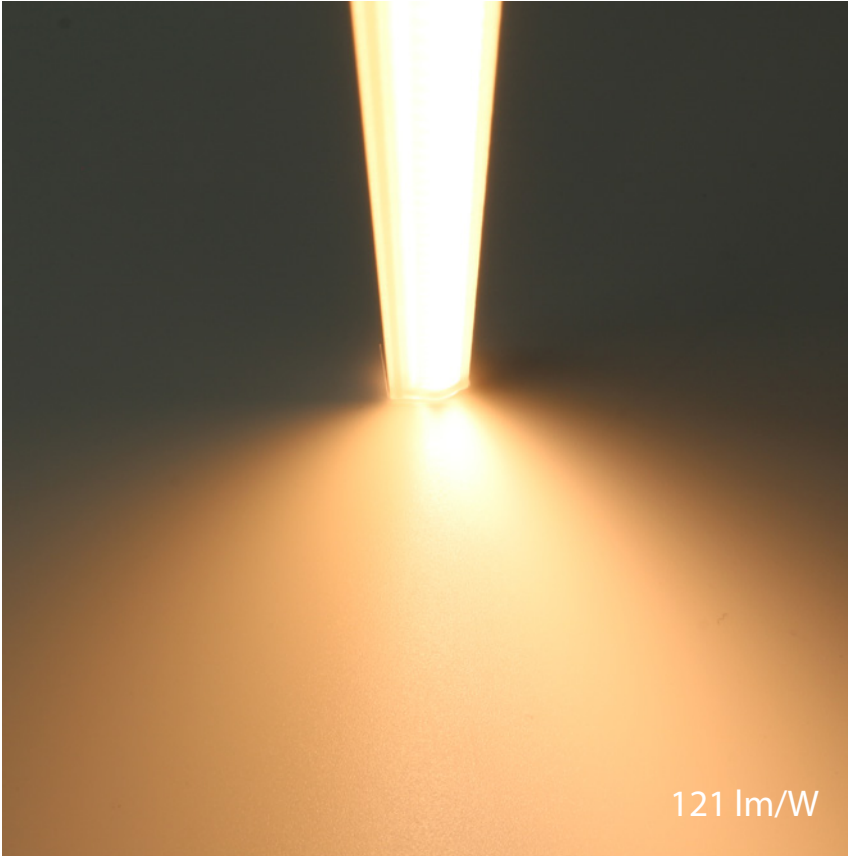


Linear

# TIMI Asymmetric AS30 (30W) Fixture Guide



Indoor | Surface | Output up to 3630lm/m (853lm/ft)

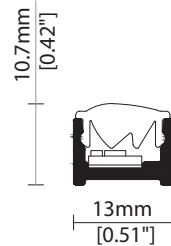


## Key applications

- ✓ Architectural detail
- ✓ Backlighting & signage
- ✓ Cabinet & furniture
- ✓ Ceiling
- ✓ Cove lighting
- ✓ Direct lighting
- ✓ Display case
- ✓ Interior
- ✓ Retail display
- ✓ Shelving display
- ✓ Wallwashing

## Key features

- ✓ A-line (High Efficacy)
- ✓ Asymmetric lens
- ✓ Custom lengths
- ✓ Constant Voltage (CV)
- ✓ High lumen efficacy
- ✓ IP40 dry area



## MOUNTING METHODS



TF Tape fixing



MF Magnet fixing

Linear

# TIMI Asymmetric AS30 (30W)

## Specification sheet



<b>Dimensions</b>	H10.7/W13/L89-1012mm (H0.42/W0.51/L3.50-39.84in) *KKLN-A2 = 1010mm/39.76in Max
<b>PCB Cut-point</b>	38.46mm increment/1000mm max (1.51in increment/39.37in max)
<b>LED Pitch</b>	4.8mm - 208LED/m (0.19in - 64LED/ft)
<b>Chip</b>	<b>A-line</b>
<b>Cover/Optics</b>	KKLN-A2 Asymmetric lens (Beam tilt 15°, Beam angle 45°)
<b>CCT</b>	<b>A-line:</b> 2700K/3000K/4000K
<b>LED binning</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 45°C (T <sub>c</sub> max = 80.1°C) T <sub>a</sub> = -13 to 113°F (T <sub>c</sub> max = 176°F)
<b>IP Rating</b>	IP40
<b>Finish</b>	Silver anodised
<b>Mounting</b>	Surface mounting via 3M tape or magnet
<b>Power feed</b>	Hardwire tails or male/female connectors
<b>Control</b>	0-10V/1-10V/DMX/DALI



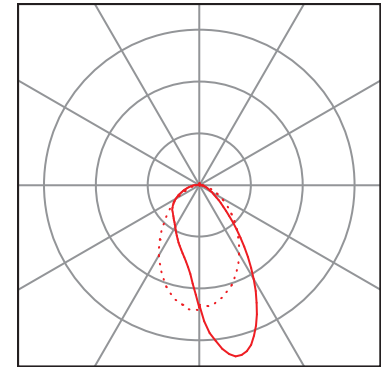
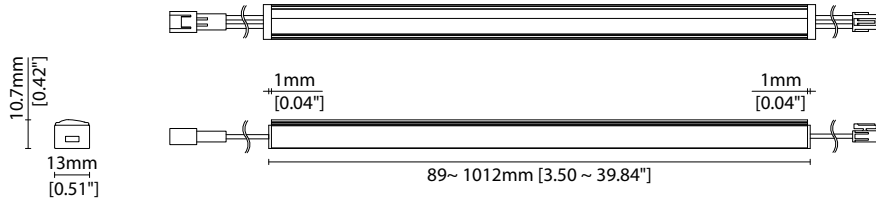
### LED Grading Key

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

<b>Power consumption</b>	<b>Supply voltage</b>	<b>Supply current</b>
30W/m (9.14W/ft)	24V DC	1.25A/m (0.381A/ft)

### Performance Data (3000K)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14		
<b>A-line</b>	95	96	96	94	93	94	94	87	70	90	94	77	95	97		
	<b>KKLN-A2</b>															
													<b>CRI</b>	<b>R9</b>	<b>Rf</b>	<b>Rg</b>
<b>A-line</b>	3630lm/m (853lm/ft) 121lm/w												94	70	-	-



KKLN-A2 Asymmetric Lens  
 — C0 / C180 cd / 1000 lm    - - - C90 / C270

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

Linear

# TIMI Asymmetric AS30 (30W) Code Table



## 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>	Fixing	Input	
TIMI Asymmetric	Silver Anodised	KCLN-A2 (Asymmetric lens)	A-	AS30	2700K 27	m 89-1012mm 38.46mm increments	IP40 40	300mm (11.81in) 0300	Single no sheath tail	3M Tape fixed	TF DC 24V	
					3000K 30				Double no sheath tail			D00X
					4000K 40				Single no sheath IP20 connector			S20X
						i 3.50-39.84in 1.51in increments		Double no sheath IP20 connector	D20X			
						(Specify length code OR total run length)						

<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:

IY	-	SA	-	A2	-	A	-	AS30	-	30	-	m	512	-	40	-	0300	-	D20X	-	TF	-	g
TIMI		Silver Anodised		KCLN-A2 (Asymmetric lens)		A-		AS30		3000K		512mm		IP40		300mm (11.81in)		Double no sheath IP20 connector		3M Tape fixed		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/1-10W/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

# TIMI Asymmetric AS30 (30W)

## Length Availability List

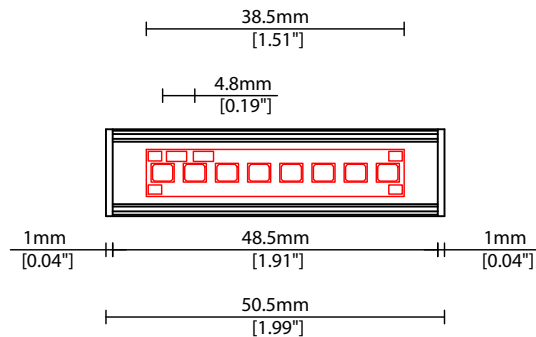


Length Code		Fixture Length <sup>1</sup>		LED Strip <sup>2</sup>		End Cap Dimension		Wattage (W)	Output (lm)
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		
m0089	i0004	89mm	3.50in	77mm	3.03in	2mm	0.08in	2.31	279
m0127	i0005	127mm	5.02in	115mm	4.54in	2mm	0.08in	3.46	419
m0166	i0007	166mm	6.53in	154mm	6.06in	2mm	0.08in	4.62	558
m0204	i0008	204mm	8.04in	192mm	7.57in	2mm	0.08in	5.77	698
m0243	i0010	243mm	9.56in	231mm	9.09in	2mm	0.08in	6.92	838
m0281	i0011	281mm	11.07in	269mm	10.60in	2mm	0.08in	8.08	977
m0320	i0013	320mm	12.59in	308mm	12.11in	2mm	0.08in	9.23	1117
m0358	i0014	358mm	14.10in	346mm	13.63in	2mm	0.08in	10.38	1257
m0397	i0016	397mm	15.61in	385mm	15.14in	2mm	0.08in	11.54	1396
m0435	i0017	435mm	17.13in	423mm	16.66in	2mm	0.08in	12.69	1536
m0474	i0019	474mm	18.64in	462mm	18.17in	2mm	0.08in	13.85	1675
m0512	i0020	512mm	20.16in	500mm	19.69in	2mm	0.08in	15.00	1815
m0550	i0022	550mm	21.67in	538mm	21.20in	2mm	0.08in	16.15	1955
m0589	i0023	589mm	23.19in	577mm	22.71in	2mm	0.08in	17.31	2094
m0627	i0025	627mm	24.70in	615mm	24.23in	2mm	0.08in	18.46	2234
m0666	i0026	666mm	26.21in	654mm	25.74in	2mm	0.08in	19.62	2373
m0704	i0028	704mm	27.73in	692mm	27.26in	2mm	0.08in	20.77	2513
m0743	i0029	743mm	29.24in	731mm	28.77in	2mm	0.08in	21.92	2653
m0781	i0031	781mm	30.76in	769mm	30.28in	2mm	0.08in	23.08	2792
m0820	i0032	820mm	32.27in	808mm	31.80in	2mm	0.08in	24.23	2932
m0858	i0034	858mm	33.79in	846mm	33.31in	2mm	0.08in	25.38	3072
m0897	i0035	897mm	35.30in	885mm	34.83in	2mm	0.08in	26.54	3211
m0935	i0037	935mm	36.81in	923mm	36.34in	2mm	0.08in	27.69	3351
m0974	i0038	974mm	38.33in	962mm	37.86in	2mm	0.08in	28.85	3490
m1012	i0040	1012mm	39.84in	1000mm	39.37in	2mm	0.08in	30.00	3630

<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

<sup>3</sup> Actual length of 2x end caps



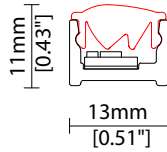
Linear

# TIMI Asymmetric AS30 (30W) Options

# KKDC

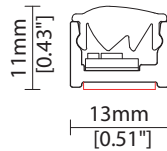
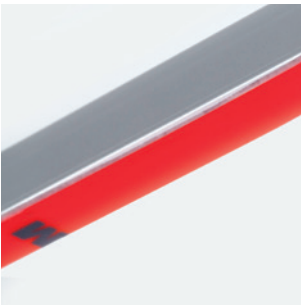
## COVER/LENS OPTIONS

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

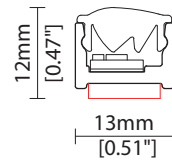


A2 KKLN-A2 Asymmetric  
H11/W13 (H0.43/W0.51")

## FIXING OPTIONS



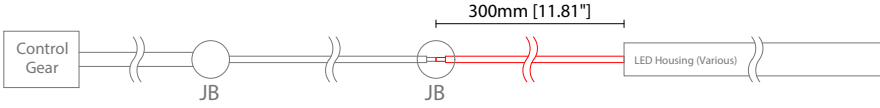
TF Tape fixing



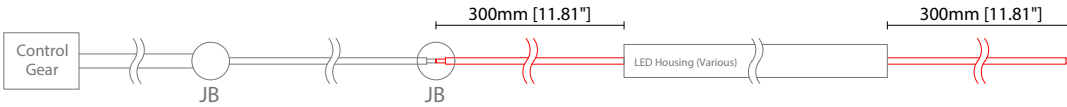
MF Magnet fixing

## POWER FEED OPTIONS

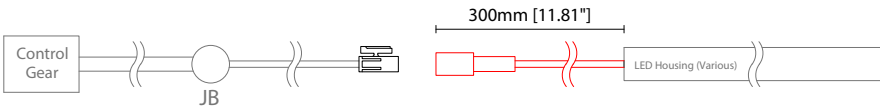
0300 S00X 300mm (11.81") Single no sheath tail



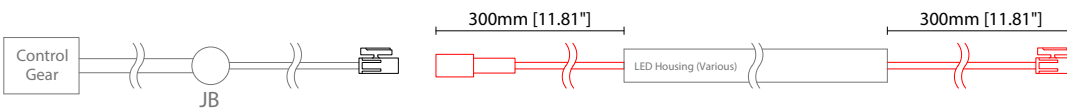
0300 D00X 300mm (11.81") Double no sheath tail



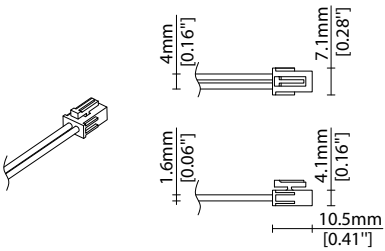
0300 S20X 300mm (11.81") Single no sheath IP20 connector



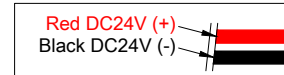
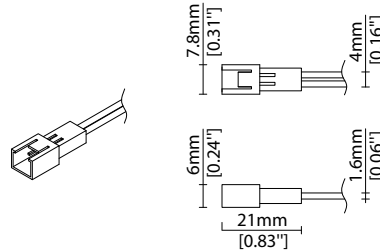
0300 D20X 300mm (11.81") Double no sheath IP20 connector



### 2 Pin Female Connector



### 2 Pin Male Connector

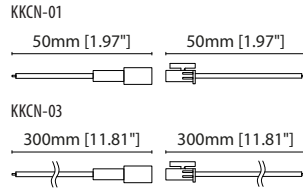
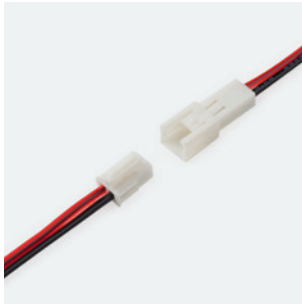


### Key

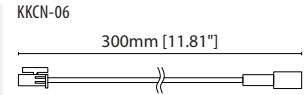
Control Gear Power supply, sub-controllers & control systems  
JB Junction box / cable connection

## 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

## 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)



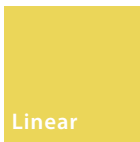
IP20  
Plastic housing  
L170/W59/H29mm  
(L6.69/W2.32/H1.14in)

**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)



# TIMI

## 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	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