

Linear

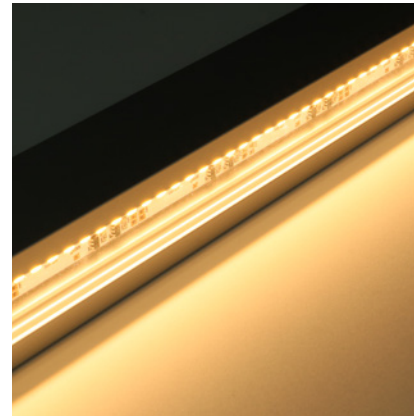
MoMo-L A040 (40W) Fixture Guide

KKDÖ

Indoor/Outdoor | Surface | Max output up to 3160lm/m (963lm/ft)



≤11-79lm/W

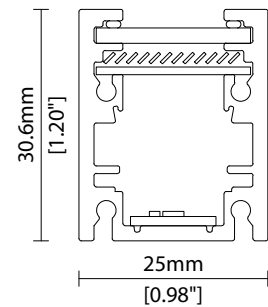


Key applications

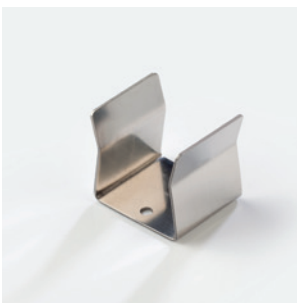
- ✓ Bathrooms
- ✓ Building façades
- ✓ Ceiling
- ✓ Downlighting
- ✓ Interior/Exterior
- ✓ Public spaces
- ✓ Retail display
- ✓ Wall grazing
- ✓ Window Reveal

Key features

- ✓ Custom lengths
- ✓ Diffusion: Homogenous
- ✓ Direct view
- ✓ Extensive CCT range
- ✓ Form factor: Medium
- ✓ Glare Control
- ✓ High lumen efficacy
- ✓ IP54
- ✓ IP67
- ✓ Lensed
- ✓ Output max



MOUNTING METHODS



KKCP-03 Clip



KKCP-17 Lock clip



KKBK-07 Fixing plate



KKBK-21 Adjustable bracket

Linear

MoMo-L A040 (40W)

Specification sheet



Dimension	H30/W25/L97-1520mm* (H1.18/W0.98/L3.82-59.84in*) *Nano Louvre = 1020mm/40.16in Max
PCB increment	38.46mm increment/1500mm max (1.51in increment/59.06in max) *Nano Louvre = 1000mm/39.37in Max
LED pitch	4.8mm - 208LED/m (0.19in - 64LED/ft)
Chip	A-line
Beam angle	70° (Clear)/95° (Diffused)/35° (Diffused + Nano Louvre)
Colours	A-line 2700K/3000K/4000K
Bin/Step	A-line 3-step MacAdam ellipse
CRI	94
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -20 to 50°C (T _c max = 87.1°C) T _a = -13 to 122°F (T _c max = 189°F)
IP rating	IP54/IP67
Finish	Silver anodised
Cover/lens	Clear/Clear + 23° (KKLN-03)/Clear + 23° (KKLN-03) + Micro Louvre/ Clear + Micro Louvre/Diffused/Diffused + Nano Louvre
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 *KKDC tuned CCT range

A-line* 3-step CCT range

KKDC highest lumen efficacy LED

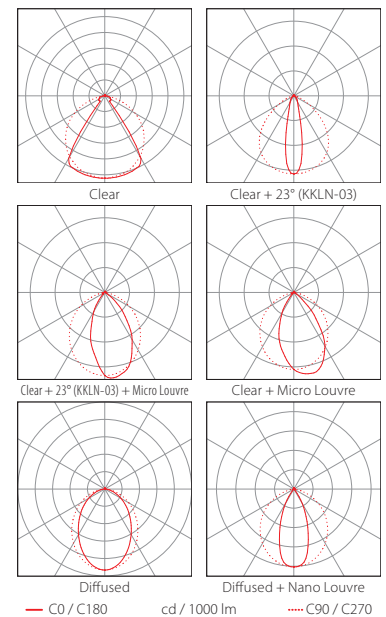
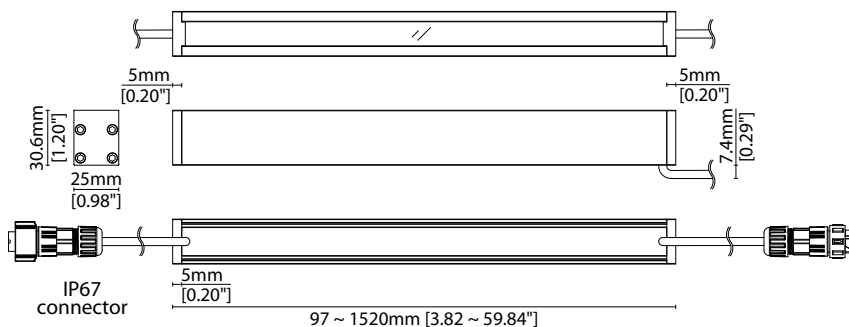
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
40W/m (12.19W/ft)	24V DC	1.67A/m (0.51A/ft)

Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
A-line	94	96	95	94	93	94	95	87	70	89	94	76	95	97

	Clear	Clear + 23° (KKLN-03)	Clear + 23° (KKLN-03) + Micro Louvre	Clear + Micro Louvre	Diffused	Diffused + Nano Louvre	CRI	R9	Rf	Rg
A-line	3160lm/m (963lm/ft) 79lm/W	1800lm/m (549lm/ft) 45lm/W	520lm/m (158lm/ft) 13lm/W	1120lm/m (341lm/ft) 28lm/W	1320lm/m (402lm/ft) 33lm/W	440lm/m (134lm/ft) 11lm/W	94	70	-	-



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

Linear

MoMo-L A040 (40W) Code Table



FIXTURE

Model	Finish	Cover/Lens ¹	Grade ²	LED	Colour (CCT)	Length Availability ³	IP	Cable Length	Power Feed ⁴	Input							
MoMo-L	MO Silver Anodised	SA															
		Clear	B	A-	A	040	2700K	27	m	97-1520mm 38.46mm increments	IP54 54 IP67 ⁵ 67	300mm/ 11.81"	0300	Single ø4.3mm sheath tail	S00A	DC 24V	g
		Clear + 23° (KKLN-03)	A				3000K	30							Double ø4.3mm sheath tail	D00A	
		Clear + Micro Louvre	K				4000K	40							Single ø4.3mm sheath IP67 connector ⁷	S67A	
		Clear + 23° (KKLN-03) + Micro Louvre	AK												Double ø4.3mm sheath IP67 connector ⁷	D67A	
		Diffused	C														
		Diffused + Nano Louvre ⁵	CN														

¹ Refer to **Cover/Lens 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 MoMo-L a colour shift of +/- 20K should be expected
⁷ IP67 connectors are used for both IP67 and IP54 product housings

Code Example:

MO	-	SA	-	C	-	A	-	040	-	30	-	m	520	-	67	-	0300	-	D67A	-	g	
MoMo-L		Silver Anodised		Diffused		A-		040		3000K		520mm		IP67		300mm/11.81"		0300		Double ø4.3mm sheath IP67 connector		DC 24V

ACCESSORIES

Mounting Accessories

KKCP-03	Clip (1no.)
KKCP-53	Clip (500no.)
KKCP-17	Lock Clip
KKBK-07	Fixing plate
KKBK-21	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	320	100	5.5	1.67	MoMo-L 352	103.3-2020mm (4.07-79.53in)	83.3mm (3.28in)
	Mid	504	760	232	12.5	3.81	MoMo-L 504	120-2020mm (4.72-79.53in)	100mm (3.94in)
	Mid	508	1040	317	17.5	5.33	MoMo-L 508	91.4-2020mm (3.60-79.53in)	71.4mm (2.81in)
	Max	512	1800	548	30.2	9.2	MoMo-L 512	91.4-2020mm (3.60-79.53in)	71.4mm (2.81in)
	Max	040	3160	963	40	12.19	MoMo-L A040	97-1520mm (3.82-59.84in)	38.46mm (1.51in)
Warm Dim/Dynamic White	Mid	207	570	171	11	3.35	MoMo-L 207	103.3-2020mm (4.07-79.53in)	83.3mm (3.28in)
	Mid	208	920	311	15.6	4.75	MoMo-L 208	186.7-2020mm (7.35-79.53in)	166.7mm (6.56in)
RGB		501	Red 95 Green 206 Blue 34 RGB 318	Red 29 Green 63 Blue 10 RGB 97	15.6	4.75	MoMo-L RGB	103.3-2020mm (4.07-79.53in)	83.3mm (3.28in)

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

Linear

MoMo-L A040 (40W)

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)
m0097	i0004	97mm	3.82in	77mm	3.03in	10mm	0.39in	3.08	243
m0135	i0005	135mm	5.33in	115mm	4.54in	10mm	0.39in	4.62	365
m0174	i0007	174mm	6.84in	154mm	6.06in	10mm	0.39in	6.15	486
m0212	i0008	212mm	8.36in	192mm	7.57in	10mm	0.39in	7.69	608
m0251	i0010	251mm	9.87in	231mm	9.09in	10mm	0.39in	9.23	729
m0289	i0011	289mm	11.39in	269mm	10.60in	10mm	0.39in	10.77	851
m0328	i0013	328mm	12.90in	308mm	12.11in	10mm	0.39in	12.31	972
m0366	i0014	366mm	14.42in	346mm	13.63in	10mm	0.39in	13.85	1094
m0405	i0016	405mm	15.93in	385mm	15.14in	10mm	0.39in	15.38	1215
m0443	i0017	443mm	17.44in	423mm	16.66in	10mm	0.39in	16.92	1337
m0482	i0019	482mm	18.96in	462mm	18.17in	10mm	0.39in	18.46	1458
m0520	i0020	520mm	20.47in	500mm	19.68in	10mm	0.39in	20.00	1580
m0558	i0022	558mm	21.99in	538mm	21.20in	10mm	0.39in	21.54	1701
m0597	i0024	597mm	23.50in	577mm	22.71in	10mm	0.39in	23.08	1823
m0635	i0025	635mm	25.01in	615mm	24.23in	10mm	0.39in	24.61	1945
m0674	i0027	674mm	26.53in	654mm	25.74in	10mm	0.39in	26.15	2066
m0712	i0028	712mm	28.04in	692mm	27.26in	10mm	0.39in	27.69	2188
m0751	i0030	751mm	29.56in	731mm	28.77in	10mm	0.39in	29.23	2309
m0789	i0031	789mm	31.07in	769mm	30.28in	10mm	0.39in	30.77	2431
m0828	i0033	828mm	32.59in	808mm	31.80in	10mm	0.39in	32.31	2552
m0866	i0034	866mm	34.10in	846mm	33.31in	10mm	0.39in	33.84	2674
m0905	i0036	905mm	35.61in	885mm	34.83in	10mm	0.39in	35.38	2795
m0943	i0037	943mm	37.13in	923mm	36.34in	10mm	0.39in	36.92	2917
m0982	i0039	982mm	38.64in	962mm	37.85in	10mm	0.39in	38.46	3038
m1020	i0040	1020mm	40.16in	1000mm	39.37in	10mm	0.39in	40.00	3160
m1058	i0042	1058mm	41.67in	1038mm	40.88in	10mm	0.39in	41.54	3281
m1097	i0043	1097mm	43.18in	1077mm	42.40in	10mm	0.39in	43.08	3403
m1135	i0045	1135mm	44.70in	1115mm	43.91in	10mm	0.39in	44.61	3524
m1174	i0046	1174mm	46.21in	1154mm	45.43in	10mm	0.39in	46.15	3646
m1212	i0048	1212mm	47.73in	1192mm	46.94in	10mm	0.39in	47.69	3768
m1251	i0049	1251mm	49.24in	1231mm	48.45in	10mm	0.39in	49.23	3889
m1289	i0051	1289mm	50.76in	1269mm	49.97in	10mm	0.39in	50.77	4011
m1328	i0052	1328mm	52.27in	1308mm	51.48in	10mm	0.39in	52.31	4132
m1366	i0054	1366mm	53.78in	1346mm	53.00in	10mm	0.39in	53.84	4254
m1405	i0055	1405mm	55.30in	1385mm	54.51in	10mm	0.39in	55.38	4375
m1443	i0057	1443mm	56.81in	1423mm	56.02in	10mm	0.39in	56.92	4497
m1481	i0058	1481mm	58.33in	1461mm	57.54in	10mm	0.39in	58.46	4618
m1520	i0060	1520mm	59.84in	1500mm	59.05in	10mm	0.39in	60.00	4740

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

² Actual length of PCB strip

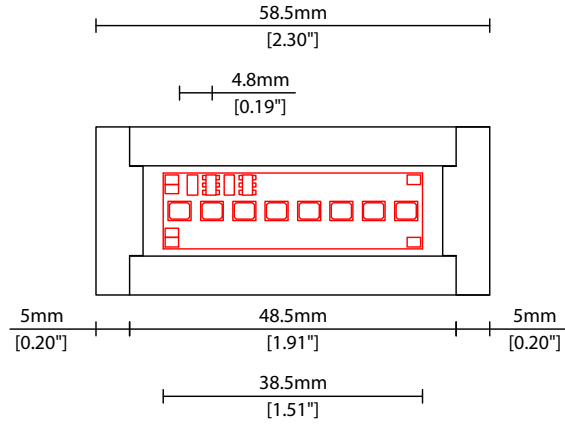
³ Actual length of 2x end caps

Linear

MoMo-L A040 (40W)

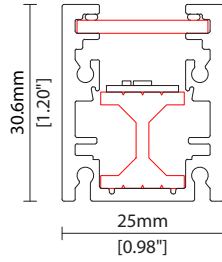
Length Availability List

KKDC

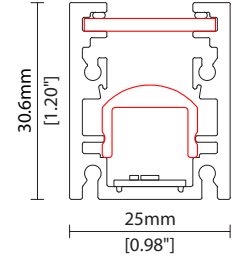


COVER/LENS OPTIONS

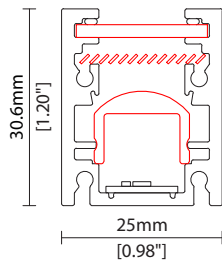
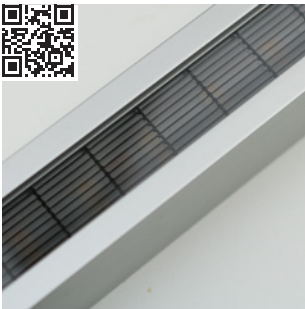
* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



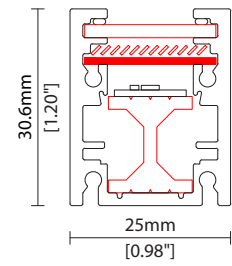
B Clear Cover



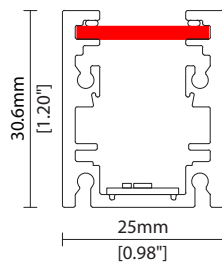
A Clear Cover + 23°
(KKLN-03) lens



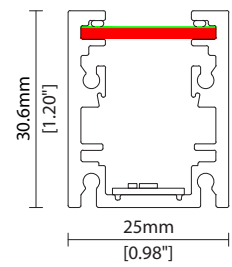
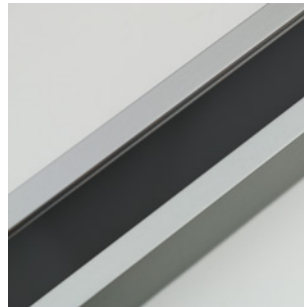
AK Clear Cover + 23° (KKLN-03)
lens + Micro Louvre



K Clear Cover + Micro Louvre
(diffused internal cover)



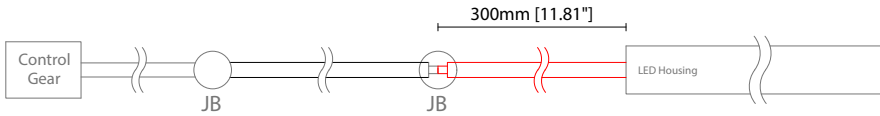
C Diffused Cover



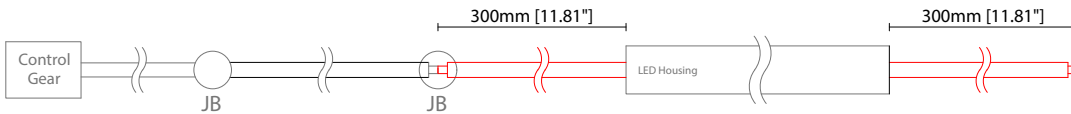
CN Diffused Cover + Nano Louvre

POWER FEED OPTIONS

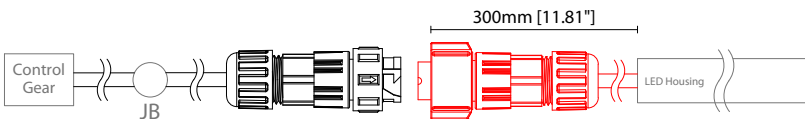
0300 S00A 300mm (11.81") Single Ø4.3mm sheath tail



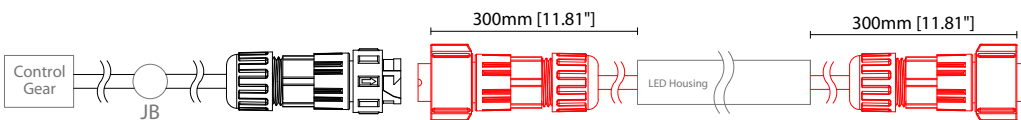
0300 D00A 300mm (11.81") Double Ø4.3mm sheath tail



0300 S67A 300mm (11.81") Single ø4.3mm sheath IP67 connector

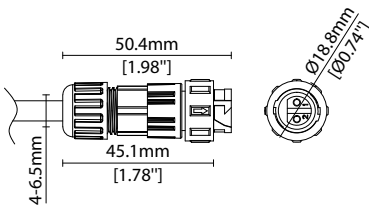


0300 D67A 300mm (11.81") Double ø4.3mm sheath IP67 connector

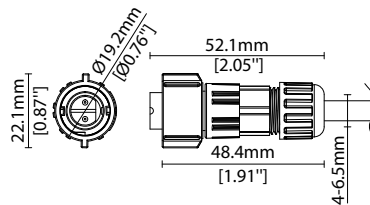


IP67 2 Pin Connector

Female connector
2 PIN (IP67)



Male connector
2 PIN (IP67)



Key

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

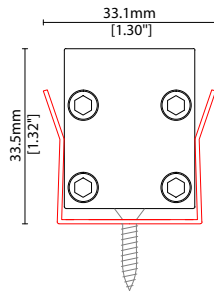
MOUNTING ACCESSORIES

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



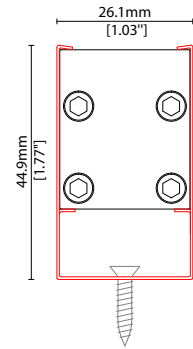
KKCP-03 (1no.)
KKCP-53 (500no.)

Clip (allow 3 per metre/40in)
S/Steel finish
L25/W33.1/H33.5mm
(L0.98/W1.3/H1.32")



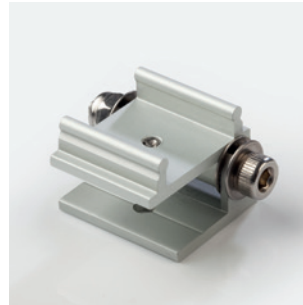
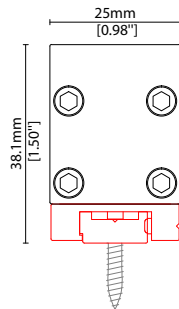
KKCP-17

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



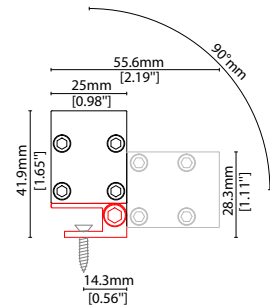
KKBK-07

Fixing plate (allow 2 per metre/40in)
Anodised aluminium finish
L50/W25/H38mm
(L1.97/W0.98/H1.5")
Pre-assembled in factory

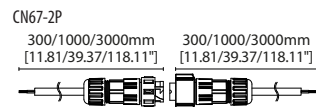


KKBK-21

Adjustable bracket
(allow 2 per metre/40in)
Anodised aluminium finish
L34/W25/H41.9mm
(L1.34/W0.98/H1.65")
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

Linear

MoMo-L A040 (40W)

Accessories

KKDC

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