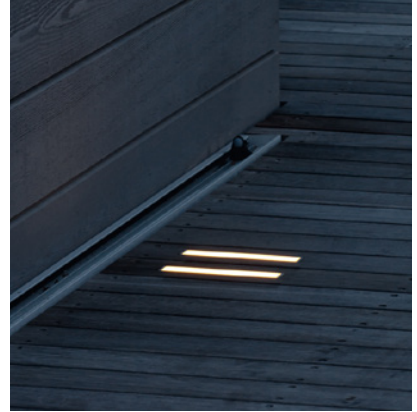
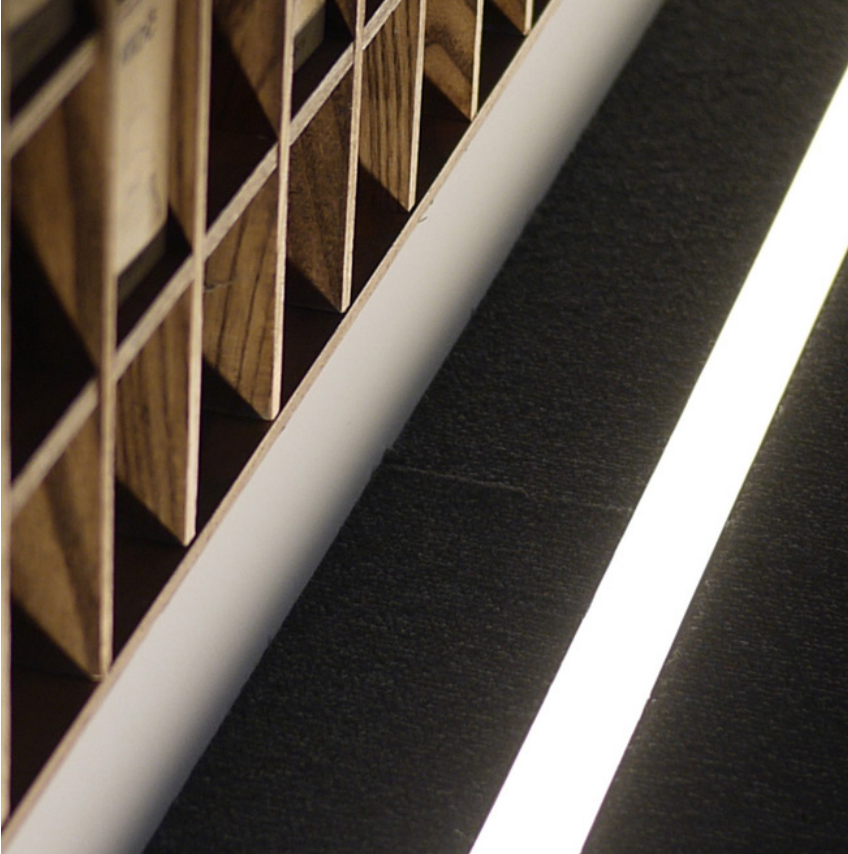
Linear

# MoMo-BLOC 007

## Fixture Guide

# KKDÖ

Indoor/Outdoor | Recessed | Tight pitch output up to 182lm/m (56lm/ft)

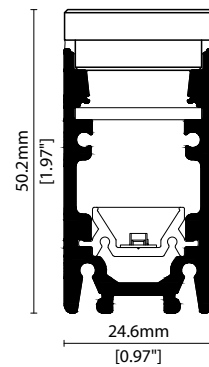


### Key applications

- ✓ Interior/Exterior
- ✓ Orientation lighting
- ✓ Public spaces
- ✓ Uplighting
- ✓ Wall grazing

### Key features

- ✓ Diffusion: Homogenous
- ✓ Direct view
- ✓ Extensive CCT range
- ✓ Form factor: Large
- ✓ In-ground walk/driveover
- ✓ IP67
- ✓ Output low



### MOUNTING METHODS



KKBG-01 Ground box



KKBG-02 Ground box



KKBG-03 Ground box

Linear

# MoMo-BLOC 007

## Specification sheet



<b>Dimension</b>	H50.15/W24.6/L524/1024mm (H1.98/W0.97/L20.63/40.31in)
<b>PCB increment</b>	41.7mm increment/1000mm max (1.64in increment/39.37in max)
<b>LED pitch</b>	6.9mm - 144LED/m (0.27in - 44LED/ft)
<b>Chip</b>	<b>s/e-line</b> Toyoda Gosei <b>k-line</b> Toyoda Gosei or Equivalent
<b>Beam angle</b>	78° (Frosted glass)
<b>Colours</b>	<b>s-line</b> 2300K/3000K/3400K/4000K <b>e/k-line</b> 2300K/3000K/3400K/4000K/4100K
<b>Bin/Step</b>	<b>s-line</b> 2-step MacAdam ellipse <b>e/k-line</b> 3-step MacAdam ellipse
<b>CRI</b>	≥ 90
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 58°C (T <sub>c</sub> max = 64.4°C) T <sub>a</sub> = -13 to 136.4°F (T <sub>c</sub> max = 147.9°F)
<b>IP rating</b>	IP67
<b>Finish</b>	Silver/Hard anodised (stainless steel ground box)
<b>Cover/lens</b>	Frosted glass
<b>Mounting</b>	Recessed ground box
<b>Connection</b>	Sheathed hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI
<b>Drive over</b>	EN 60598-2-13:2006+A1:2012 (Static load, Torque and Shear load testing)
<b>IK Rating</b>	IEC 62262:2010/IK08



### LED Grading Key

<b>Exclusive Grade</b>	
<b>s-line*</b> 2-step CCT range	*KKDC tuned CCT range
<b>e-line*</b> 3-step CCT range	
<b>Base Grade</b>	
<b>k-line</b> 3-step commercial range Energy Star CCTs	

### PERFORMANCE DATA @ 3000K

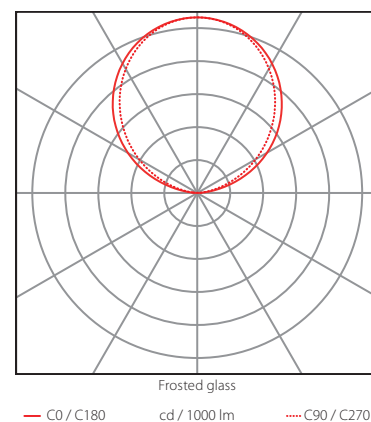
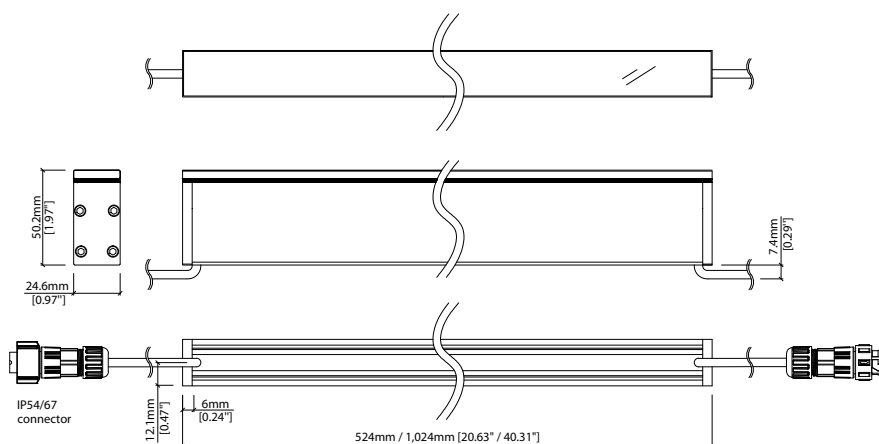
Power Consumption	Supply voltage	Supply current
10.9W/m (3.32W/ft)	24V DC	0.45A/m (0.14A/ft)

### Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
<b>k-line</b>	94	97	98	93	93	96	92	83	60	93	94	82	95	99

### Frosted glass

					CRI	R9	Rf	Rg
<b>s/e-line</b>	182lm/m (56lm/ft)	16.7lm/W			93	62	-	-
<b>k-line</b>	180lm/m (55lm/ft)	16.5lm/W			92	60	-	-



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

### FIXTURE

Model	Finish	Cover <sup>1</sup>	Grade <sup>2</sup>	LED	Colour (CCT)	Length Availability <sup>3</sup>	IP	Cable Length	Power Feed <sup>4</sup>	Input															
MoMo-BLOC	BL	Silver Anodised	SA	Frosted Glass	M	s	007	2300K (2100K PCB) <sup>6</sup>	23	m 524/1024mm	IP67	67	300mm/11.81"	0300	Single ø4.3mm sheath tail	S00A	DC 24V	g							
															1000mm/39.37"	1000			Double ø4.3mm sheath tail	D00A					
	Hard Anodised <sup>5</sup>	HA							3000K (2500K PCB) <sup>6</sup>	30						Single ø4.3mm sheath IP67 connector	S67A								
																Double ø4.3mm sheath IP67 connector	D67A								
																3400K (2700K PCB) <sup>6</sup>	34								
																4000K (3000K PCB) <sup>6</sup>	40								
																4100K (3200K PCB) <sup>6,7</sup>	41								
RED	RED	s-only																							
	GREEN	GRN																							
	BLUE	BLU																							
	ORANGE	ORN																							
	AMBER	AMB																							

<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> Hard anodised finish reduces light output by an average of 30%

<sup>6</sup> Actual colour temperature after colour shift caused by silicone potting

<sup>7</sup> 4100K (3200K PCB) is only available in e/k-line

### Code Example:

BL	-	SA	-	M	-	s	-	007	-	40	-	m	524	-	67	-	0300	-	D00A	-	g
MoMo-BLOC		Silver Anodised		Frosted Glass				007		4000K (3000K PCB)		524mm		IP67		300mm/11.81"		Double ø4.3mm sheath tail		DC 24V	

### ACCESSORIES

#### Mounting Accessories

KKBG-01	Ground box 01
KKBG-02	Ground box 02
KKBG-03	Ground box 03

\* 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

### LED ENGINE VARIANTS (LED STRIP TYPE)

Colour	Output	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length
Single CCT	Low	352	100	31	5.5	1.67	MoMo-BLOC 352	524/1024mm (20.63/40.31in)
	Low	504	230	70	12.5	3.81	MoMo-BLOC 504	524/1024mm (20.63/40.31in)
	Low	508	320	98	17.5	5.33	MoMo-BLOC 508	524/1024mm (20.63/40.31in)
	Low	007	182	56	10.9	3.32	MoMo-BLOC 007	524/1024mm (20.63/40.31in)
RGB		501	Red 30 Green 88 Blue 14 RGB 127	Red 9 Green 27 Blue 4 RGB 39	15.6	4.75	MoMo-BLOC RGB	524/1024mm (20.63/40.31in)

\* Performance data: s/e-line, frosted glass, 3000K

Linear

# MoMo-BLOC 007

## 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)	Range Data
m0524	i0020	524mm	20.63in	500mm	19.69in	10mm	0.39in	5.45	90	59-94
m1024	i0040	1024mm	40.31in	1000mm	39.37in	10mm	0.39in	10.90	180	118-187

<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

41.7mm  
[1.64"]  
6.8mm  
[0.27"]



12mm [0.47"]	500mm/1000mm [19.69"/39.37"]	12mm [0.47"]
	524mm/1024mm [20.63"/40.31"]	



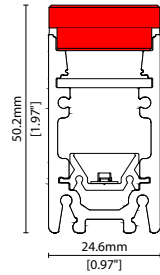
# MoMo-BLOC 007

## Options



### COVER/LENS OPTIONS

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

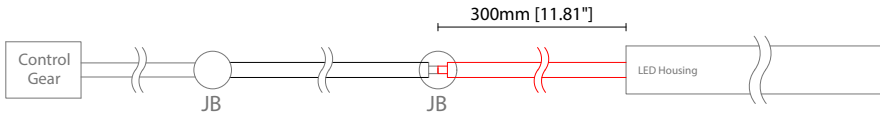


**M** Frosted Glass Cover  
W24.6/H50.2mm (W0.97/H1.97")

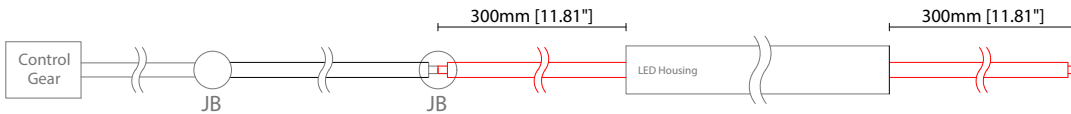
### POWER FEED OPTIONS

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

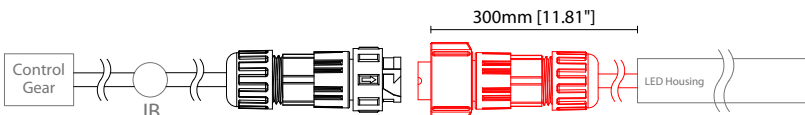
**0300 S00A 300mm (11.81") Single Ø4.3mm sheath tail**



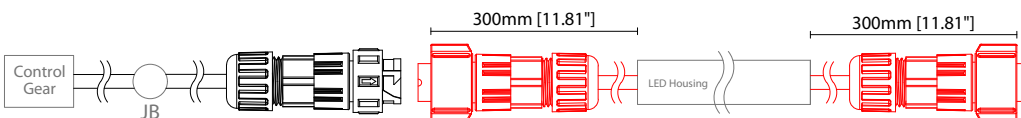
**0300 D00A 300mm (11.81") Double Ø4.3mm sheath tail**



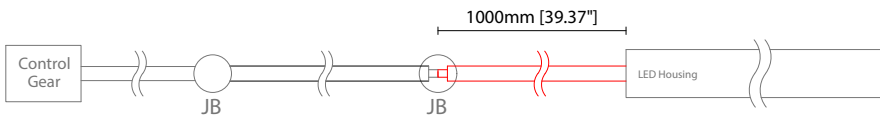
**0300 S67A 300mm (11.81") Single Ø4.3mm sheath IP67 connector**



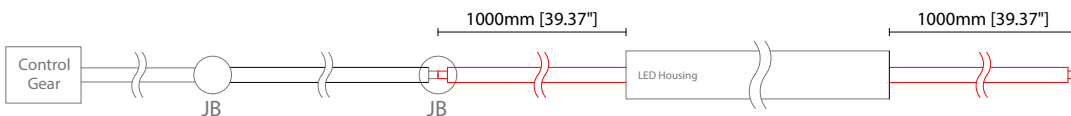
**0300 D67A 300mm (11.81") Double Ø4.3mm sheath IP67 connector**



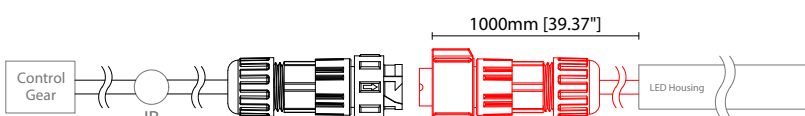
**1000 S00A 1000mm (39.37") Single Ø4.3mm sheath tail**



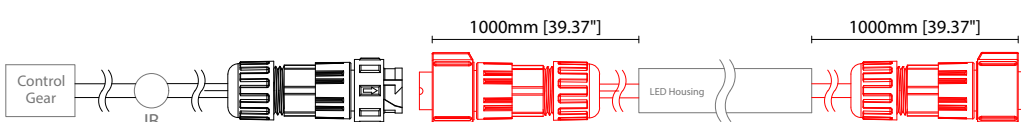
**1000 D00A 1000mm (39.37") Double Ø4.3mm sheath tail**



**1000 S67A 1000mm (39.37") Single Ø4.3mm sheath IP67 connector**



**1000 D67A 1000mm (39.37") Double Ø4.3mm sheath IP67 connector**



### Key

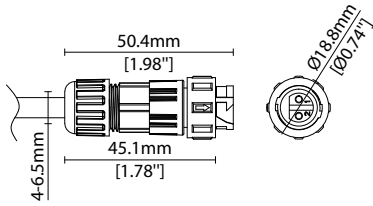
Control Gear Power supply, sub-controllers & control systems

JB Junction box / cable connection

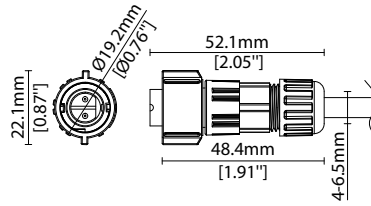
**POWER FEED OPTIONS (CONTINUED)**

**IP67 2 Pin Connector**

Female connector  
2 PIN (IP67)



Male connector  
2 PIN (IP67)



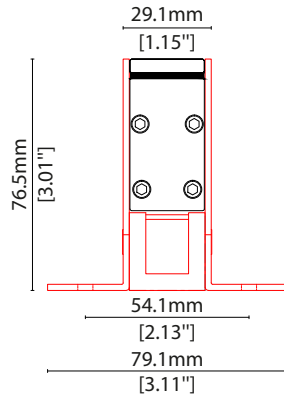
### MOUNTING ACCESSORIES

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



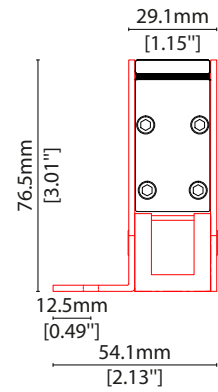
#### KKBG-01 \*

Ground box 01  
Stainless steel finish  
W79.1/H76.5mm (W3.11/H3.01")  
\* Specify length to match BLOC



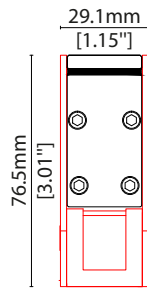
#### KKBG-02 \*

Ground box 02  
Stainless steel finish  
W54.1/H76.5mm (W2.13/H3.01")  
\* specify length to match BLOC

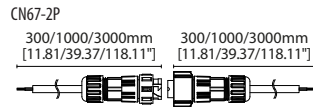


#### KKBG-03 \*

Ground box 03  
Stainless steel finish  
W29.1/H76.5mm (W1.15/H3.01")  
\* specify length to match BLOC



### 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)

### 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