

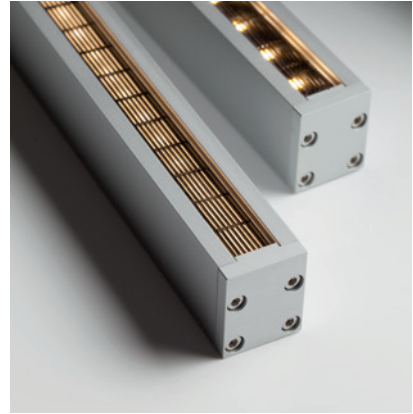
Linear

MoMo-L 352

Fixture Guide

KKDÖ

Indoor/Outdoor | Surface | Low output up to 320lm/m (100lm/ft)

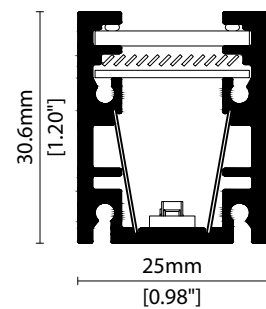


Key applications

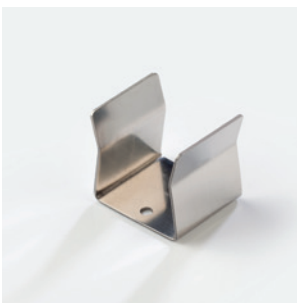
- ✓ Bathrooms
- ✓ Building façades
- ✓ Ceiling
- ✓ Downlighting
- ✓ Interior/Exterior
- ✓ Public spaces
- ✓ Retail display
- ✓ Wall grazing
- ✓ Window Reveal

Key features

- ✓ Custom lengths
- ✓ Diffusion: Spotting
- ✓ Direct view
- ✓ Extensive CCT range
- ✓ Form factor: Medium
- ✓ Glare Control
- ✓ IP54
- ✓ IP67
- ✓ Lensed
- ✓ Output low



MOUNTING METHODS



KKCP-03 Clip



KKCP-17 Lock clip



KKBK-07 Fixing plate



KKBK-21 Adjustable bracket

Linear

MoMo-L 352

Specification sheet



Dimension	H30/W25/L103.3-2020mm (H1.18/W0.98/L4.07-79.53in)
PCB increment	83.3mm increment/2000mm max (3.28in increment/78.74in max)
LED pitch	13.9mm - 72LED/m (0.55in - 22LED/ft)
Chip	s/e-line Toyoda Gosei k-line Samsungi
Beam angle	70° (Clear Cover) / 95° (Diffused Cover) / 18° (KKLN-01 lens)
Colours	s/e-line 2100K/2500K/2700K/3000K/3500K/4000K/5000K s-line Single colours: Red/Green/Blue/Orange/Amber k-line 1900K/2100K/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/18° lens option/18° lens option+Micro Louvre Clear/Micro 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

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

*KKDC tuned CCT range

Base Grade

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

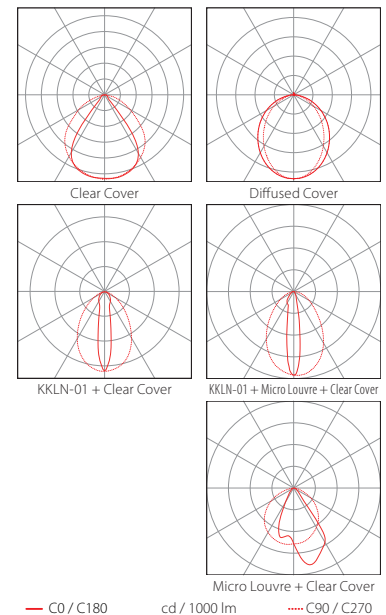
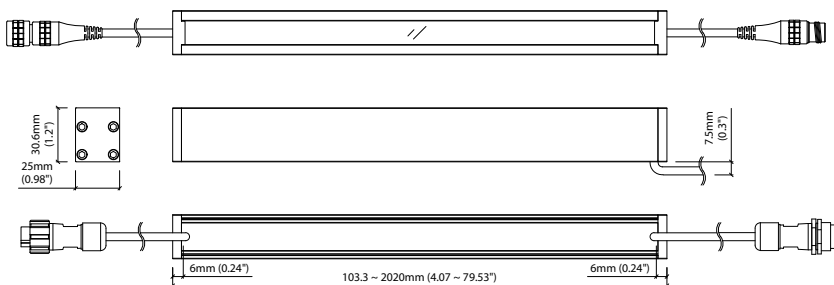
PERFORMANCE DATA @ 3000K

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 Cover	Diffused Cover	KKLN-01 + Clear Cover	KKLN-01 + Micro Louvre + Clear Cover	Micro Louvre + Clear Cover	CRI	R9	Rf	Rg
s/e-line	320lm/m (100lm/ft) 58.5lm/W	190lm/m (59lm/ft) 35.3lm/W	160lm/m (50lm/ft) 28.9lm/W	80lm/m (25lm/ft) 15.2lm/W	110lm/m (35lm/ft) 20.1lm/W	93	62	-	-
k-line	320lm/m (98lm/ft) 57.6lm/W	190lm/m (58lm/ft) 34.8lm/W	160lm/m (49lm/ft) 28.5lm/W	80lm/m (24lm/ft) 15lm/W	110lm/m (34lm/ft) 19.8lm/W	92	60	-	-



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

FIXTURE

Model	Finish	Cover/Lens*	Grade**	LED	Colour (CCT)	Length Availability***	IP	Cable Length	Power Feed****	Input	
MoMo-L MO	Silver Anodised SA	Clear	B	s	352	1900K ²	m	IP54 54 IP67 ³ 67	300mm/ 11.81"	Single ø4.3mm sheath tail	DC 24V g
			S		19	103.3-2020mm 83.3mm increments					
		Diffused	C	e	2100K	21	i	4.07-79.53in 3.28in increments	(Specify length code OR total run length)	Double ø4.3mm sheath tail	D00A
			E		25						
		Clear+KKLN-01	P	k	2500K	25				Single ø4.3mm sheath IP54 connector ⁴	S54A
			K		27						
		Clear+ Micro Louvre ¹	U		3000K	30				Double ø4.3mm sheath IP54 connector ⁴	D54A
					3500K	35					
		Clear+ KKLN-01+ Micro Louvre ¹			4000K	40				Single ø4.3mm sheath IP67 connector ⁵	S67A
					5000K	50					
		RED	RED	S only						Double ø4.3mm sheath IP67 connector ⁵	D67A
		GREEN	GRN								
		BLUE	BLU								
ORANGE	ORN										
AMBER	AMB										

¹ Only available in s-line

² 1900K is only available in k-line

³ Due to the clear, flush potted polyurethane top layer on IP67 MoMo a colour shift of +/-20K should be expected

⁴ Only available for IP54

⁵ Only available for IP67

* Refer to **Lens Options** on **Options** pages

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

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

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

Code Example:

MO	-	SA	-	C	-	s	-	352	-	35	-	m	520	-	67	-	0300	-	D67A	-	g
MoMo-L		Silver Anodised		Diffused		S		352		3500K		519.8mm		IP67		300mm/11.81"		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 options** on **Accessories** pages

Connection Accessories

CN54-2P-0300	IP54 2 PIN male & female 300mm/11.81" pair
CN54-2P-1000	IP54 2 PIN male & female 1000mm/39.37" pair
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
Warm Dim/Dynamic White	Max	512	1800	548	30.2	9.2	MoMo-L 512	91.4-2020mm/3.60-79.53in	71.4mm/2.81in
	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: s/e-line, clear cover, 3000K

MoMo-L 352

Length Availability List

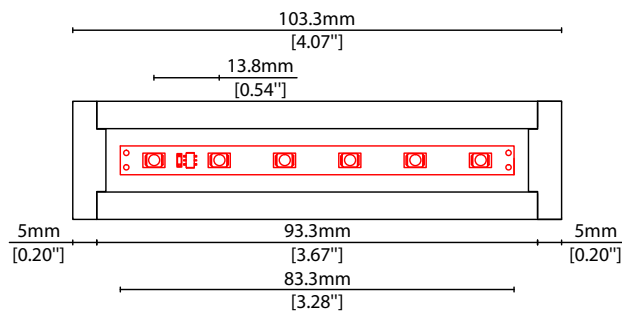


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0103	i0004	103mm	4.07in	83mm	3.28in	10mm	0.39in	0.46	26	3-27
m0187	i0007	187mm	7.35in	167mm	6.56in	10mm	0.39in	0.92	53	6-55
m0270	i0011	270mm	10.63in	250mm	9.84in	10mm	0.39in	1.37	79	8-82
m0353	i0014	353mm	13.91in	333mm	13.12in	10mm	0.39in	1.83	106	11-110
m0437	i0017	437mm	17.19in	417mm	16.41in	10mm	0.39in	2.29	132	14-137
m0520	i0020	520mm	20.47in	500mm	19.69in	10mm	0.39in	2.75	158	17-165
m0603	i0024	603mm	23.76in	583mm	22.97in	10mm	0.39in	3.21	185	20-192
m0687	i0027	687mm	27.04in	667mm	26.25in	10mm	0.39in	3.67	211	23-220
m0770	i0030	770mm	30.32in	750mm	29.53in	10mm	0.39in	4.12	238	25-247
m0853	i0034	853mm	33.60in	833mm	32.81in	10mm	0.39in	4.58	264	28-275
m0937	i0037	937mm	36.88in	917mm	36.09in	10mm	0.39in	5.04	290	31-302
m1020	i0040	1020mm	40.16in	1000mm	39.37in	10mm	0.39in	5.50	317	34-329
m1103	i0043	1103mm	43.44in	1083mm	42.65in	10mm	0.39in	5.96	343	37-357
m1187	i0047	1187mm	46.72in	1167mm	45.94in	10mm	0.39in	6.42	370	40-384
m1270	i0050	1270mm	50.00in	1250mm	49.22in	10mm	0.39in	6.87	396	42-412
m1353	i0053	1353mm	53.29in	1333mm	52.50in	10mm	0.39in	7.33	422	45-439
m1437	i0057	1437mm	56.57in	1417mm	55.78in	10mm	0.39in	7.79	449	48-467
m1520	i0060	1520mm	59.85in	1500mm	59.06in	10mm	0.39in	8.25	475	51-494
m1603	i0063	1603mm	63.13in	1583mm	62.34in	10mm	0.39in	8.71	502	54-522
m1687	i0066	1687mm	66.41in	1667mm	65.62in	10mm	0.39in	9.17	528	56-549
m1770	i0070	1770mm	69.69in	1750mm	68.90in	10mm	0.39in	9.62	554	59-577
m1853	i0073	1853mm	72.97in	1833mm	72.18in	10mm	0.39in	10.08	581	62-604
m1937	i0076	1937mm	76.25in	1917mm	75.47in	10mm	0.39in	10.54	607	65-631
m2020	i0080	2020mm	79.53in	2000mm	78.75in	10mm	0.39in	11.00	634	68-659

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

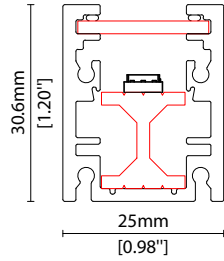
² Actual length of PCB strip

³ Actual length of 2x end caps

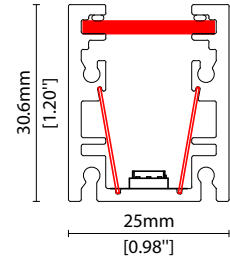


LENS OPTIONS

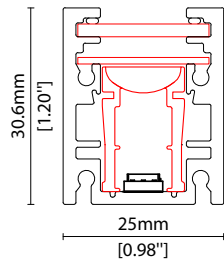
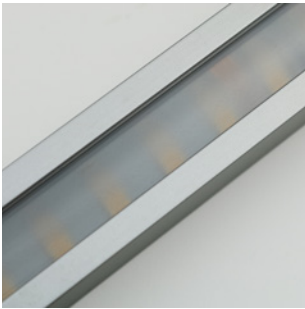
* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



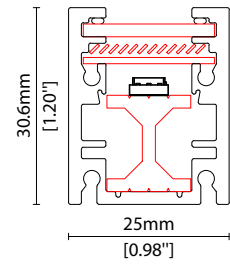
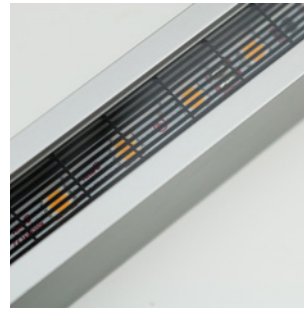
B Clear



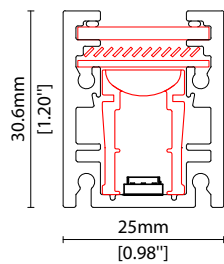
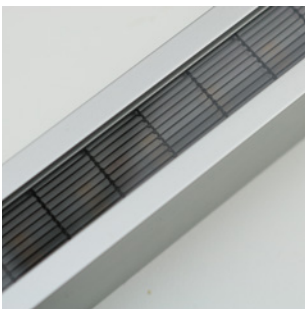
C Diffused



P Clear + KKLN-01
14° lens



K Clear + Micro Louvre

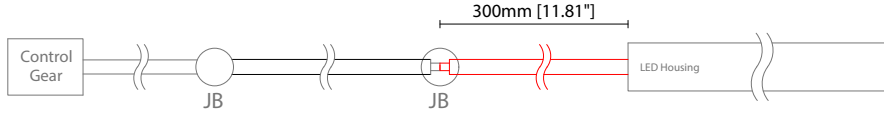


U Clear + Micro Louvre + KKLN-01

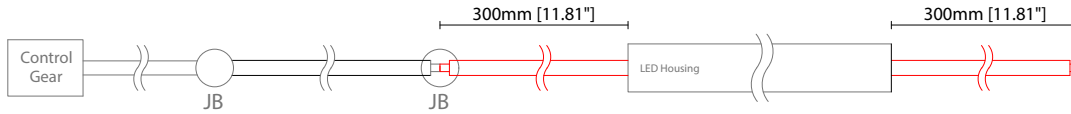
POWER FEED OPTIONS

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

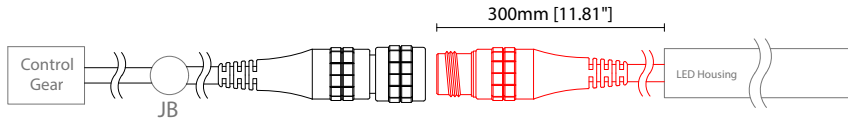
0300 S00A 300mm (11.81") Single Ø4.3mm sheath tail



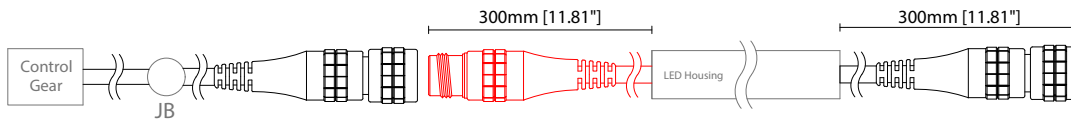
0300 D00A 300mm (11.81") Double Ø4.3mm sheath tail



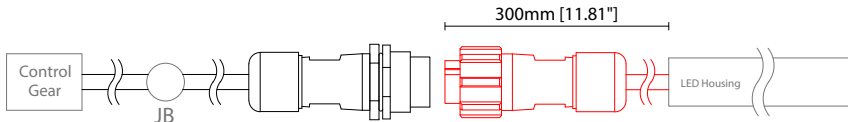
0300 S54A 300mm (11.81") Single Ø4.3mm sheath IP54 connector



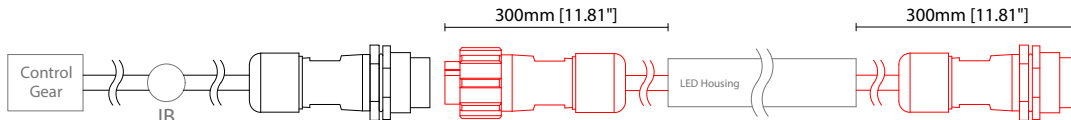
0300 D54A 300mm (11.81") Double Ø4.3mm sheath IP54 connector



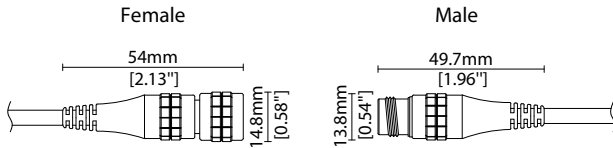
0300 S67A 300mm (11.81") Single Ø4.3mm sheath IP67 connector



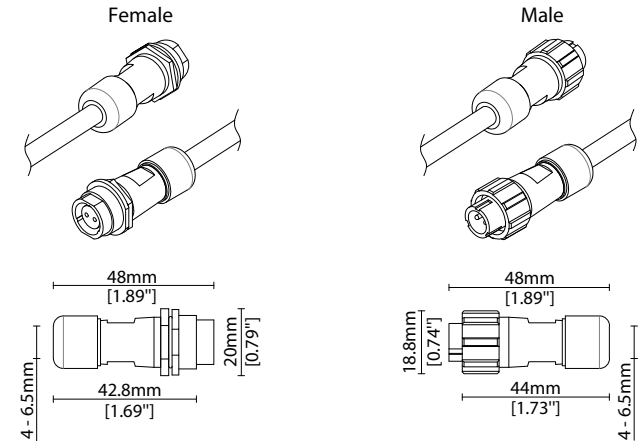
0300 D67A 300mm (11.81") Double Ø4.3mm sheath IP67 connector



IP54 2 Pin Connector



IP67 2 Pin Connector



Key

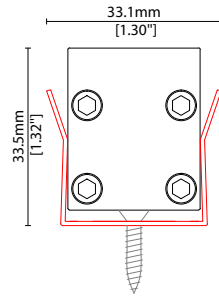
- Control Gear Power supply, sub-controllers & control systems
- JB Junction box / cable connection

MOUNTING OPTIONS

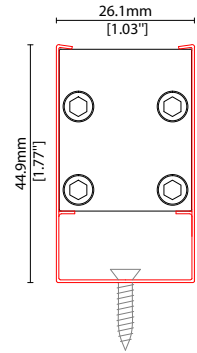
Note: Accessories are to be ordered separately with corresponding code shown below.



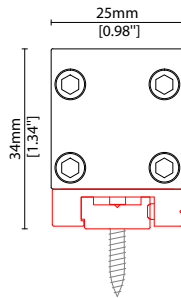
KKCP-03 (1no.)
KKCP-53 (500no.)
Clip (allow 3 per metre/40in)
S/Steel finish



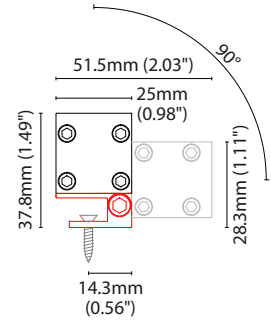
KKCP-17
Lock clip (allow 2 per metre/40in)
S/Steel finish



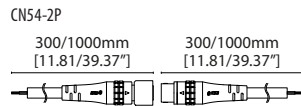
KKBK-07
Fixing plate (allow 2 per metre/40in)
Anodised aluminium finish
Pre-assembled in factory



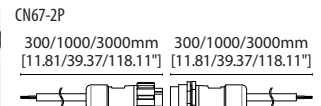
KKBK-21
Adjustable bracket (allow 2 per metre/40in)
Anodised aluminium finish
Pre-assembled in factory



POWER FEED



CN54-2P-0300 300mm (11.81in) pair
CN54-2P-1000 1000mm (39.37in) pair
IP54
2 PIN male + female connector set



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-05 1-10V

visDIM dimmable sub-controller

IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)



KKSC-03A DMX (Screw terminal)

visDIM dimmable sub-controller

IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)



KKSC-03B DMX (RJ45)

visDIM dimmable sub-controller

IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)



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)

Linear

MoMo-L 352

Accessories

KKDC

KKDC CONTROL (CONTINUED)



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

KKDL-03 DALI

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

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-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKDM-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKDM-05	90-295V	24V	4.0A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKDM-05	90-295V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKDM-05	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-03	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKSC-03	90-305V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKSC-03	90-305V	24V	4A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKSC-03	90-305V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKSC-03	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