

Linear

MiMi 007 Fixture Guide

KKDÖ

Indoor/Outdoor | Surface | Tight pitch output up to 620lm/m (189lm/ft)

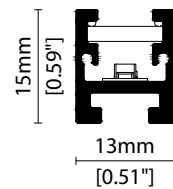


Key applications

- ✓ 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 mid



MOUNTING METHODS



KKCP-02 Clip



KKCP-14 Locking clip



KKBK-06 Fixed bracket



KKBK-05 Adjustable bracket



EB End Cap Bracket

Linear

MiMi 007

Specification sheet



Dimension	H15/W13/L103.4-2020mm* (H0.59/W0.51/L4.07-79.53in*) *Nano Louvre = 1020mm/40.16in Max
PCB increment	41.7mm increment/2000mm* (1.64in increment/78.74in*) *Nano Louvre = 1000mm/39.37in Max
LED pitch	6.9mm - 144LED/m (0.27in - 44LED/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 45°C (T _c max = 60°C) T _a = -13 to 113°F (T _c max = 140°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

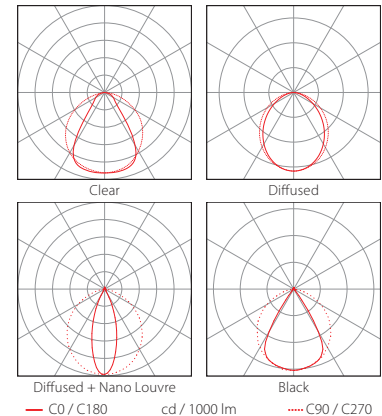
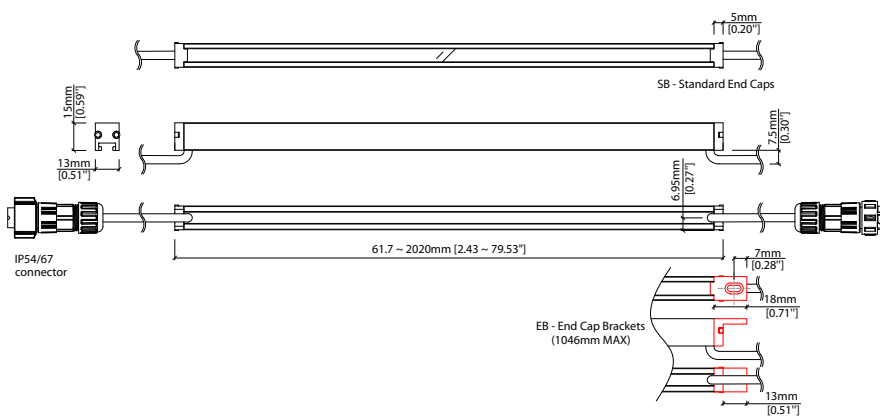
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
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
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	620lm/m (189lm/ft) 57.1lm/W	500lm/m (151lm/ft) 45.4lm/W	129lm/m (39lm/ft) 11.8lm/W	370lm/m (113lm/ft) 33.9lm/W	93	62	-	-
k-line	610lm/m (186lm/ft) 56.3lm/W	490lm/m (149lm/ft) 44.7lm/W	126lm/m (38lm/ft) 11.6lm/W	365lm/m (111lm/ft) 33.5lm/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	007	1900K	19	m	103.4-2020mm 41.7mm increments	IP54	54	300mm/ 11.81"	0300	Single ø4.3mm sheath tail	S00A	Standard End Cap	SB	DC 24V	g
					C	e e	2100K	21	i	4.07-79.53in 1.64in increments	(Specify length code OR total run length)	IP67 ⁶	67	Double ø4.3mm sheath tail	D00A	End Cap Bracket	EB				
					CN	k k	2300K	23													
					Diffused + Nano Louvre ⁵	Y	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	-	007	-	35	-	m	-	520	-	67	-	0300	-	S00A	-	EB	-	g
MiMi		Silver Anodised		Diffused + Nano Louvre		s		007		3500K		520.4mm		IP67		300mm/11.81"		0300		Single ø4.3mm sheath tail		End Cap Bracket		DC 24V

ACCESSORIES
Mounting Accessories

KKCP-02	Clip (1no.)
KKCP-52	Clip (500no.)
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)
Warm Dim/Dynamic White	Mid	010	920	280	10	3.05	MiMi A010	97-2020mm (3.82-79.53in)	38.46mm (1.51in)
	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)
	Mid	208	1000	338	15.6	4.75	MiMi 208	186.7-2020mm (7.35-79.53in)	166.7mm (6.56in)
RGB	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 007

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	0.91	52	8-54
m0145	i0006	145mm	5.71in	125mm	4.92in	10mm	0.39in	1.36	78	13-81
m0187	i0007	187mm	7.35in	167mm	6.56in	10mm	0.39in	1.82	104	17-108
m0228	i0009	228mm	8.99in	208mm	8.20in	10mm	0.39in	2.27	130	21-135
m0270	i0011	270mm	10.63in	250mm	9.84in	10mm	0.39in	2.73	156	25-162
m0312	i0012	312mm	12.27in	292mm	11.48in	10mm	0.39in	3.18	182	30-189
m0353	i0014	353mm	13.91in	333mm	13.12in	10mm	0.39in	3.63	207	34-216
m0395	i0016	395mm	15.55in	375mm	14.76in	10mm	0.39in	4.09	233	38-243
m0437	i0017	437mm	17.19in	417mm	16.41in	10mm	0.39in	4.54	259	42-270
m0478	i0019	478mm	18.83in	458mm	18.05in	10mm	0.39in	5.00	285	46-297
m0520	i0020	520mm	20.47in	500mm	19.69in	10mm	0.39in	5.45	311	51-324
m0562	i0022	562mm	22.11in	542mm	21.33in	10mm	0.39in	5.90	337	55-351
m0603	i0024	603mm	23.76in	583mm	22.97in	10mm	0.39in	6.36	363	59-378
m0645	i0025	645mm	25.40in	625mm	24.61in	10mm	0.39in	6.81	389	63-405
m0687	i0027	687mm	27.04in	667mm	26.25in	10mm	0.39in	7.27	415	67-432
m0728	i0029	728mm	28.68in	708mm	27.89in	10mm	0.39in	7.72	441	72-458
m0770	i0030	770mm	30.32in	750mm	29.53in	10mm	0.39in	8.18	467	76-485
m0812	i0032	812mm	31.96in	792mm	31.17in	10mm	0.39in	8.63	493	80-512
m0853	i0034	853mm	33.60in	833mm	32.81in	10mm	0.39in	9.08	519	84-539
m0895	i0035	895mm	35.24in	875mm	34.45in	10mm	0.39in	9.54	545	89-566
m0937	i0037	937mm	36.88in	917mm	36.09in	10mm	0.39in	9.99	571	93-593
m0978	i0039	978mm	38.52in	958mm	37.73in	10mm	0.39in	10.45	596	97-620
m1020	i0040	1020mm	40.16in	1000mm	39.37in	10mm	0.39in	10.90	622	101-647
m1062	i0042	1062mm	41.80in	1042mm	41.01in	10mm	0.39in	11.35	648	105-674
m1103	i0043	1103mm	43.44in	1083mm	42.65in	10mm	0.39in	11.81	674	110-701
m1145	i0045	1145mm	45.08in	1125mm	44.29in	10mm	0.39in	12.26	700	114-728
m1187	i0047	1187mm	46.72in	1167mm	45.94in	10mm	0.39in	12.72	726	118-755
m1228	i0048	1228mm	48.36in	1208mm	47.58in	10mm	0.39in	13.17	752	122-782
m1270	i0050	1270mm	50.00in	1250mm	49.22in	10mm	0.39in	13.63	778	126-809
m1312	i0052	1312mm	51.64in	1292mm	50.86in	10mm	0.39in	14.08	804	131-836
m1353	i0053	1353mm	53.29in	1333mm	52.50in	10mm	0.39in	14.53	830	135-863
m1395	i0055	1395mm	54.93in	1375mm	54.14in	10mm	0.39in	14.99	856	139-890
m1437	i0057	1437mm	56.57in	1417mm	55.78in	10mm	0.39in	15.44	882	143-917
m1478	i0058	1478mm	58.21in	1458mm	57.42in	10mm	0.39in	15.90	908	148-944
m1520	i0060	1520mm	59.85in	1500mm	59.06in	10mm	0.39in	16.35	934	152-971
m1562	i0061	1562mm	61.49in	1542mm	60.70in	10mm	0.39in	16.80	960	156-998
m1603	i0063	1603mm	63.13in	1583mm	62.34in	10mm	0.39in	17.26	985	160-1025
m1645	i0065	1645mm	64.77in	1625mm	63.98in	10mm	0.39in	17.71	1011	164-1052
m1687	i0066	1687mm	66.41in	1667mm	65.62in	10mm	0.39in	18.17	1037	169-1079
m1728	i0068	1728mm	68.05in	1708mm	67.26in	10mm	0.39in	18.62	1063	173-1106
m1770	i0070	1770mm	69.69in	1750mm	68.90in	10mm	0.39in	19.08	1089	177-1133
m1812	i0071	1812mm	71.33in	1792mm	70.54in	10mm	0.39in	19.53	1115	181-1160
m1853	i0073	1853mm	72.97in	1833mm	72.18in	10mm	0.39in	19.98	1141	185-1187

MiMi 007

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
m1895	i0075	1895mm	74.61in	1875mm	73.82in	10mm	0.39in	20.44	1167	190-1214
m1937	i0076	1937mm	76.25in	1917mm	75.47in	10mm	0.39in	20.89	1193	194-1241
m1978	i0078	1978mm	77.89in	1958mm	77.11in	10mm	0.39in	21.35	1219	198-1268
m2020	i0080	2020mm	79.53in	2000mm	78.75in	10mm	0.39in	21.80	1245	202-1295

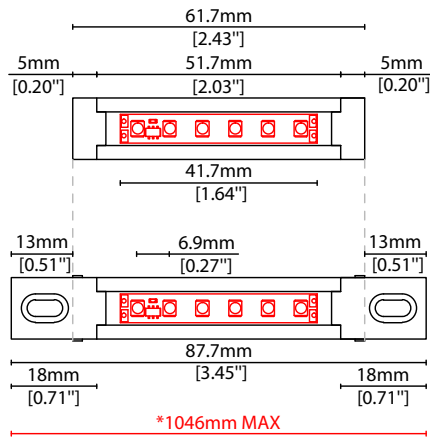
¹ Actual total overall length of light fixture (LED strip + end caps + void/wire hole)

² Actual length of PCB strip

³ Actual length of 2x end caps

Standard End Caps (SB)

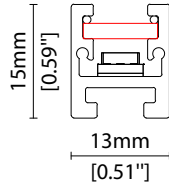
*Bracket End Caps (EB)
Increases overall standard length by 26mm (2x13mm)



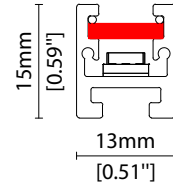
***IMPORTANT NOTE:**
DUE TO POTENTIAL PROFILE 'SAGGING' THE MAX LENGTH AVAILABLE WITH END CAP BRACKETS IS 1046mm.

COVER OPTIONS

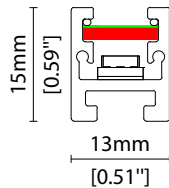
* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



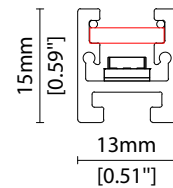
B Clear Cover
Polycarbonate
W13/H15mm (W0.51"/H0.59")



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

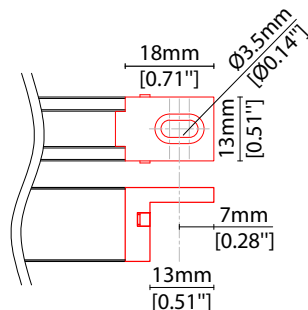


CN Diffused Cover + Nano Louvre
Polycarbonate cover with anti-glare, 30° cut-off view angle
W13/H15mm (W0.51"/H0.59")



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

END CAP OPTION

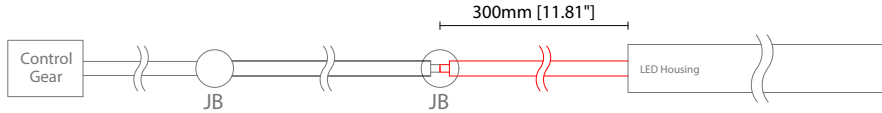


EB End Cap Bracket (Pair)
Handrail installation
Compatible up to 1m/40"
L18/W13/H15mm
(L0.7/W0.51/H0.59")

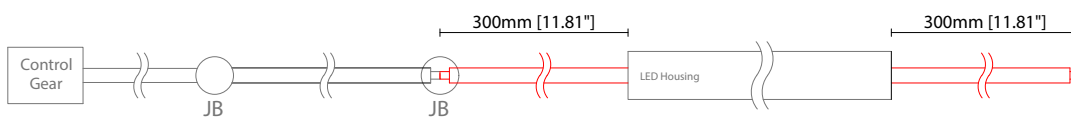
POWER FEED OPTIONS

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

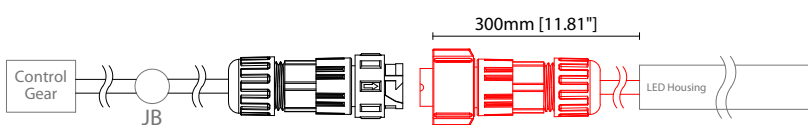
0300 S00A 300mm (11.81") Single \varnothing 4.3mm sheath tail



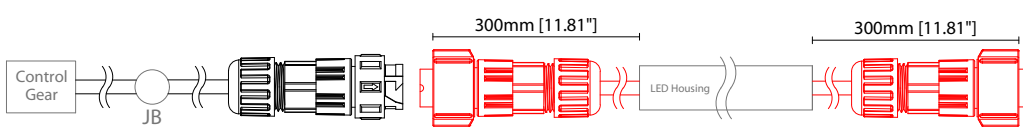
0300 D00A 300mm (11.81") Double \varnothing 4.3mm sheath tail



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

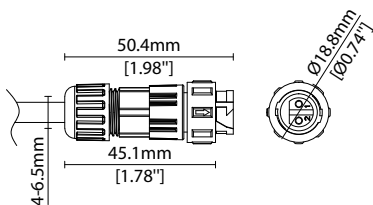


0300 D67A 300mm (11.81") Double \varnothing 4.3mm sheath IP67 connector

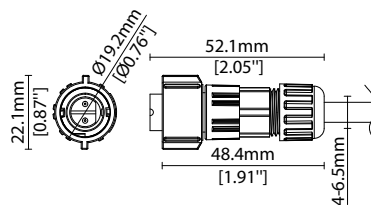


IP67 2 Pin Connector

Female connector
2 PIN (IP67)



Male connector
2 PIN (IP67)

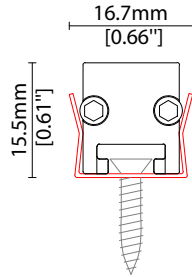


Key

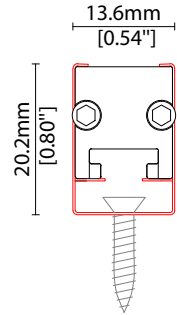
- Control Gear Power supply, sub-controllers & control systems
- JB Junction box / cable connection

MOUNTING ACCESSORIES

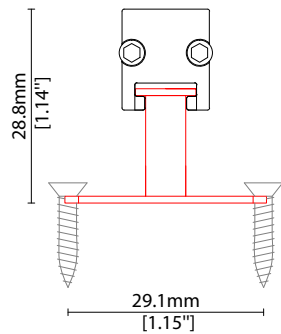
Note: Accessories are to be ordered separately with corresponding code shown below.



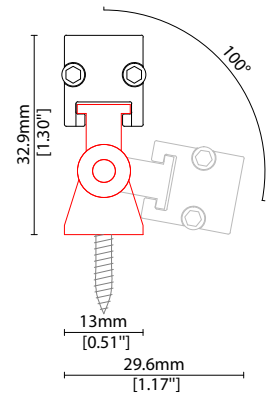
KKCP-02 (1no.)
KKCP-52 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish
L25/W16.7/H15.5mm
(L0.98/W0.66/H0.61")



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