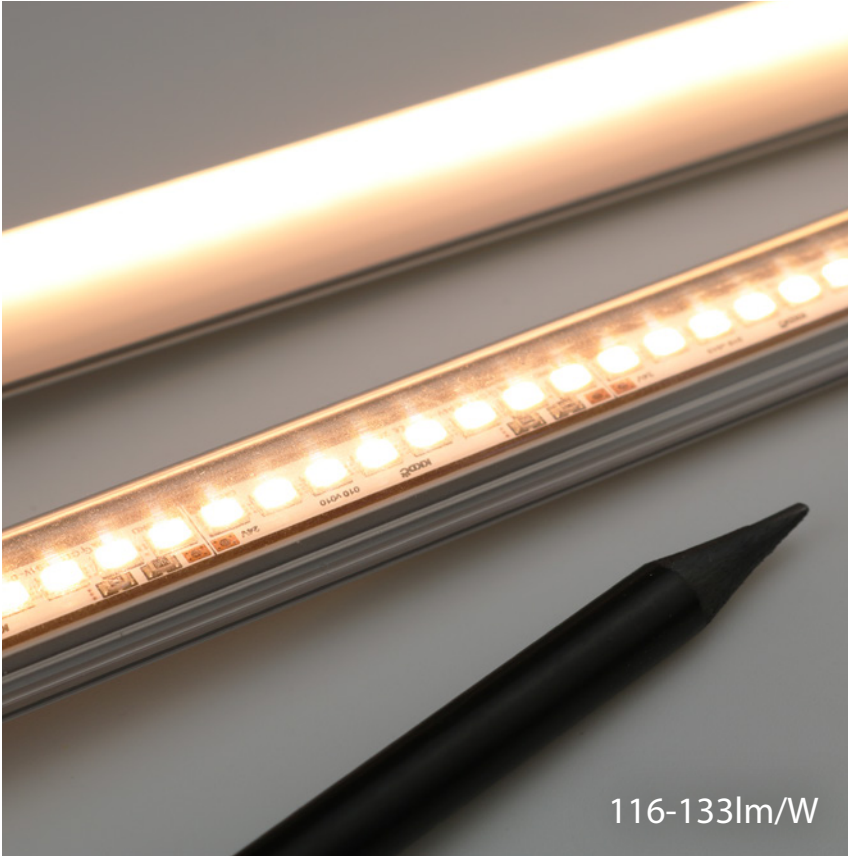


Linear

# TiMi-C A010 (10W) Fixture Guide

# KKDÖ

Indoor | Surface | High output up to 1330lm/m (405lm/ft)

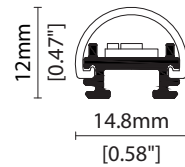


## Key applications

- ✓ Architectural detail
- ✓ Backlighting/Signage
- ✓ Cabinet/Furniture
- ✓ Cove lighting
- ✓ Display case
- ✓ Indirect lighting
- ✓ Interior
- ✓ Mirror back lighting
- ✓ Shelving display
- ✓ Under bench
- ✓ Under cabinet
- ✓ Wardrobe

## Key features

- ✓ Custom lengths
- ✓ Diffusion: Spotting
- ✓ Dynamic white
- ✓ Extensive CCT range
- ✓ Form factor: Small
- ✓ High lumen efficacy
- ✓ IP20
- ✓ Output high



## MOUNTING METHODS



TCFC-01 Clear plastic clip



TCMS-01 Magnetic fixing set

Linear

# TiMi-C A010 (10W)

## Specification sheet



<b>Dimension</b>	H12.1/W14.8/L77-2000mm (H0.48/W0.58/L3.03-78.74in)
<b>PCB increment</b>	38.46mm increment/2000mm max (1.51in increment/78.74in max)
<b>LED pitch</b>	4.8mm - 208LED/m (0.19in - 64LED/ft)
<b>Chip</b>	<b>A-line</b>
<b>Beam angle</b>	110° (Clear Cover) / 125° (Diffused Cover)
<b>Colours</b>	<b>A-line</b> 2700K/3000K/4000K
<b>Bin/Step</b>	<b>A-line</b> 3-step MacAdam ellipse
<b>CRI</b>	94
<b>Lifetime</b>	50,000 hours @ 25°C (50,000 hours @ 77°F)
<b>Operating temp</b>	T <sub>a</sub> = -25 to 50°C (T <sub>c</sub> max = 71.1°C) T <sub>a</sub> = -13 to 122°F (T <sub>c</sub> max = 160°F)
<b>IP rating</b>	IP20
<b>Finish</b>	Silver anodised
<b>Cover/lens</b>	Clear/Diffused
<b>Mounting</b>	Surface mounting via clips or magnets
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	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 @ 3,000K

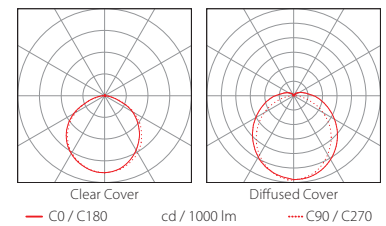
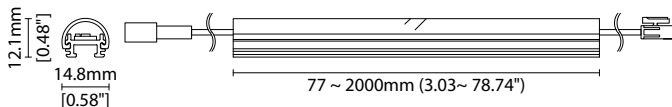
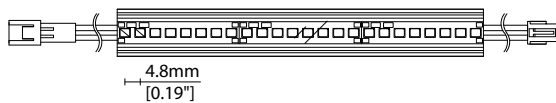
Power consumption	Supply voltage	Supply current
10W/m (3.05W/ft)	24 V DC	0.42A/m (0.13A/ft)

### Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
<b>A-line</b>	94	98	99	93	94	97	92	83	62	94	94	78	96	100

	Clear Cover		Diffused Cover		CRI	R9	Rf	Rg
<b>A-line</b>	1330lm/m (405lm/ft)	133lm/w	1160lm/m (353lm/ft)	116lm/w	94	62	-	-

### Male/Female connector



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

Linear

# TiMi-C A010 (10W)

## Code Table

# KKDC

### FIXTURE

Model	Finish	Cover/Lens <sup>1</sup>		Grade <sup>2</sup>		LED	Colour (CCT)		Length Availability <sup>3</sup>		IP	Cable Length		Power Feed <sup>4</sup>		Input				
TiMi-C	TC	Silver Anodised	SA	Clear	B	A	A	010	2700K	27	m	77-2000mm 38.5mm increments	IP20	20	50mm (1.97in)	0050	Single no sheath tail	S00X	DC 24V	g
				Diffused	C				3000K	30					300mm (11.81in)	0300	Double no sheath tail	D00X		
									4000K	40	i	3.03-78.74in 1.51in increments					Single no sheath IP20 connector	S20X		
												(Specify length code OR total run length)					Double no sheath IP20 connector	D20X		

<sup>1</sup> Refer to **Cover/Lens Options** on **Options** pages

<sup>2</sup> Refer to **LED Grading Key** on **Specification sheet** page

<sup>3</sup> Refer to **Length Availability List** or enter total run length instead of length code

<sup>4</sup> Refer to **Power Feed Options** on **Options** pages

### Code Example:

TC	-	SA	-	B	-	A	-	010	-	30	-	m	-	500	-	20	-	0050	-	D20X	-	g
TiMi-C		Silver Anodised		Clear		A		010		3000K		500mm		IP20		50mm (1.97in)		Double no sheath IP20 connector		DC 24V		

### ACCESSORIES

#### Mounting Accessories

TCFC-01	Clip
TCMS-01	Magnetic Fixing Set

\* Refer to **Mounting accessories** on **Accessories** pages

#### 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

\* Refer to **Power feed** 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	500	151	5.5	1.67	TiMi-C 352	83.3-2000mm (3.28-78.74in)	83.3mm (3.28in)
	Mid	007	910	278	10.9	3.32	TiMi-C 007	83.4-2000mm (3.28-78.74in)	41.7mm (1.64in)
	Mid	504	1180	360	12.5	3.81	TiMi-C 504	100-2000mm (3.94-78.74in)	100mm (3.94in)
Warm Dim/Dynamic White	High	010	1330	405	10.0	3.05	<b>TiMi-C A010</b>	<b>77-2000mm (3.03-78.74in)</b>	<b>38.5mm (1.51in)</b>
	High	508	1650	503	17.5	5.33	TiMi-C 508	71.4-2000mm (2.81-78.74in)	71.4mm (2.81in)
	High	020	2660	810	20.0	6.10	TiMi-C A020	77-2000mm (3.03-78.74in)	38.5mm (1.51in)
RGBW	Mid	207	860	262	11.0	3.35	TiMi-C 207	83.3-2000mm (3.28-78.74in)	83.3mm (3.28in)
	High	208	1450	442	15.6	4.75	TiMi-C 208	166.7-2000mm (6.56-78.74in)	166.7mm (6.56in)
Mid	201	960	293	15.1	4.60	TiMi-C RGBW	166.7-2000mm (6.56-78.74in)	166.7mm (6.56in)	

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

Linear

# TiMi-C A010 (10W)

## Length Availability List



Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)
m0077	i0003	77mm	3.03in	77mm	3.03in	N/A	N/A	0.77	102
m0115	i0005	115mm	4.54in	115mm	4.54in	N/A	N/A	1.15	153
m0154	i0006	154mm	6.06in	154mm	6.06in	N/A	N/A	1.54	205
m0192	i0008	192mm	7.57in	192mm	7.57in	N/A	N/A	1.92	256
m0231	i0009	231mm	9.09in	231mm	9.09in	N/A	N/A	2.31	307
m0269	i0011	269mm	10.60in	269mm	10.60in	N/A	N/A	2.69	358
m0308	i0012	308mm	12.11in	308mm	12.11in	N/A	N/A	3.08	409
m0346	i0014	346mm	13.63in	346mm	13.63in	N/A	N/A	3.46	460
m0385	i0015	385mm	15.14in	385mm	15.14in	N/A	N/A	3.85	512
m0423	i0017	423mm	16.66in	423mm	16.66in	N/A	N/A	4.23	563
m0462	i0018	462mm	18.17in	462mm	18.17in	N/A	N/A	4.62	614
m0500	i0020	500mm	19.69in	500mm	19.69in	N/A	N/A	5.00	665
m0538	i0021	538mm	21.20in	538mm	21.20in	N/A	N/A	5.38	716
m0577	i0023	577mm	22.71in	577mm	22.71in	N/A	N/A	5.77	767
m0615	i0024	615mm	24.23in	615mm	24.23in	N/A	N/A	6.15	818
m0654	i0026	654mm	25.74in	654mm	25.74in	N/A	N/A	6.54	870
m0692	i0027	692mm	27.26in	692mm	27.26in	N/A	N/A	6.92	921
m0731	i0029	731mm	28.77in	731mm	28.77in	N/A	N/A	7.31	972
m0769	i0030	769mm	30.28in	769mm	30.28in	N/A	N/A	7.69	1023
m0808	i0032	808mm	31.80in	808mm	31.80in	N/A	N/A	8.08	1074
m0846	i0033	846mm	33.31in	846mm	33.31in	N/A	N/A	8.46	1125
m0885	i0035	885mm	34.83in	885mm	34.83in	N/A	N/A	8.85	1177
m0923	i0036	923mm	36.34in	923mm	36.34in	N/A	N/A	9.23	1228
m0962	i0038	962mm	37.86in	962mm	37.86in	N/A	N/A	9.62	1279
m1000	i0039	1000mm	39.37in	1000mm	39.37in	N/A	N/A	10.00	1330
m1038	i0041	1038mm	40.88in	1038mm	40.88in	N/A	N/A	10.38	1381
m1077	i0042	1077mm	42.40in	1077mm	42.40in	N/A	N/A	10.77	1432
m1115	i0044	1115mm	43.91in	1115mm	43.91in	N/A	N/A	11.15	1483
m1154	i0045	1154mm	45.43in	1154mm	45.43in	N/A	N/A	11.54	1535
m1192	i0047	1192mm	46.94in	1192mm	46.94in	N/A	N/A	11.92	1586
m1231	i0048	1231mm	48.46in	1231mm	48.46in	N/A	N/A	12.31	1637
m1269	i0050	1269mm	49.97in	1269mm	49.97in	N/A	N/A	12.69	1688
m1308	i0051	1308mm	51.48in	1308mm	51.48in	N/A	N/A	13.08	1739
m1346	i0053	1346mm	53.00in	1346mm	53.00in	N/A	N/A	13.46	1790
m1385	i0055	1385mm	54.51in	1385mm	54.51in	N/A	N/A	13.85	1842
m1423	i0056	1423mm	56.03in	1423mm	56.03in	N/A	N/A	14.23	1893
m1462	i0058	1462mm	57.54in	1462mm	57.54in	N/A	N/A	14.62	1944
m1500	i0059	1500mm	59.06in	1500mm	59.06in	N/A	N/A	15.00	1995
m1538	i0061	1538mm	60.57in	1538mm	60.57in	N/A	N/A	15.38	2046
m1577	i0062	1577mm	62.08in	1577mm	62.08in	N/A	N/A	15.77	2097
m1615	i0064	1615mm	63.60in	1615mm	63.60in	N/A	N/A	16.15	2148
m1654	i0065	1654mm	65.11in	1654mm	65.11in	N/A	N/A	16.54	2200
m1692	i0067	1692mm	66.63in	1692mm	66.63in	N/A	N/A	16.92	2251

Linear

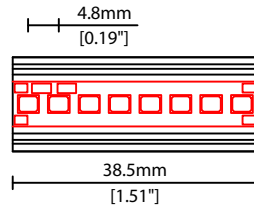
# TiMi-C A010 (10W) Length Availability List



Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)
m1731	i0068	1731mm	68.14in	1731mm	68.14in	N/A	N/A	17.31	2302
m1769	i0070	1769mm	69.65in	1769mm	69.65in	N/A	N/A	17.69	2353
m1808	i0071	1808mm	71.17in	1808mm	71.17in	N/A	N/A	18.08	2404
m1846	i0073	1846mm	72.68in	1846mm	72.68in	N/A	N/A	18.46	2455
m1885	i0074	1885mm	74.20in	1885mm	74.20in	N/A	N/A	18.85	2507
m1923	i0076	1923mm	75.71in	1923mm	75.71in	N/A	N/A	19.23	2558
m1962	i0077	1962mm	77.23in	1962mm	77.23in	N/A	N/A	19.62	2609
m2000	i0079	2000mm	78.74in	2000mm	78.74in	N/A	N/A	20.00	2660

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

<sup>2</sup> Actual length of PCB strip



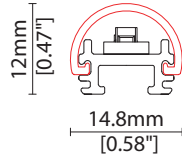
Linear

# TiMi-C A010 (10W) Options

# KKDC

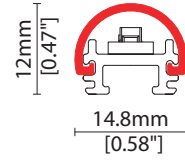
## COVER OPTIONS

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



**B** Clear cover

W14.8/H12mm (W0.58/H0.47")



**C** Diffused cover

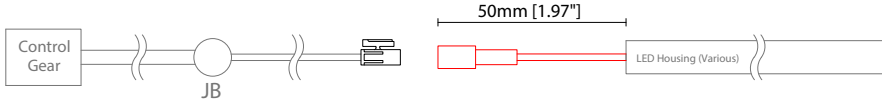
Polycarbonate finish

W14.8/H12mm (W0.58/H0.47")

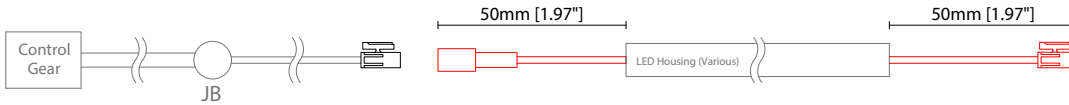
### POWER FEED OPTIONS

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

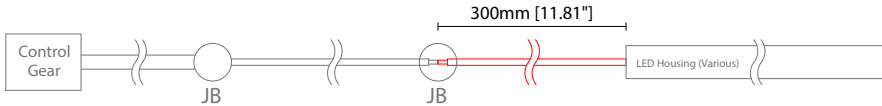
**0050 S20X 50mm (1.97") Single no sheath IP20 connector**



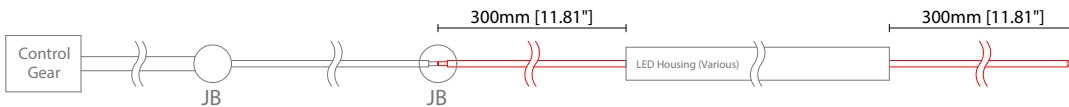
**0050 D20X 50mm (1.97") Double no sheath IP20 connector**



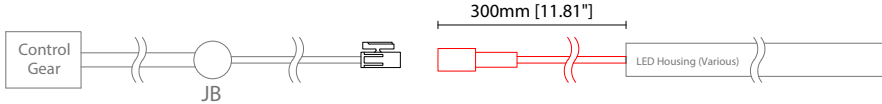
**0300 S00X 300mm (11.81") Single no sheath tail**



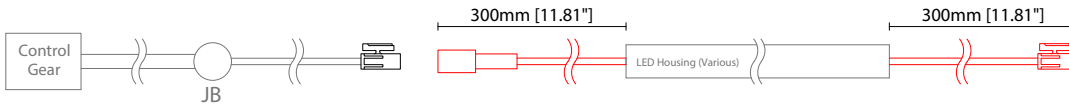
**0300 D00X 300mm (11.81") Double no sheath tail**



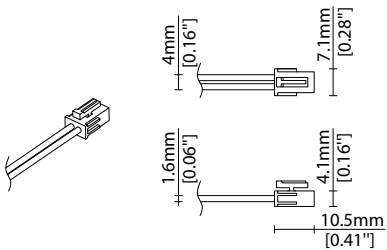
**0300 S20X 300mm (11.81") Single no sheath IP20 connector**



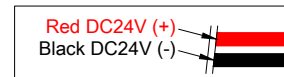
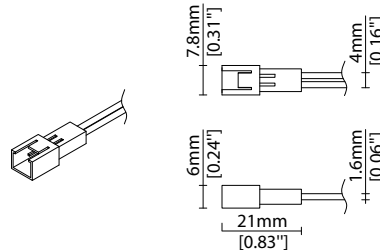
**0300 D20X 300mm (11.81") Double no sheath IP20 connector**



### 2 Pin Female Connector



### 2 Pin Male Connector



### Key

Control Gear Power supply, sub-controllers & control systems

JB Junction box / cable connection

Linear

# TiMi-C A010 (10W) Accessories

# KKDC

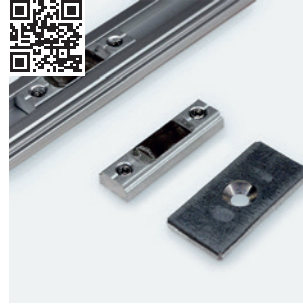
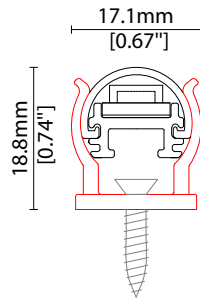
## MOUNTING ACCESSORIES

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



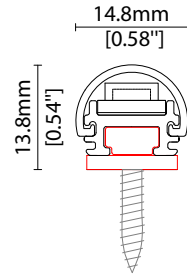
**TCFC-01**

Clip (allow 2 per 500mm/20in)  
Clear plastic finish  
L20/W17.1/H18.8mm  
(0.79/W0.67/H0.74")

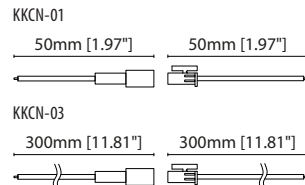
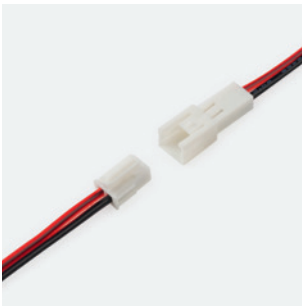


**TCMS-01**

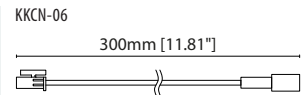
Magnet fixing set  
(allow 2 per 500mm/20in)  
Aluminium/Steel finish  
L30/W14.8/H13.8mm  
(L1.18/W0.58/H0.54")



## POWER FEED



**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

## 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)



Linear

# TiMi-C A010 (10W) Accessories

# KKDC

## KKDC CONTROL (CONTINUED)



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)

### 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

<sup>1</sup> The items shown above cover the most frequently used specification but does not exhaust the possible options

<sup>2</sup> 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

<sup>3</sup> Electrical shop drawing will include detailed information of PSU and relevant control drivers

<sup>4</sup> Cut sheets are available on the controls section of [www.kkdc.lighting](http://www.kkdc.lighting) or upon request