

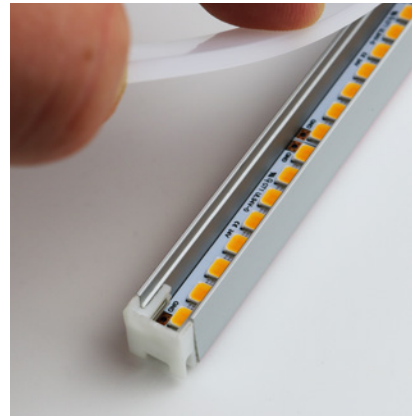
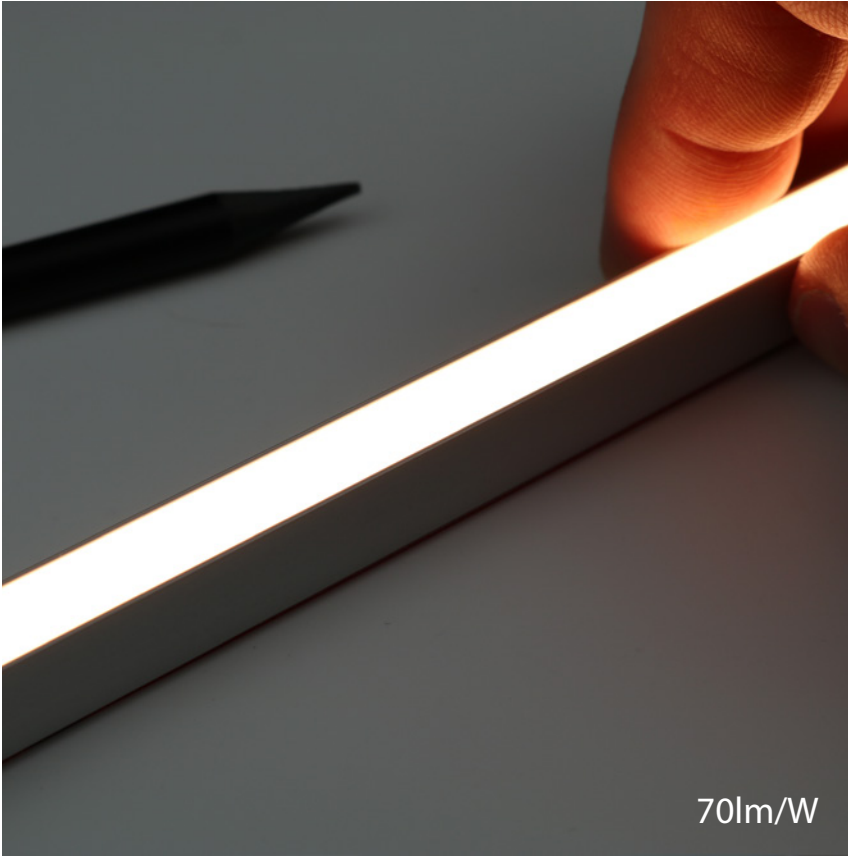
Linear

TIMI Glow A020 (20W)

Fixture Guide

KKDÖ

Indoor | Surface | Output up to 1400lm/m (427lm/ft)

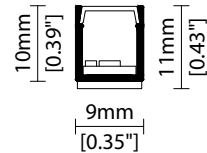


Key applications

- ✓ Architectural detail
- ✓ Cabinet & furniture
- ✓ Cove lighting
- ✓ Direct lighting
- ✓ Interior
- ✓ Mirror back lighting
- ✓ Retail display
- ✓ Shelving display

Key features

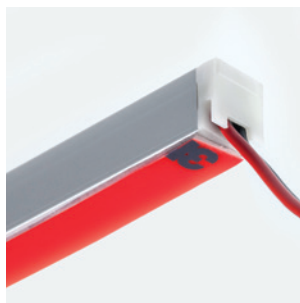
- ✓ A-line (High Efficacy)
- ✓ Custom lengths
- ✓ Constant Voltage (CV)
- ✓ Diffusion: homogenous
- ✓ Direct view
- ✓ Illuminated ends
- ✓ IP40 dry area
- ✓ Thin light line



MOUNTING METHODS



KKCP-22 Lock Clip



3M tape mounting



Dual cable exit design

Linear

TIMI Glow A020 (20W)

Specification sheet



Dimensions	H10/W9/L85-2008mm (H0.39/W0.35/L3.34-79.06in)
PCB Cut-point	38.46mm increment/2000mm max (1.51in increment/78.74in max)
LED Pitch	4.8mm - 208LED/m (0.19in - 64LED/ft)
Chip	A-line
Cover/Optics	Diffused (110°)
CCT	A-line: 2700K/3000K/4000K
LED binning	A-line: 3-step MacAdam ellipse
CRI	≥94
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 40°C (T _c max = 82°C) T _a = -13 to 122°F (T _c max = 179.6 °F)
IP Rating	IP40
Finish	Silver anodised
Mounting	Surface mounting via 3M tape or clips
Power feed	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

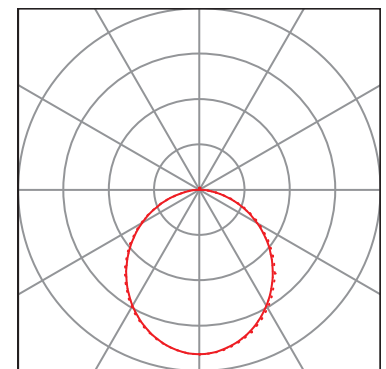
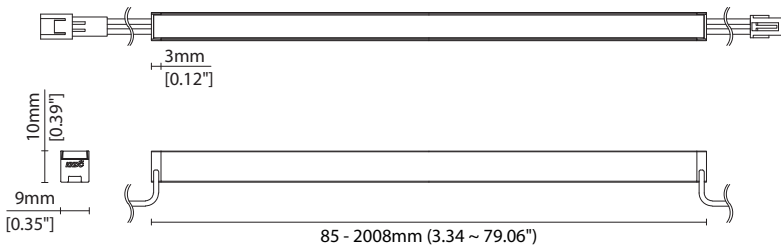
Exclusive Grade *KKDC tuned CCT range
A-line* 3-step CCT range
 KKDC highest lumen efficacy LED

Power consumption	Supply voltage	Supply current
20W/m (6.1W/ft)	24V DC	0.83A/m (0.25A/ft)

Performance Data (3000K)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
A-line	95	99	99	93	94	97	91	83	63	95	95	79	96	100

Diffused				CRI	R9	Rf	Rg
A-line	1400lm/m (427lm/ft)	70lm/W		94	63	-	-



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

Linear

TIMI Glow A020 (20W) Code Table



FIXTURE

Model	Finish	Cover/Lens ¹	Grade ²	LED	Colour (CCT)	Length Availability ³	IP	Cable Length	Power Feed ⁴	Input		
TIMI Glow	TG	Silver Anodised SA	Diffused C	A- A	A020 020	2700K 27 3000K 30 4000K 40	m i	85-2008mm 38.46mm increments 3.34-79.06in 1.51in increments	IP40 40	50mm (1.97in) 0050 300mm (11.81in) 0300	Single no sheath tail S00X Double no sheath tail D00X Single no sheath IP20 connector S20X Double no sheath IP20 connector D20X	DC 24V g

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

Code Example:

TG	-	SA	-	B	-	A-	-	020	-	30	-	m	-	508	-	40	-	0050	-	D20X	-	g
TIMI Glow		Silver Anodised		Clear		A-		A020		3000K		508mm		IP40		50mm (1.97in)		Double no sheath IP20 connector		DC 24V		

ACCESSORIES

Mounting Accessories

KKCP-22 Lock Clip (1no.)

* 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	LED	Lumen/m	Lumen/ft	W/m	W/ft	Spec Doc	Length	Increment
Single CCT	R014	697	213	14	4.27	TIMI Glow R014	91.4-2008mm (3.60-79.06in)	41.7mm (1.64in)
	R020	912	278	20	6.09	TIMI Glow R020	91.4-2008mm (3.60-79.06in)	41.7mm (1.64in)
	A010	700	213	10	3.05	TIMI Glow A010	85.0-2008mm (3.34-79.06in)	38.46mm (1.51in)
	A020	1400	427	20	6.10	TIMI Glow A020	85.0-2008mm (3.34-79.06in)	38.46mm (1.51in)

* Performance data: A/s/k-line, diffused cover, 3000K

Linear

TIMI Glow A020 (20W)

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)
m0085	i0003	85mm	3.34in	77mm	3.03in	6mm	0.24in	1.54	108
m0123	i0005	123mm	4.86in	115mm	4.54in	6mm	0.24in	2.31	162
m0162	i0006	162mm	6.37in	154mm	6.06in	6mm	0.24in	3.08	215
m0200	i0008	200mm	7.89in	192mm	7.57in	6mm	0.24in	3.85	269
m0239	i0009	239mm	9.40in	231mm	9.09in	6mm	0.24in	4.62	323
m0277	i0011	277mm	10.91in	269mm	10.60in	6mm	0.24in	5.38	377
m0316	i0012	316mm	12.43in	308mm	12.11in	6mm	0.24in	6.15	431
m0354	i0014	354mm	13.94in	346mm	13.63in	6mm	0.24in	6.92	485
m0393	i0015	393mm	15.46in	385mm	15.14in	6mm	0.24in	7.69	538
m0431	i0017	431mm	16.97in	423mm	16.66in	6mm	0.24in	8.46	592
m0470	i0018	470mm	18.49in	462mm	18.17in	6mm	0.24in	9.23	646
m0508	i0020	508mm	20.00in	500mm	19.69in	6mm	0.24in	10.00	700
m0546	i0022	546mm	21.51in	538mm	21.20in	6mm	0.24in	10.77	754
m0585	i0023	585mm	23.03in	577mm	22.71in	6mm	0.24in	11.54	808
m0623	i0025	623mm	24.54in	615mm	24.23in	6mm	0.24in	12.31	862
m0662	i0026	662mm	26.06in	654mm	25.74in	6mm	0.24in	13.08	915
m0700	i0028	700mm	27.57in	692mm	27.26in	6mm	0.24in	13.85	969
m0739	i0029	739mm	29.09in	731mm	28.77in	6mm	0.24in	14.62	1023
m0777	i0031	777mm	30.60in	769mm	30.28in	6mm	0.24in	15.38	1077
m0816	i0032	816mm	32.11in	808mm	31.80in	6mm	0.24in	16.15	1131
m0854	i0034	854mm	33.63in	846mm	33.31in	6mm	0.24in	16.92	1185
m0893	i0035	893mm	35.14in	885mm	34.83in	6mm	0.24in	17.69	1238
m0931	i0037	931mm	36.66in	923mm	36.34in	6mm	0.24in	18.46	1292
m0970	i0038	970mm	38.17in	962mm	37.86in	6mm	0.24in	19.23	1346
m1008	i0040	1008mm	39.69in	1000mm	39.37in	6mm	0.24in	20.00	1400
m1046	i0041	1046mm	41.20in	1038mm	40.88in	6mm	0.24in	20.77	1454
m1085	i0043	1085mm	42.71in	1077mm	42.40in	6mm	0.24in	21.54	1508
m1123	i0044	1123mm	44.23in	1115mm	43.91in	6mm	0.24in	22.31	1562
m1162	i0046	1162mm	45.74in	1154mm	45.43in	6mm	0.24in	23.08	1615
m1200	i0047	1200mm	47.26in	1192mm	46.94in	6mm	0.24in	23.85	1669
m1239	i0049	1239mm	48.77in	1231mm	48.46in	6mm	0.24in	24.62	1723
m1277	i0050	1277mm	50.28in	1269mm	49.97in	6mm	0.24in	25.38	1777
m1316	i0052	1316mm	51.80in	1308mm	51.48in	6mm	0.24in	26.15	1831
m1354	i0053	1354mm	53.31in	1346mm	53.00in	6mm	0.24in	26.92	1885
m1393	i0055	1393mm	54.83in	1385mm	54.51in	6mm	0.24in	27.69	1938
m1431	i0056	1431mm	56.34in	1423mm	56.03in	6mm	0.24in	28.46	1992
m1470	i0058	1470mm	57.86in	1462mm	57.54in	6mm	0.24in	29.23	2046
m1508	i0059	1508mm	59.37in	1500mm	59.06in	6mm	0.24in	30.00	2100
m1546	i0061	1546mm	60.88in	1538mm	60.57in	6mm	0.24in	30.77	2154
m1585	i0062	1585mm	62.40in	1577mm	62.08in	6mm	0.24in	31.54	2208
m1623	i0064	1623mm	63.91in	1615mm	63.60in	6mm	0.24in	32.31	2262
m1662	i0065	1662mm	65.43in	1654mm	65.11in	6mm	0.24in	33.08	2315
m1700	i0067	1700mm	66.94in	1692mm	66.63in	6mm	0.24in	33.85	2369

Linear

TIMI Glow A020 (20W)

Length Availability List

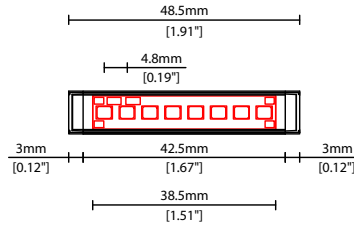


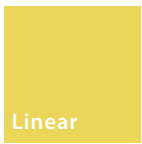
Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)
m1739	i0068	1739mm	68.46in	1731mm	68.14in	6mm	0.24in	34.62	2423
m1777	i0070	1777mm	69.97in	1769mm	69.65in	6mm	0.24in	35.38	2477
m1816	i0071	1816mm	71.48in	1808mm	71.17in	6mm	0.24in	36.15	2531
m1854	i0073	1854mm	73.00in	1846mm	72.68in	6mm	0.24in	36.92	2585
m1893	i0075	1893mm	74.51in	1885mm	74.20in	6mm	0.24in	37.69	2638
m1931	i0076	1931mm	76.03in	1923mm	75.71in	6mm	0.24in	38.46	2692
m1970	i0078	1970mm	77.54in	1962mm	77.23in	6mm	0.24in	39.23	2746
m2008	i0079	2008mm	79.06in	2000mm	78.74in	6mm	0.24in	40.00	2800

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



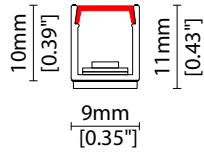


TIMI Glow A020 (20W) Options



COVER/LENS OPTIONS

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

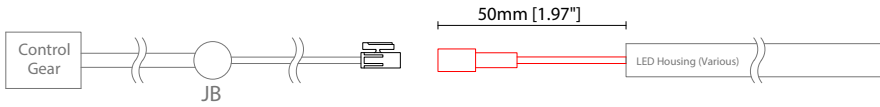


C Diffused cover

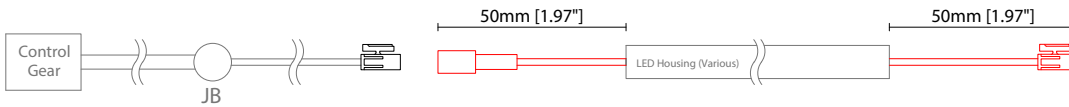
W9/H10mm (W0.35/H0.39")

POWER FEED OPTIONS

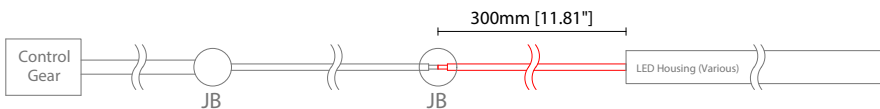
0050 S20X 50mm (1.97") Single no sheath IP20 connector



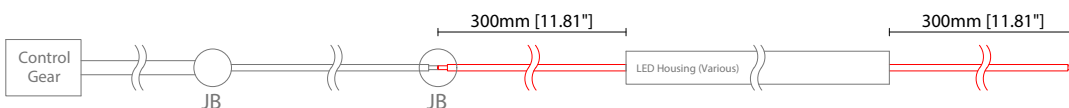
0050 D20X 50mm (1.97") Double no sheath IP20 connector



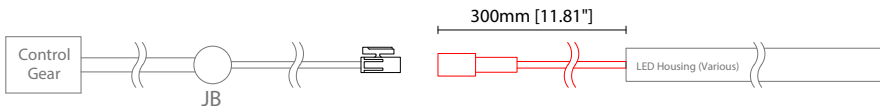
0300 S00X 300mm (11.81") Single no sheath tail



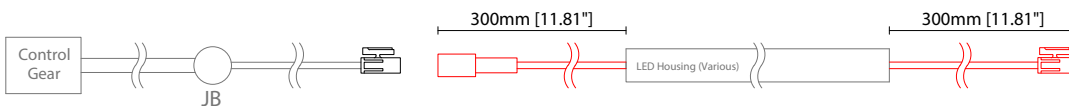
0300 D00X 300mm (11.81") Double no sheath tail



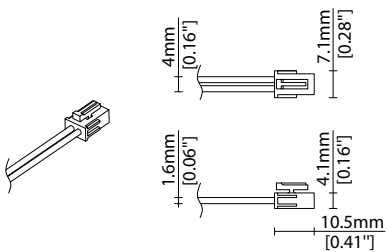
0300 S20X 300mm (11.81") Single no sheath IP20 connector



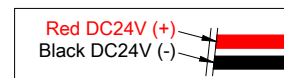
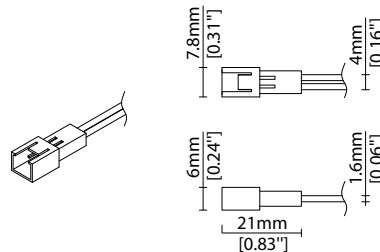
0300 D20X 300mm (11.81") Double no sheath IP20 connector



2 Pin Female Connector



2 Pin Male Connector

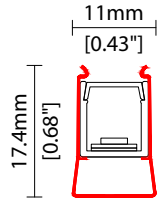


Key

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

MOUNTING ACCESSORIES

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

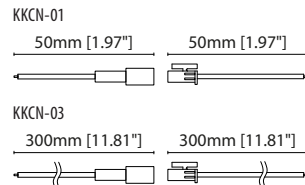


KKCP-22 (1no.)

Lock Clip (allow 3 per metre/40in)
S/Steel finish

L25/W11/H17.4mm
(L0.98/W0.43/H0.68")

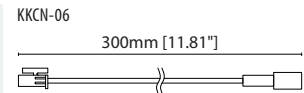
POWER FEED



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

Linear

TIMI Glow A020 (20W) Accessories

KKDC

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)

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