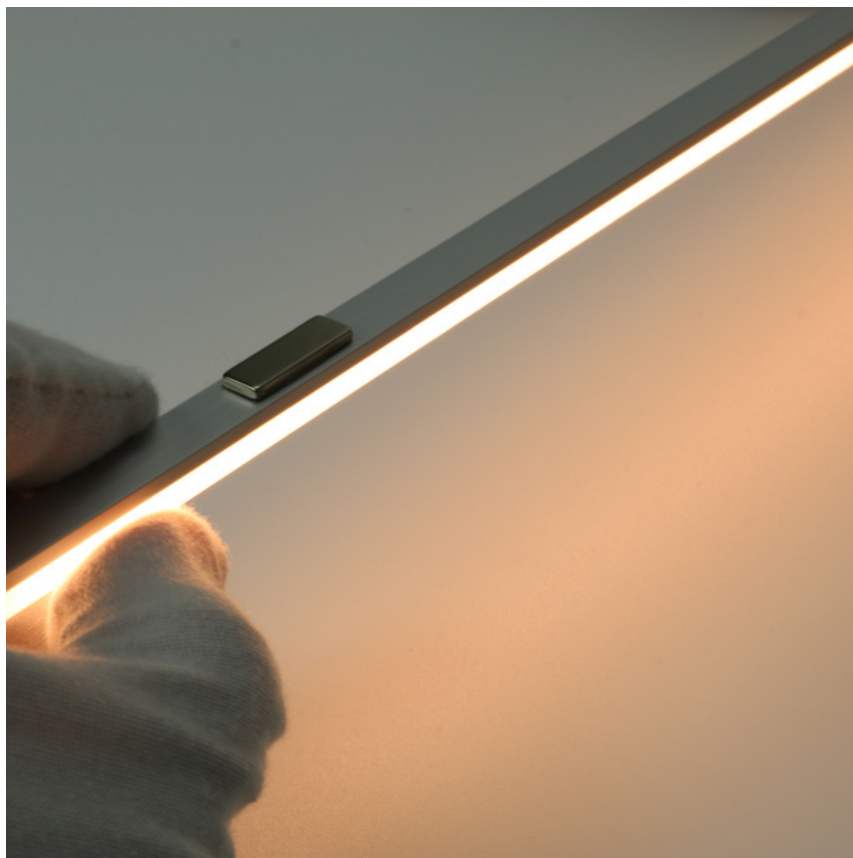


TANA Nano 2 C010 (10W)

Fixture Guide



Indoor | Surface | Output up to 501lm/m (152.7lm/ft)

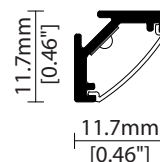


Key applications

- ✓ Architectural detail
- ✓ Cabinet & furniture
- ✓ Direct lighting
- ✓ Display case
- ✓ Interior
- ✓ Retail display
- ✓ Shelving display

Key features

- ✓ c-line COB (Chip-On-Board)
- ✓ Constant Voltage (CV)
- ✓ Custom lengths
- ✓ Diffusion: seamless linear light
- ✓ Direct view
- ✓ Extensive CCT range
- ✓ IP40 dry area
- ✓ Thin light line



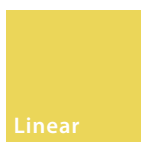
FIXING METHODS



3M Tape fixing

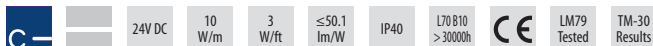


Magnet fixing



TANA Nano 2 C010 (10W)

Specification sheet



Dimensions	H11.7/W11.7/L114-2014mm (H0.46/W0.46/L4.49-79.29in)
PCB Cut-point	50mm increment/2000mm max (1.97in increment/78.74in max)
Chip	c-line
Cover/Optics	Diffused (110°)
CCT	c-line: 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K
LED binning	c-line: 3-step MacAdam ellipse
CRI	≥90
Lifetime	30,000 hours @ 25°C (30,000 hours @ 77°F)
Operating temp	T _a = -20 to 40°C (T _c max = 60°C) T _a = -4 to 104°F (T _c max = 140°F)
IP Rating	IP40
Finish	Silver anodised
Mounting	Surface mounting via 3M tape or magnet
Power feed	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

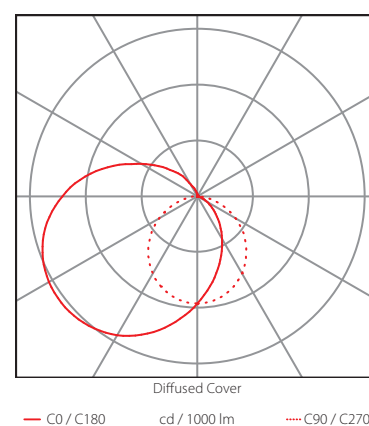
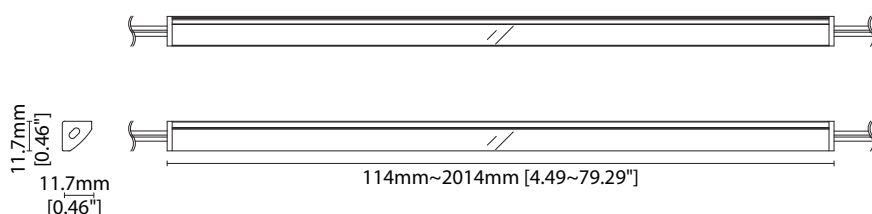
Exclusive Grade	*KKDC tuned CCT range
c-line*	
3-step CCT range	
KKDC COB (Chip-On-Board)	
spotless LED	

Power consumption	Supply voltage	Supply current
10W/m (3.05W/ft)	24V DC	0.42A/m (0.13A/ft)

Performance Data (3000K)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
c-line	94.0	96.3	97.1	93.7	93.7	95.6	89.0	75.8	44.6	90.4	94.3	81.1	95.3	97.7	87.2

	Diffused Cover	CRI	R9	Rf	Rg
c-line	501lm/m (152.7lm/ft) 50.1lm/W	91	45	89	102



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

See KKDC website for product document updates.

www.kkdc.lighting

TANANano2C01010WS-03.01EN-20260903

Linear

TANA Nano 2 C010 (10W)

Code Table

KKDC

FIXTURE

Model	Finish	Cover ¹	Grade ²	LED	Colour (CCT)	Length Availability ³	IP	Cable Length	Power Feed ⁴	Fixing ⁵	Input							
TANA Nano 2	Silver Anodised	Diffused	 c	C010	C010	1900K 2100K 2300K 2500K 2700K 3000K 3500K 4000K	19 21 23 25 27 30 35 40	m 114-2014mm 50mm increments i 4.49-79.29in 1.79in increments (Specify length code OR total run length)	IP40	40	50mm / 1.97" 300mm/ 11.81"	0050 0300	Single no sheath tail Double no sheath tail	S00X D00X	3M Tape fixing Magnet fixing	TF MF	DC 24V	g

¹ Refer to **Cover Options** on **Options** pages² Refer to **LED Grading Key** on **Specification sheet** page³ Refer to **Length Availability List** or enter total run length instead of length code⁴ Refer to **Power Feed Options** on **Options** pages⁵ Refer to **Fixing Options** on **Options** pages

Code Example:

TA2	-	SA	-	C	-	c	-	C010	-	35	-	m	550	-	40	-	1000	-	S00X	-	MF	-	g
TANA Nano 2		Silver Anodised		Diffused				C010		3500K		550mm		IP40		1000mm/39.37"		Single no sheath tail		Magnet fixing		DC 24V	

ACCESSORIES

Connection Accessories

KKCN-01	2 PIN male & female 50mm (1.97in) pair
KKCN-03	2 PIN male & female 300mm (11.81in) pair
KKCN-06	2 PIN 300mm (11.81in) extension lead

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* Refer to **Power feed** on **Accessories** pages

LED ENGINE VARIANTS (LED STRIP TYPE)

Colour	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length	Increment
Single CCT	RS07	497	151	7	2.13	TANA Nano 2 RS07	85-2014mm (3.34-79.29in)	35.7mm (1.41in)
	C010	501	152.7	10	3	TANA Nano 2 C010	114-2014mm (4.49-79.29in)	50mm (1.97in)
	RS14	966	294	14	4.27	TANA Nano 2 RS14	85-2014mm (3.34-79.29in)	35.7mm (1.41in)

* Performance data: c-line, 3000K, Diffused Cover

Linear

TANA Nano 2 C010 (10W)

Length Availability List

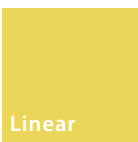


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K Diffused (Test Data)
m0114	i0004	114mm	4.49in	100mm	3.94in	4mm	0.16in	1.00	50
m0164	i0006	164mm	6.46in	150mm	5.91in	4mm	0.16in	1.50	75
m0214	i0008	214mm	8.43in	200mm	6.56in	4mm	0.16in	2.00	100
m0264	i0010	264mm	10.39in	250mm	8.20in	4mm	0.16in	2.50	125
m0314	i0012	314mm	12.36in	300mm	9.84in	4mm	0.16in	3.00	150
m0364	i0014	364mm	14.33in	350mm	11.48in	4mm	0.16in	3.50	175
m0414	i0016	414mm	16.30in	400mm	13.12in	4mm	0.16in	4.00	200
m0464	i0018	464mm	18.27in	450mm	14.76in	4mm	0.16in	4.50	225
m0514	i0020	514mm	20.24in	500mm	16.41in	4mm	0.16in	5.00	251
m0564	i0022	564mm	22.20in	550mm	18.05in	4mm	0.16in	5.50	276
m0614	i0024	614mm	24.17in	600mm	19.69in	4mm	0.16in	6.00	301
m0664	i0026	664mm	26.14in	650mm	21.33in	4mm	0.16in	6.50	326
m0714	i0028	714mm	28.11in	700mm	22.97in	4mm	0.16in	7.00	351
m0764	i0030	764mm	30.08in	750mm	24.61in	4mm	0.16in	7.50	376
m0814	i0032	814mm	32.05in	800mm	26.25in	4mm	0.16in	8.00	401
m0864	i0034	864mm	34.02in	850mm	27.89in	4mm	0.16in	8.50	426
m0914	i0036	914mm	35.98in	900mm	29.53in	4mm	0.16in	9.00	451
m0964	i0038	964mm	37.95in	950mm	31.17in	4mm	0.16in	9.50	476
m1014	i0040	1014mm	39.92in	1000mm	32.81in	4mm	0.16in	10.00	501
m1064	i0042	1064mm	41.89in	1050mm	34.45in	4mm	0.16in	10.50	526
m1114	i0044	1114mm	43.86in	1100mm	36.09in	4mm	0.16in	11.00	551
m1164	i0046	1164mm	45.83in	1150mm	37.73in	4mm	0.16in	11.50	576
m1214	i0048	1214mm	47.80in	1200mm	39.37in	4mm	0.16in	12.00	601
m1264	i0050	1264mm	49.76in	1250mm	41.01in	4mm	0.16in	12.50	626
m1314	i0052	1314mm	51.73in	1300mm	42.65in	4mm	0.16in	13.00	651
m1364	i0054	1364mm	53.70in	1350mm	44.29in	4mm	0.16in	13.50	676
m1414	i0056	1414mm	55.67in	1400mm	45.94in	4mm	0.16in	14.00	701
m1464	i0058	1464mm	57.64in	1450mm	47.58in	4mm	0.16in	14.50	726
m1514	i0060	1514mm	59.61in	1500mm	49.22in	4mm	0.16in	15.00	752
m1564	i0062	1564mm	61.57in	1550mm	50.86in	4mm	0.16in	15.50	777
m1614	i0064	1614mm	63.54in	1600mm	52.50in	4mm	0.16in	16.00	802
m1664	i0066	1664mm	65.51in	1650mm	54.14in	4mm	0.16in	16.50	827
m1714	i0067	1714mm	67.48in	1700mm	55.78in	4mm	0.16in	17.00	852
m1764	i0069	1764mm	69.45in	1750mm	57.42in	4mm	0.16in	17.50	877
m1814	i0071	1814mm	71.42in	1800mm	59.06in	4mm	0.16in	18.00	902
m1864	i0073	1864mm	73.39in	1850mm	60.70in	4mm	0.16in	18.50	927
m1914	i0075	1914mm	75.35in	1900mm	62.34in	4mm	0.16in	19.00	952
m1964	i0077	1964mm	77.32in	1950mm	63.98in	4mm	0.16in	19.50	977
m2014	i0079	2014mm	79.29in	2000mm	65.62in	4mm	0.16in	20.00	1002

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

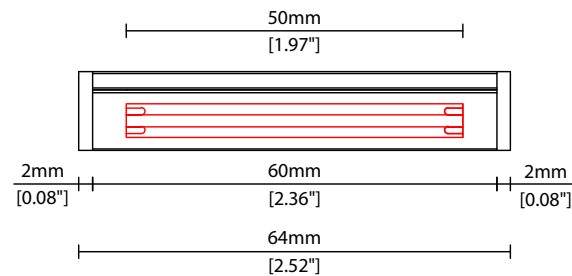
² Actual length of PCB strip

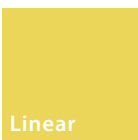
³ Actual length of 2x end caps



TANA Nano 2 C010 (10W)

Length Availability List





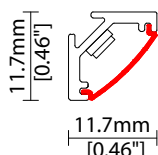
TANA Nano 2 C010 (10W)

Options



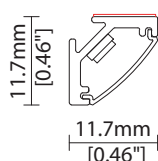
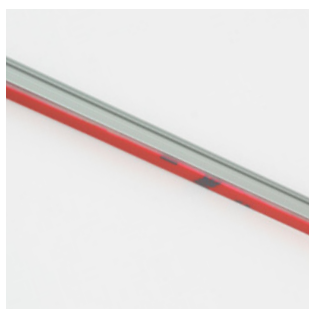
COVER OPTIONS

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

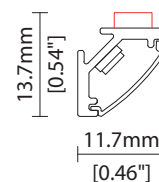


C Diffused Cover
Polycarbonate

FIXING OPTIONS



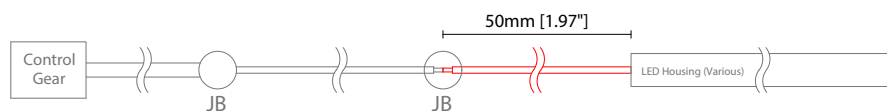
TF Tape fixing



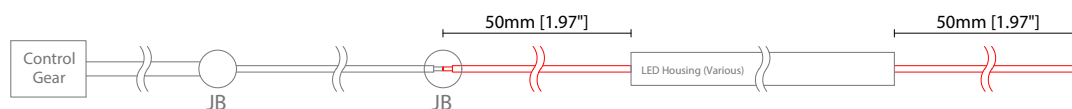
MF Magnet fixing

POWER FEED OPTIONS

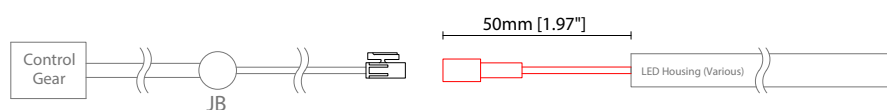
0050 S00X 50mm (1.97") Single tail



0050 D00X 50mm (1.97") Double tail



0050 S20X 50mm (1.97") Single IP20 connector



Linear

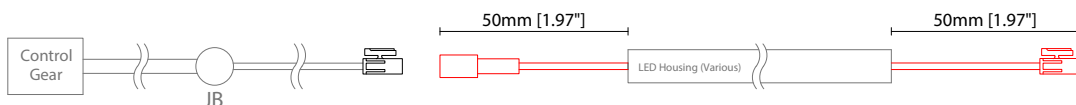
TANA Nano 2 C010 (10W)

Options

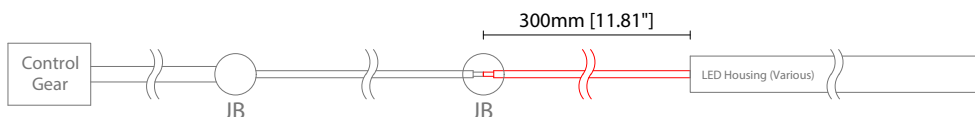
KKDC

POWER FEED OPTIONS (CONTINUED)

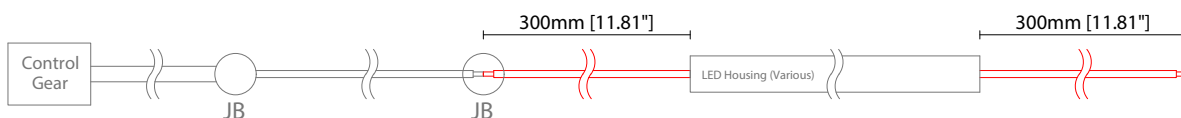
0050 D20X 50mm (1.97") Double IP20 connector



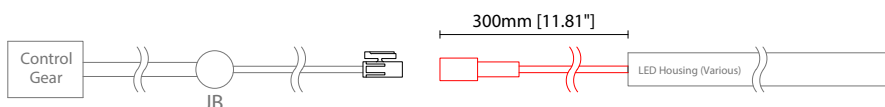
0300 S00X 300mm (11.81") Single tail



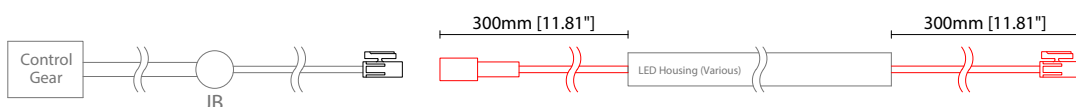
0300 D00X 300mm (11.81") Double tail



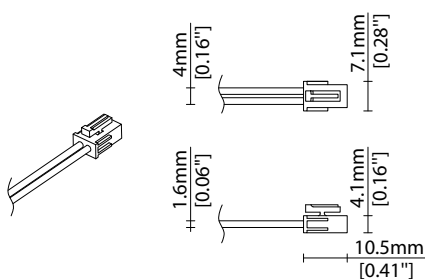
0300 S20X 300mm (11.81") Single IP20 connector



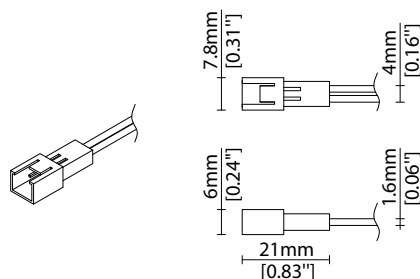
0300 D20X 300mm (11.81") Double IP20 connector



2 Pin Female Connector



2 Pin Male Connector



Red DC24V (+)
Black DC24V (-)

Key

Control Gear Power supply, sub-controllers & control systems

JB Junction box / cable connection

Linear

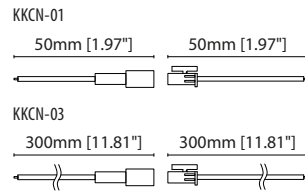
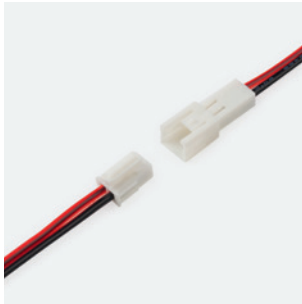
TANA Nano 2 C010 (10W)

Accessories

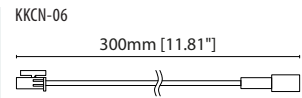
KKDC

POWER FEED

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



KKCN-01 50mm (1.97in) pair
KKCN-03 300mm (11.81in) pair
2 PIN male + female connector set



KKCN-06
2 PIN 300mm (11.81in) extension
lead

Linear

TANA Nano 2 C010 (10W)

Accessories

KKDÖ

KKDC CONTROL



IP20
Plastic housing
L170/W59/H29mm
(L6.69/W2.32/H1.14in)

KKDM-06 1-10V

visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



IP20
Plastic housing
L170/W53.4/H28mm
(L6.69/W2.10/H1.10in)

KKSC-05 DMX

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



IP20
Plastic housing
L170/W59/H29mm
(L6.69/W2.32/H1.14in)

KKDL-02 DALI

visDIM dimmable sub-controller
(4 x 8A max @ 12-36V)



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)



IP20
Plastic housing
L170/W53.4/H28mm
(L6.69/W2.10/H1.10in)

KKDL-04 DALI-2

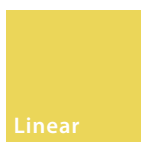
visDIM dimmable sub-controller
(4 x 5A max @ 12-36V)



IP20
Plastic housing
L170/W53.4/H28mm
(L6.69/W2.10/H1.10in)

visDIM PRO 30 DALI-2

30kHz PWM Frequency
visDIM dimmable sub-controller
(4 x 5A max @ 12-36V)



TANA Nano

Driver/PSU Options



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-02/03.01/visDIM PRO 30	90-295V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-60H-24	KKDL-02/03.01/visDIM PRO 30	90-305V	24V	2.5A	60W	100-0.1	IP67/IP20
	HLG-100H-24	KKDL-02/03.01/visDIM PRO 30	90-305V	24V	4.0A	100W	100-0.1	IP67/IP20
	HLG-150H-24	KKDL-02/03.01/visDIM PRO 30	90-305V	24V	6.3A	150W	100-0.1	IP67/IP20
	HLG-240H-24	KKDL-02/03.01/visDIM PRO 30	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