

Linear

MOMO-R A040 (40W) Fixture Guide

KKDÖ

Indoor/Outdoor | Surface | Output up to 3668lm/m (1118lm/ft)

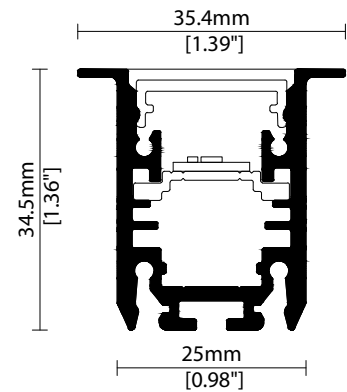


Key applications

- ✓ Bathrooms
- ✓ Ceiling
- ✓ Direct lighting
- ✓ Downlighting
- ✓ Exterior
- ✓ Interior
- ✓ Wall grazing
- ✓ Wallwashing
- ✓ Wet area

Key features

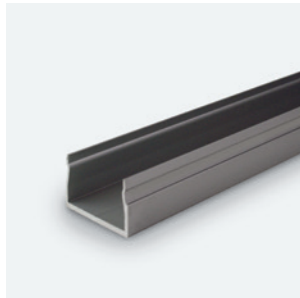
- ✓ A-line (High Efficacy)
- ✓ Asymmetric lens
- ✓ Custom lengths
- ✓ Constant Voltage (CV)
- ✓ Diffusion: homogenous
- ✓ Direct view
- ✓ Glare control options
- ✓ High lumen efficacy
- ✓ IP44 moisture resistant
- ✓ IP67 waterproof
- ✓ Lens options



MOUNTING METHODS



KKSB-01 Spring bracket



KKCR-01-1000 Cable raceway (1000mm)
KKCR-01-2000 Cable raceway (2000mm)
KKCR-01-3000 Cable raceway (3000mm)

Linear

MOMO-R A040 (40W)

Specification sheet



Dimensions	H34.5/W35.4/L102-1525mm* (H1.36/W1.39/L4.01-60.03in*) *KKLN-A2 = 1025mm/40.35in max
PCB Cut-point	38.46mm increment/1500mm* max (1.51in increment/59.06in max*) *KKLN-A2 = 1000mm/39.37in max
LED Pitch	4.8mm - 208LED/m (0.19in - 64LED/ft)
Chip	A-line
Cover/Optics	Clear (100°)/Clear + Micro louvre/Clear + KKLN-03 lens (23°)/Clear + KKLN-03 lens (23°) + Micro louvre/ Clear + KKLN-02 Asymmetric lens (Beam tilt 25°, Beam angle 45°)/Diffused (95°)
CCT	A-line: 2700K/3000K/4000K
LED binning	A-line: 3-step MacAdam ellipse
CRI	≥93
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 50°C (T _c max = 70°C) T _a = -13 to 122°F (T _c max = 158°F)
IP Rating	IP44/67
Finish	Silver anodised
Mounting	Recessed mounting via spring clip/Cable race way
Power feed	Sheathed hardwire tails or male/female connectors
Control	DMX/DALI



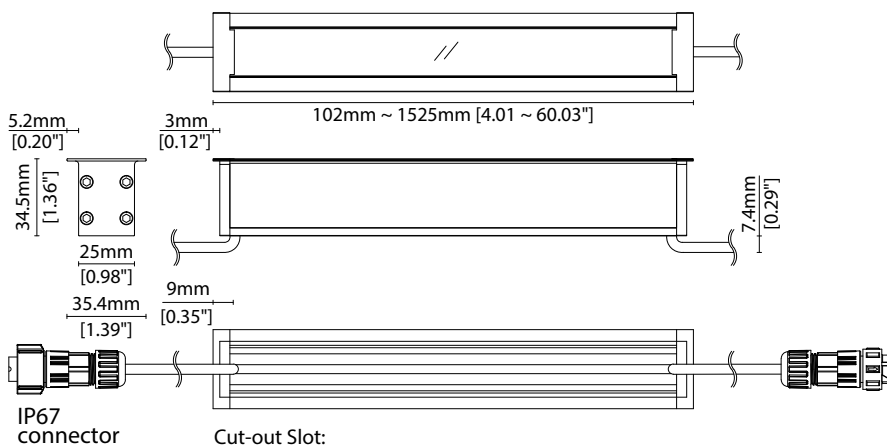
LED Grading Key

Exclusive Grade *KKDC tuned CCT range
A-line* 3-step CCT range
 KKDC highest lumen efficacy LED

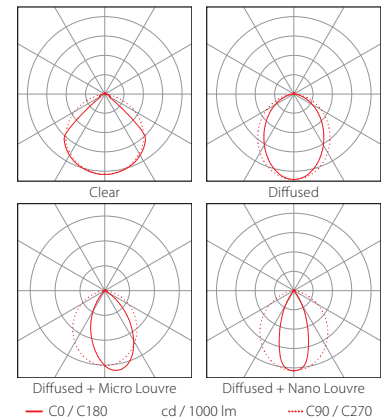
Power consumption	Supply voltage	Supply current
40W/m (12.19W/ft)	24V DC	1.67A/m (0.51A/ft)

Performance Data (3000K)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
A-line	94	96	96	93	92	94	94	86	66	88	93	76	94	97
	Clear	Clear + Micro Louvre	Clear + KKLN-03 (23°)	Clear + KKLN-03 (23°) + Micro Louvre	Clear + KKLN-A2 Asymmetric lens	Diffused Cover	CRI	R9	Rf	Rg				
A-line	3668lm/m (1118lm/ft) 91.7lm/W	1080lm/m (329lm/ft) 27.0lm/W	2196lm/m (669lm/ft) 54.9lm/W	1148lm/m (350lm/ft) 28.7lm/W	3668lm/m (1118lm/ft) 91.7lm/W	1672lm/m (510lm/ft) 41.8lm/W	93	66	-	-				



Cut-out Slot:
 W28-30mm (1.1-1.18")
 L = Product length minus 4-5mm (0.15-0.19")



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

Linear

MOMO-R A040 (40W)

Code Table

KKDC

FIXTURE

Model	Finish	Cover/Lens ¹	Grade ²	LED	Colour (CCT)	Length Availability ³	IP	Cable Length	Power Feed ⁴	Input
MOMO-R	OR Silver Anodised	SA Clear	B A	A040	040 2700K 27	m 102-1525mm 38.46mm increments	IP44 44 IP67 ⁵ 67	300mm/ 11.81" 0300	Single ø4.3mm sheath tail S00A	DC 24V g
		Clear + Micro Louvre	K		3000K 30				Double ø4.3mm sheath tail D00A	
		Clear + KKLN-03 (23°)	A		4000K 40	i 4.01-60.03in 1.51in increments			Single ø4.3mm sheath IP67 Male connector S67A	
		Clear + KKLN-03 (23°) + Micro Louvre	AK			(Specify length code OR total run length)			Double ø4.3mm sheath IP67 connector D67A	
		Clear + KKLN-A2	BA2							
		Diffused	C							

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

Code Example:

OR	-	SA	-	C	-	A	-	040	-	30	-	m	525	-	67	-	0300	-	D67A	-	g
MOMO-R		Silver Anodised		Diffused		A		A040		3000K		525mm		IP67		300mm/11.81"		Double ø4.3mm sheath IP67 connector		DC 24V	

ACCESSORIES

Mounting Accessories

KKSB-01	Spring bracket
KKCR-01-1000	1000mm/39.37" Cable Raceway
KKCR-01-2000	2000mm/78.74" Cable Raceway
KKCR-01-3000	3000mm/118.11" Cable Raceway

* 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	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length	Increment
Single CCT	R007	563	172	7	2.13	MOMO-R R007	108-2025mm (4.25-79.72in)	41.7mm (1.64in)
	R014	1152	351	14	4.27	MOMO-R R014	108-2025mm (4.25-79.72in)	41.7mm (1.64in)
	R020	1632	498	20	6.10	MOMO-R R020	108-2025mm (4.25-79.72in)	41.7mm (1.64in)
	R030	2309	704	30	9.14	MOMO-R R030	108-2025mm (4.25-79.72in)	41.7mm (1.64in)
	A040	3668	1118	40	12.19	MOMO-R A040	102-1525mm (4.01-60.03in)	38.46mm (1.51in)
Warm Dim/Dynamic White	R207	1282	391	16	4.88	MOMO-R R207	108-2025mm (4.25-79.72in)	83.3mm (3.28in)
RGB	501	Red 125 Green 266 Blue 42 RGB 383	Red 38 Green 81 Blue 13 RGB 117	15.6	4.75	MOMO-R RGB	108-2025mm (4.25-79.72in)	83.3mm (3.28in)
RGBW	R201	973	297	20	6.1	MOMO-R RGBW	160-2035mm (6.30-80.12in)	62.5mm (2.46in)

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

Linear

MOMO-R 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)
m0102	i0004	102mm	4.01in	77mm	3.03in	15mm	0.59in	3.08	282
m0140	i0006	140mm	5.53in	115mm	4.54in	15mm	0.59in	4.62	423
m0179	i0007	179mm	7.04in	154mm	6.06in	15mm	0.59in	6.15	564
m0217	i0009	217mm	8.56in	192mm	7.57in	15mm	0.59in	7.69	705
m0256	i0010	256mm	10.07in	231mm	9.09in	15mm	0.59in	9.23	846
m0294	i0012	294mm	11.58in	269mm	10.60in	15mm	0.59in	10.77	988
m0333	i0013	333mm	13.10in	308mm	12.11in	15mm	0.59in	12.31	1129
m0371	i0015	371mm	14.61in	346mm	13.63in	15mm	0.59in	13.85	1270
m0410	i0016	410mm	16.13in	385mm	15.14in	15mm	0.59in	15.38	1411
m0448	i0018	448mm	17.64in	423mm	16.66in	15mm	0.59in	16.92	1552
m0487	i0019	487mm	19.16in	462mm	18.17in	15mm	0.59in	18.46	1693
m0525	i0021	525mm	20.67in	500mm	19.69in	15mm	0.59in	20.00	1834
m0563	i0022	563mm	22.18in	538mm	21.20in	15mm	0.59in	21.54	1975
m0602	i0024	602mm	23.70in	577mm	22.71in	15mm	0.59in	23.08	2116
m0640	i0025	640mm	25.21in	615mm	24.23in	15mm	0.59in	24.62	2257
m0679	i0027	679mm	26.73in	654mm	25.74in	15mm	0.59in	26.15	2398
m0717	i0028	717mm	28.24in	692mm	27.26in	15mm	0.59in	27.69	2539
m0756	i0030	756mm	29.75in	731mm	28.77in	15mm	0.59in	29.23	2680
m0794	i0031	794mm	31.27in	769mm	30.28in	15mm	0.59in	30.77	2822
m0833	i0033	833mm	32.78in	808mm	31.80in	15mm	0.59in	32.31	2963
m0871	i0034	871mm	34.30in	846mm	33.31in	15mm	0.59in	33.85	3104
m0910	i0036	910mm	35.81in	885mm	34.83in	15mm	0.59in	35.38	3245
m0948	i0037	948mm	37.33in	923mm	36.34in	15mm	0.59in	36.92	3386
m0987	i0039	987mm	38.84in	962mm	37.86in	15mm	0.59in	38.46	3527
m1025	i0040	1025mm	40.35in	1000mm	39.37in	15mm	0.59in	40.00	3668
m1063	i0042	1063mm	41.87in	1038mm	40.88in	15mm	0.59in	41.54	3809
m1102	i0043	1102mm	43.38in	1077mm	42.40in	15mm	0.59in	43.08	3950
m1140	i0045	1140mm	44.90in	1115mm	43.91in	15mm	0.59in	44.62	4091
m1179	i0046	1179mm	46.41in	1154mm	45.43in	15mm	0.59in	46.15	4232
m1217	i0048	1217mm	47.93in	1192mm	46.94in	15mm	0.59in	47.69	4373
m1256	i0049	1256mm	49.44in	1231mm	48.46in	15mm	0.59in	49.23	4514
m1294	i0051	1294mm	50.95in	1269mm	49.97in	15mm	0.59in	50.77	4656
m1333	i0052	1333mm	52.47in	1308mm	51.48in	15mm	0.59in	52.31	4797
m1371	i0054	1371mm	53.98in	1346mm	53.00in	15mm	0.59in	53.85	4938
m1410	i0055	1410mm	55.50in	1385mm	54.51in	15mm	0.59in	55.38	5079
m1448	i0057	1448mm	57.01in	1423mm	56.03in	15mm	0.59in	56.92	5220
m1487	i0059	1487mm	58.53in	1462mm	57.54in	15mm	0.59in	58.46	5361
m1525	i0060	1525mm	60.04in	1500mm	59.06in	15mm	0.59in	60.00	5502

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

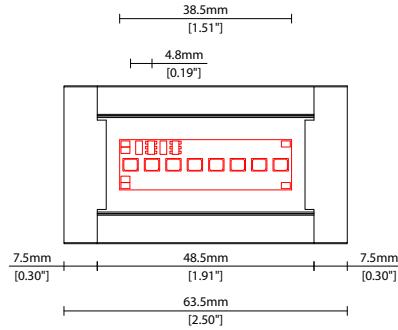
² Actual length of PCB strip

³ Actual length of 2x end caps

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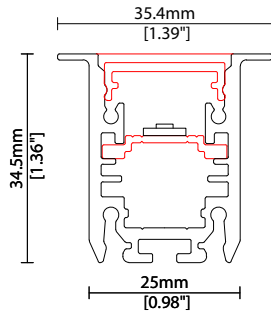
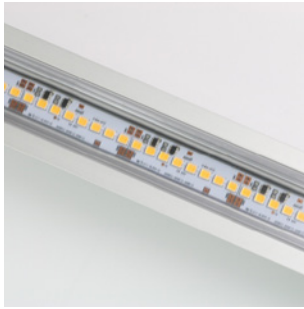
Length Availability List



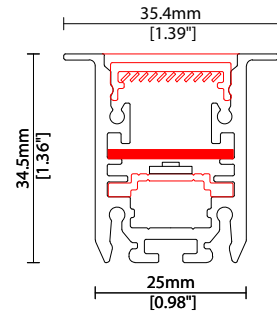
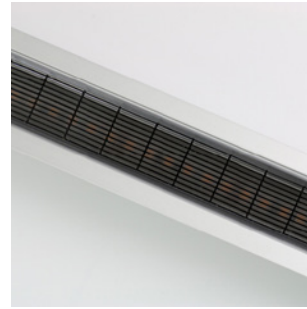
CUT-OUT SLOT:
W28-30mm (1.1-1.18")
L = Product length minus 4-5mm (0.15-0.19")

COVER/LENS OPTIONS

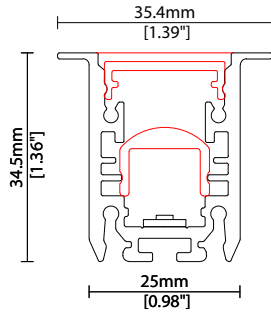
* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



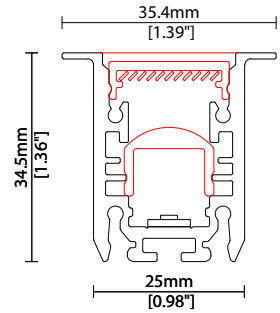
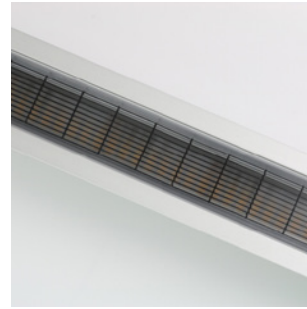
B Clear Cover
W25.0/H34.5mm (W0.98/H1.36")



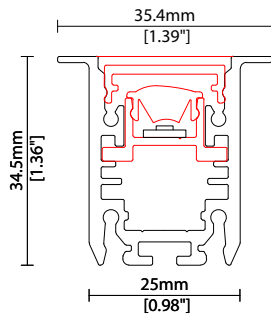
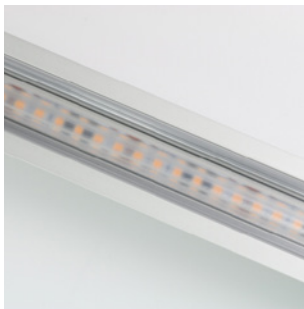
K Clear Cover + Micro Louvre
W25.0/H34.5mm (W0.98/H1.36")



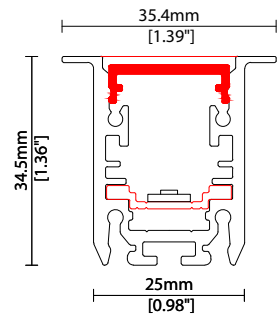
A Clear + KKLN-03 (23°)
W25.0/H34.5mm (W0.98/H1.36")



AK Clear + KKLN-03 (23°)
+ Micro Louvre
W25.0/H34.5mm (W0.98/H1.36")



BA2 Clear + KKLN-A2 Asymmetric
W25.0/H34.5mm (W0.98/H1.36")



C Diffused
W25.0/H34.5mm (W0.98/H1.36")

Linear

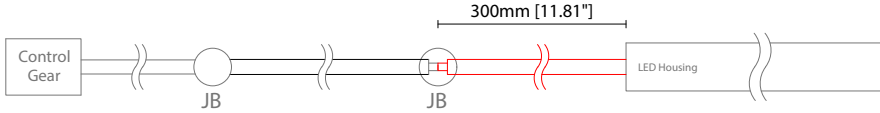
MOMO-R A040 (40W)

Options

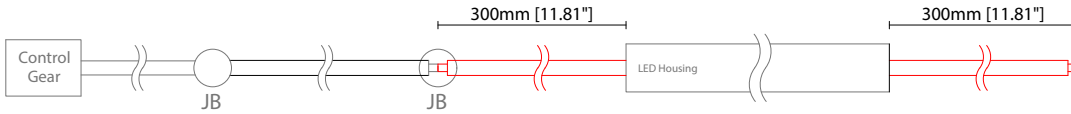
KKDÖ

POWER FEED OPTIONS

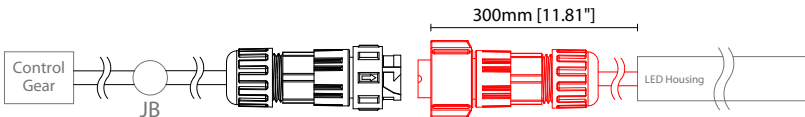
A0400 S00A 300mm (11.81") Single Ø4.3mm sheath tail



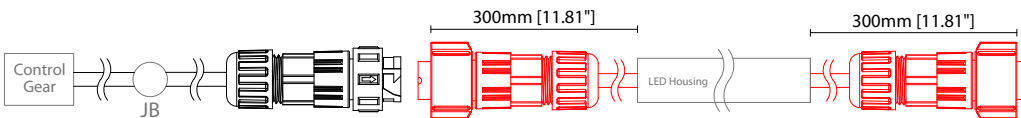
A0400 D00A 300mm (11.81") Double Ø4.3mm sheath tail



A0400 S67A 300mm (11.81") Single ø4.3mm sheath IP67 connector

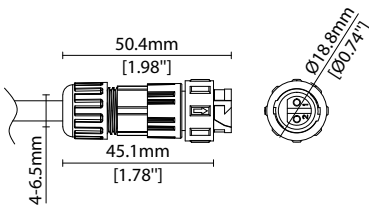


A0400 D67A 300mm (11.81") Double ø4.3mm sheath IP67 connector

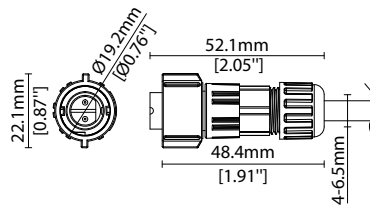


IP67 2 Pin Connector

Female connector
2 PIN (IP67)



Male connector
2 PIN (IP67)



Key

Control Gear Power supply, sub-controllers & control systems

JB Junction box / cable connection

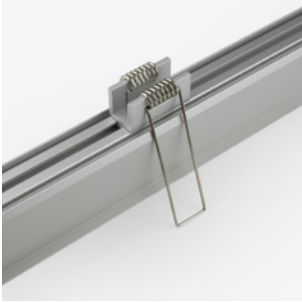
Linear

MOMO-R A040 (40W) Accessories

KKDC

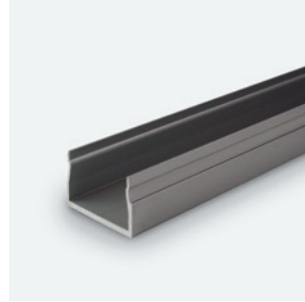
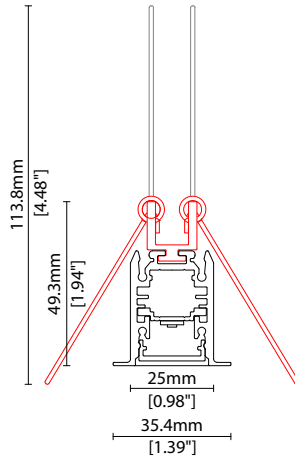
MOUNTING ACCESSORIES

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



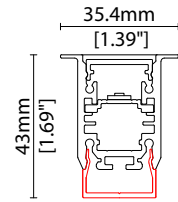
KKS-01

Spring bracket
(allow 2 per metre/40")
Anodised aluminium finish
L31/W35.4/H45.2mm
(L1.22/W1.39/H1.78")

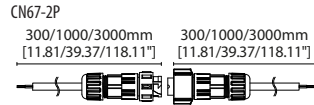


KKCR-01-1000 1000mm (39.37in)
KKCR-01-2000 2000mm (78.74in)
KKCR-01-3000 3000mm (118.11in)

Cable raceway*
anodised aluminium finish
W22/H36.4mm (W0.87/H1.43")
* Cut & drilled to fit on site



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-R 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