

Linear

MiMi 352 Fixture Guide

KKDÖ

Indoor/Outdoor | Surface | Low output up to 340lm/m (103lm/ft)

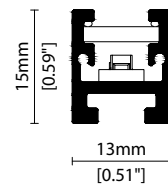


Key applications

- ✓ Architectural detail
- ✓ Bathrooms
- ✓ Cove lighting
- ✓ Hand rail
- ✓ Indirect lighting
- ✓ Interior/Exterior
- ✓ Mirror back lighting
- ✓ Shelving display
- ✓ Under bench

Key features

- ✓ Custom lengths
- ✓ Diffusion: Spotting
- ✓ Extensive CCT range
- ✓ Form factor: Small
- ✓ IP54
- ✓ IP67
- ✓ Output low



MOUNTING METHODS



KKCP-02 Clip



KKCP-14 Locking clip



KKBK-06 Fixed bracket



KKBK-05 Adjustable bracket



EB End Cap Bracket

Linear

MiMi 352

Specification sheet



Dimension	H15/W13/L103.3-2020mm* (H0.59/W0.51/L4.07-79.53in*) *Nano Louvre = 1020mm/40.16in Max
PCB increment	83.3mm increment/2000mm* (3.28in increment/78.74in*) *Nano Louvre = 1000mm/39.37in Max
LED pitch	13.9mm - 72LED/m (0.55in - 22LED/ft)
Chip	s/e-line Toyoda Gosei k-line Toyoda Gosei or Equivalent
Beam angle	75° (Clear Cover)/95° (Diffused cover)/35° (Nano Louvre)/63° (Black Cover)
Colours	s/e-line 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K Single colours: Red/Green/Blue/Orange/Amber k-line 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2-step MacAdam ellipse e/k-line 3-step MacAdam ellipse
CRI	≥ 90
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 60°C (T _c max = 65°C) T _a = -13 to 140°F (T _c max = 149°F)
IP rating	IP54/IP67
Finish	Silver anodised
Cover/lens	Clear/Diffused/Diffused+Nano Louvre/Black
Mounting	Surface mounting via clips or brackets
Power feed	Sheathed hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

- s-line*** 2-step CCT range *KKDC tuned CCT range
- e-line*** 3-step CCT range

Base Grade

- k-line** 3-step commercial range Energy Star CCTs

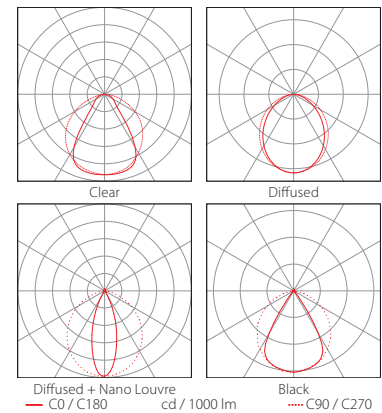
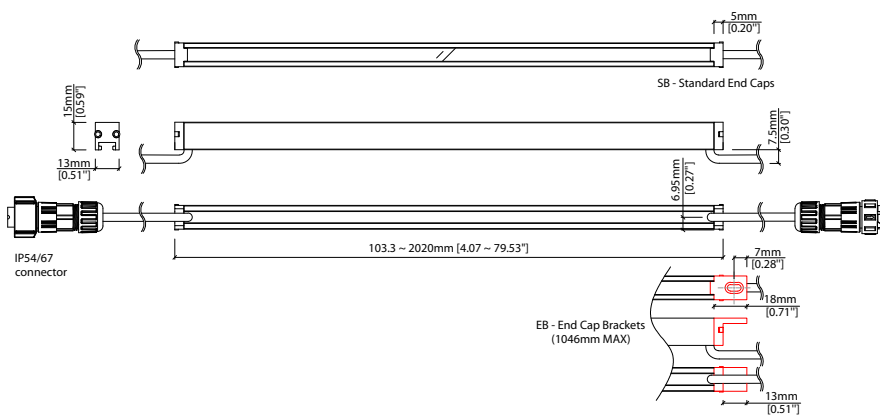
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
5.5W/m (1.67W/ft)	24V DC	0.23A/m (0.07A/ft)

Colour Rendering Index (CRI)

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

	Clear	Diffused	Diffused + Nano Louvre	Black	CRI	R9	Rf	Rg
s/e-line	340lm/m (103lm/ft) 61lm/W	260lm/m (80lm/ft) 48.4lm/W	67lm/m (20lm/ft) 12.2lm/W	200lm/m (61lm/ft) 36.4lm/W	93	62	-	-
k-line	330lm/m (101lm/ft) 60.1lm/W	260lm/m (79lm/ft) 47.7lm/W	67lm/m (20lm/ft) 12.2lm/W	195lm/m (59lm/ft) 35.5lm/w	92	60	-	-



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

FIXTURE

Model	Finish	Cover ¹	Grade ²	LED	Colour (CCT)	Length Availability ³	IP	Cable Length	Power Feed ⁴	Fixing	Input									
MiMi	MI	Silver Anodised	SA	Clear	B	s	s	352	1900K	19	m 103.3-2020mm 83.3mm increments	IP54 54 IP67 ⁶ 67	300mm/ 11.81"	0300	Single ø4.3mm sheath tail	S00A	Standard End Cap	SB	DC 24V	g
					C	e	e	2100K	21											
					CN	k	k	2300K	23											
								2500K	25											
								2700K	27											
								3000K	30											
								3500K	35											
								4000K	40											
								5000K	50											
								RED	RED s only											
								GREEN	GRN											
								BLUE	BLU											
								ORANGE	ORN											
								AMBER	AMB											

¹ Refer to **Cover Options** on **Options** pages

² Refer to **LED Grading Key** on **Specification sheet** page

³ Refer to **Length Availability List** or enter total run length instead of length code

⁴ Refer to **Power Feed Options** on **Options** pages

⁵ Max length available with Nano Louvre is 1020mm

⁶ Due to the clear, flush potted polyurethane top layer on IP67 MiMi a colour shift of +/-20K should be expected

⁷ IP67 connectors are used for both IP67 and IP54 product housings

Code Example:

MI	-	SA	-	CN	-	s	-	352	-	35	-	m	520	-	67	-	0300	-	S00A	-	EB	-	g
MiMi		Silver Anodised		Diffused + Nano Louvre		s		352		3500K		519.8mm		IP67		300mm/11.81"		Single ø4.3mm sheath tail		End Cap Bracket		DC 24V	

ACCESSORIES

Mounting Accessories

KKCP-02	Clip (1no.)
KKCP-52	Clip (500na)
KKCP-14	Lock Clip
KKBK-06	Fixed bracket
KKBK-05	Adjustable bracket

* 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	Increment
Single CCT	Low	352	340	103	5.5	1.67	MiMi 352	103.3-2020mm (4.07-79.53in)	83.3mm (3.28in)
	Mid	504	820	250	12.5	3.81	MiMi 504	120-2020mm (4.72-79.53in)	100mm (3.94in)
	Mid	508	1130	344	17.5	5.33	MiMi 508	91.4-2020mm (3.60-79.53in)	71.4mm (2.81in)
	Mid	007	620	189	10.9	3.32	MiMi 007	103.4-2020mm (4.07-79.53in)	41.7mm (1.64in)
	Mid	010	920	280	10	3.05	MiMi A010	97-2020mm (3.82-79.53in)	38.46mm (1.51in)
Warm Dim/Dynamic White	Max	020	1840	561	20	6.10	MiMi A020	97-2020mm (3.82-79.53in)	38.46mm (1.51in)
	Mid	207	590	180	11	3.35	MiMi 207	103.3-2020mm (4.07-79.53in)	83.3mm (3.28in)
RGB	Mid	208	1000	338	15.6	4.75	MiMi 208	186.7-2020mm (7.35-79.53in)	166.7mm (6.56in)
		501	Red 98 Green 210 Blue 35 RGB 305	Red 30 Green 64 Blue 11 RGB 93	15.6	4.75	MiMi RGB	103.3-2020mm (4.07-79.53in)	83.3mm (3.28in)

* Performance data: A/s/e-line, clear cover, 3000K

MiMi 352

Length Availability List

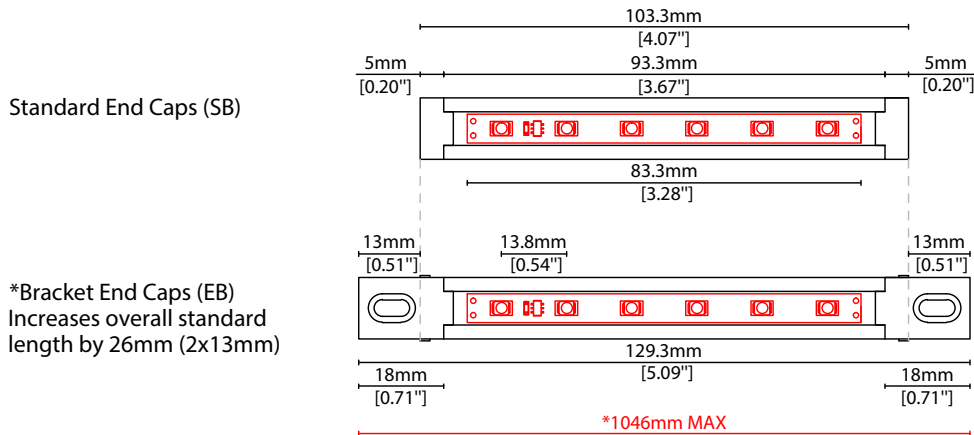


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0103	i0004	103mm	4.07in	83mm	3.28in	10mm	0.39in	0.46	28	4-29
m0187	i0007	187mm	7.35in	167mm	6.56in	10mm	0.39in	0.92	56	9-58
m0270	i0011	270mm	10.63in	250mm	9.84in	10mm	0.39in	1.37	84	13-87
m0353	i0014	353mm	13.91in	333mm	13.12in	10mm	0.39in	1.83	112	18-116
m0437	i0017	437mm	17.19in	417mm	16.41in	10mm	0.39in	2.29	140	22-145
m0520	i0020	520mm	20.47in	500mm	19.69in	10mm	0.39in	2.75	168	27-174
m0603	i0024	603mm	23.76in	583mm	22.97in	10mm	0.39in	3.21	196	31-204
m0687	i0027	687mm	27.04in	667mm	26.25in	10mm	0.39in	3.67	224	36-233
m0770	i0030	770mm	30.32in	750mm	29.53in	10mm	0.39in	4.12	252	40-262
m0853	i0034	853mm	33.60in	833mm	32.81in	10mm	0.39in	4.58	280	45-291
m0937	i0037	937mm	36.88in	917mm	36.09in	10mm	0.39in	5.04	308	49-320
m1020	i0040	1020mm	40.16in	1000mm	39.37in	10mm	0.39in	5.50	335	54-349
m1103	i0043	1103mm	43.44in	1083mm	42.65in	10mm	0.39in	5.96	363	58-378
m1187	i0047	1187mm	46.72in	1167mm	45.94in	10mm	0.39in	6.42	391	63-407
m1270	i0050	1270mm	50.00in	1250mm	49.22in	10mm	0.39in	6.87	419	67-436
m1353	i0053	1353mm	53.29in	1333mm	52.50in	10mm	0.39in	7.33	447	72-465
m1437	i0057	1437mm	56.57in	1417mm	55.78in	10mm	0.39in	7.79	475	76-494
m1520	i0060	1520mm	59.85in	1500mm	59.06in	10mm	0.39in	8.25	503	81-523
m1603	i0063	1603mm	63.13in	1583mm	62.34in	10mm	0.39in	8.71	531	85-552
m1687	i0066	1687mm	66.41in	1667mm	65.62in	10mm	0.39in	9.17	559	89-582
m1770	i0070	1770mm	69.69in	1750mm	68.90in	10mm	0.39in	9.62	587	94-611
m1853	i0073	1853mm	72.97in	1833mm	72.18in	10mm	0.39in	10.08	615	98-640
m1937	i0076	1937mm	76.25in	1917mm	75.47in	10mm	0.39in	10.54	643	103-669
m2020	i0080	2020mm	79.53in	2000mm	78.75in	10mm	0.39in	11.00	671	107-698

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

² Actual length of PCB strip

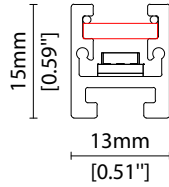
³ Actual length of 2x end caps



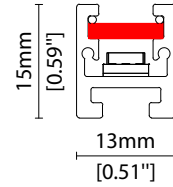
***IMPORTANT NOTE:**
DUE TO POTENTIAL PROFILE 'SAGGING' THE MAX LENGTH AVAILABLE WITH END CAP BRACKETS IS 1046mm.

COVER OPTIONS

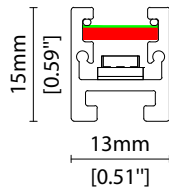
* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



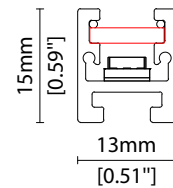
B Clear Cover
Polycarbonate
W13/H15mm (W0.51"/H0.59")



C Diffused Cover
Polycarbonate finish
W13/H15mm (W0.51"/H0.59")

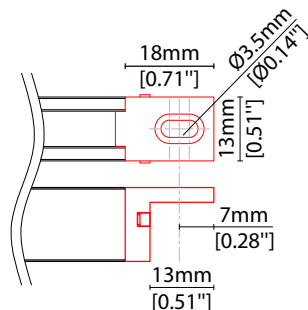


CN Diffused Cover + Nano Louvre
Polycarbonate cover with anti-glare, 30° cut-off view angle
W13/H15mm (W0.51"/H0.59")



Y Black Clear Cover
Dark tinted translucent polycarbonate
60% light output
W13/H15mm (W0.51"/H0.59")

END CAP OPTION

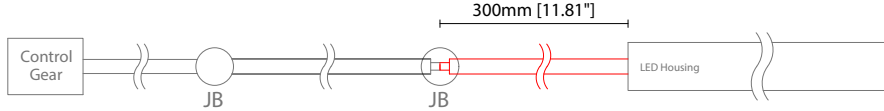


EB End Cap Bracket (Pair)
Handrail installation
Compatible up to 1m/40"
L18/W13/H15mm
(L0.7/W0.51/H0.59")

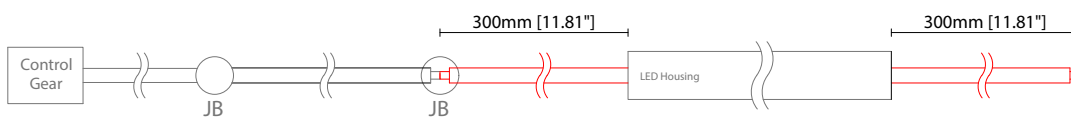
POWER FEED OPTIONS

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

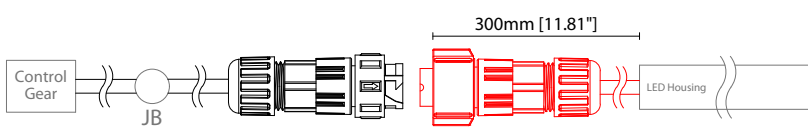
0300 S00A 300mm (11.81") Single \varnothing 4.3mm sheath tail



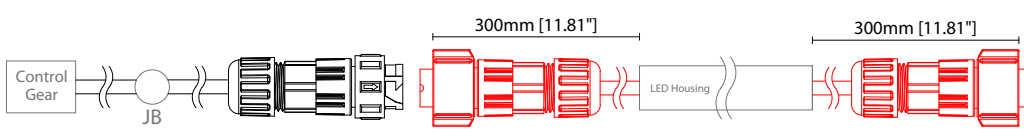
0300 D00A 300mm (11.81") Double \varnothing 4.3mm sheath tail



0300 S67A 300mm (11.81") Single \varnothing 4.3mm sheath IP67 connector

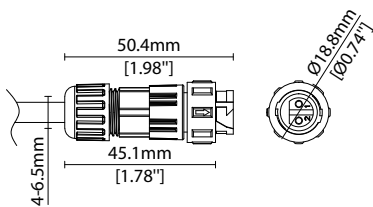


0300 D67A 300mm (11.81") Double \varnothing 4.3mm sheath IP67 connector

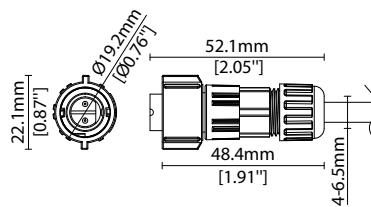


IP67 2 Pin Connector

Female connector
2 PIN (IP67)



Male connector
2 PIN (IP67)

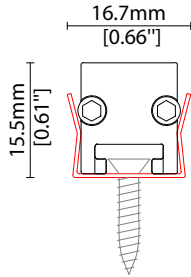


Key

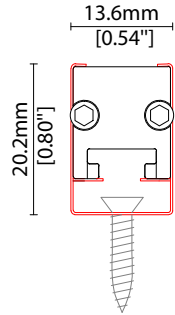
- Control Gear Power supply, sub-controllers & control systems
- JB Junction box / cable connection

MOUNTING ACCESSORIES

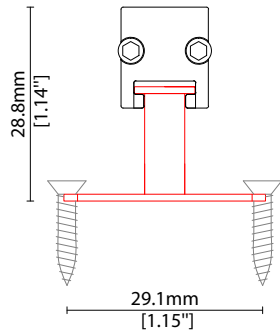
Note: Accessories are to be ordered separately with corresponding code shown below.



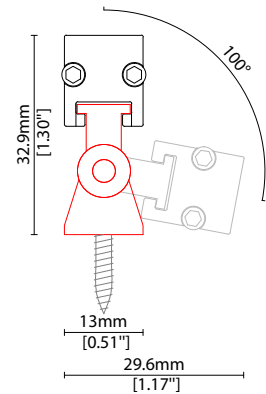
KKCP-02 (1no.)
KKCP-52 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish
L25/W16.7/H15.5mm
(L0.98/W0.66/H0.61")



KKCP-14
Lock clip (allow 2 per metre/40in)
S/Steel finish
L25/W14/H21mm
(L0.98/W0.55/H0.83")



KKBK-06
Fixed bracket (allow 3 per
metre/40in)
S/Steel finish
L20/W29.1/H28.8mm
L0.79/W1.15/H1.13"



KKBK-05
Adjustable bracket
(allow 2 per metre/40in)
S/Steel finish
W13/H32.9mm
W0.51/H1.3"

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

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

² 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

³ Electrical shop drawing will include detailed information of PSU and relevant control drivers

⁴ Cut sheets are available on the controls section of www.kkdc.lighting or upon request