

Linear

TANA Micro 352

Specification sheet



Dimension	H14/W15/L93.3-2010mm (H0.55/W0.59/L3.67-79.13in)
PCB increment	83.3mm increment/2000mm max (3.28in increment/78.74in max)
LED pitch	13.9mm - 72LED/m (0.55in - 22LED/ft)
Chip	s/e-line Toyoda Gosei k-line Samsung
Beam angle	90° (No Cover)
Colours	s/e-line 2100K/2500K/2700K/3000K/3500K/4000K/5000K s-line Single colours: Red/Green/Blue/Orange/Amber k-line 1900K/2100K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2-step MacAdam ellipse e/k-line 3-step MacAdam ellipse
CRI	≥ 90
Lifetime	35,000 hours @ 25°C (35,000 hours @ 77°F)
Operating temp	T _a = -25 to 55°C (T _c max = 65°C) T _a = -13 to 131°F (T _c max = 149°F)
IP rating	IP20
Finish	Silver anodised
Cover/lens	N/A
Mounting	Surface mounting via 3M tape or screw mount end caps
Power feed	Hardwire tails
Control	0-10V/1-10V/DMX/DALI



LED Grading Key

Exclusive Grade

s s-line*	*KKDC tuned CCT range
2-step CCT range	
e e-line*	
3-step CCT range	

Base Grade

k k-line	3-step commercial range Energy Star CCTs
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PERFORMANCE DATA @ 3000K

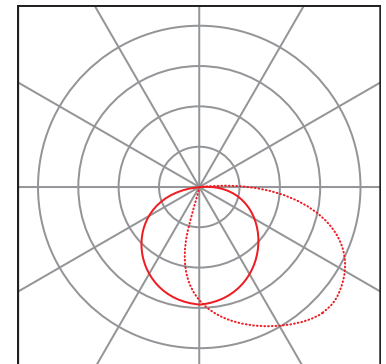
Power consumption	Supply voltage	Supply current
5.5W/m (1.67W/ft)	24V DC	0.23A/m (0.07A/ft)

Colour Rendering Index (CRI)

	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
k-line	94	97	98	93	93	96	92	83	60	93	94	82	95	99

No Cover

					CRI	R9	Rf	Rg
s/e-line	450lm/m (136lm/ft)	82.1lm/W			93	62	-	-
k-line	440lm/m (134lm/ft)	80.9lm/W			92	60	-	-



No Cover
— C0 / C180 cd / 1000 lm - - - C90 / C270

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

TANA Micro 352

Length Availability List

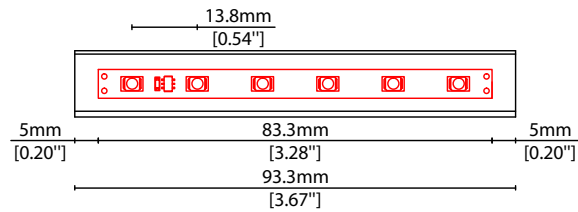


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m0093	i0004	93mm	3.67in	83mm	3.28in	10mm	0.39in	0.46	37	25-39
m0177	i0007	177mm	6.96in	167mm	6.56in	10mm	0.39in	0.92	74	51-77
m0260	i0010	260mm	10.24in	250mm	9.84in	10mm	0.39in	1.37	111	76-116
m0343	i0014	343mm	13.52in	333mm	13.12in	10mm	0.39in	1.83	148	102-154
m0427	i0017	427mm	16.80in	417mm	16.41in	10mm	0.39in	2.29	185	127-193
m0510	i0020	510mm	20.08in	500mm	19.69in	10mm	0.39in	2.75	222	153-231
m0593	i0023	593mm	23.36in	583mm	22.97in	10mm	0.39in	3.21	260	178-270
m0677	i0027	677mm	26.64in	667mm	26.25in	10mm	0.39in	3.67	297	204-308
m0760	i0030	760mm	29.92in	750mm	29.53in	10mm	0.39in	4.12	334	229-347
m0843	i0033	843mm	33.20in	833mm	32.81in	10mm	0.39in	4.58	371	254-386
m0927	i0036	927mm	36.49in	917mm	36.09in	10mm	0.39in	5.04	408	280-424
m1010	i0040	1010mm	39.77in	1000mm	39.37in	10mm	0.39in	5.50	445	305-463
m1093	i0043	1093mm	43.05in	1083mm	42.65in	10mm	0.39in	5.96	482	331-501
m1177	i0046	1177mm	46.33in	1167mm	45.94in	10mm	0.39in	6.42	519	356-540
m1260	i0050	1260mm	49.61in	1250mm	49.22in	10mm	0.39in	6.87	556	382-578
m1343	i0053	1343mm	52.89in	1333mm	52.50in	10mm	0.39in	7.33	593	407-617
m1427	i0056	1427mm	56.17in	1417mm	55.78in	10mm	0.39in	7.79	630	433-656
m1510	i0059	1510mm	59.45in	1500mm	59.06in	10mm	0.39in	8.25	667	458-694
m1593	i0063	1593mm	62.73in	1583mm	62.34in	10mm	0.39in	8.71	704	483-733
m1677	i0066	1677mm	66.02in	1667mm	65.62in	10mm	0.39in	9.17	742	509-771
m1760	i0069	1760mm	69.30in	1750mm	68.90in	10mm	0.39in	9.62	779	534-810
m1843	i0073	1843mm	72.58in	1833mm	72.18in	10mm	0.39in	10.08	816	560-848
m1927	i0076	1927mm	75.86in	1917mm	75.47in	10mm	0.39in	10.54	853	585-887
m2010	i0079	2010mm	79.14in	2000mm	78.75in	10mm	0.39in	11.00	890	611-925

¹ Length of fixture including aluminium extrusion and end clamps

² Fixture without clamps available in this length upon request

³ Overall dimension including both end caps and internal wiring space



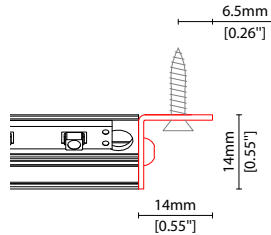
MOUNTING OPTIONS

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



TMEC-01

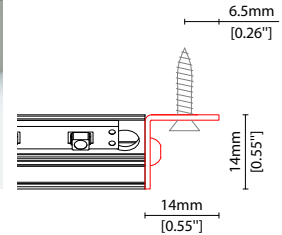
3M Tape and end cap pair



TMEC-02 *

End cap bracket pair
(Includes screws)
S/Steel finish

* Not recommended for use on lengths over 1000mm (40in)



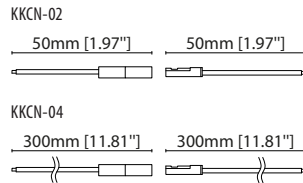
POWER FEED



KKCN-02 50mm (1.97in) pair

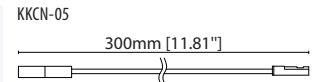
KKCN-04 300mm (11.81in) pair

2 PIN male + female JST connector set



KKCN-05

2 PIN 300mm (11.81in) extension lead (JST)



KKDC CONTROL



KKDM-05 1-10V

visDIM dimmable sub-controller

IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)



KKSC-03A DMX (screw terminal)

visDIM dimmable sub-controller

IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)

Linear

TANA Micro 352 Accessories

KKDÖ

KKDC CONTROL (CONTINUED)



IP20
Black plastic housing
L164/W64/H34mm
(L6.46/W2.52/H1.34in)

KKSC-03B DMX (RJ45)
visDIM dimmable sub-controller



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-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKDM-05	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKDM-05	90-295V	24V	4.0A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKDM-05	90-295V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKDM-05	90-295V	24V	10.0A	240W	100-0.9	IP67/IP20
	CEN-60-24	KKDL-02/03	90-295V	24V	2.5A	60W	100-0.1	IP67/IP20
DALI	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-03	90-295V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-60H-24	KKSC-03	90-305V	24V	2.5A	60W	100-0.9	IP67/IP20
	HLG-100H-24	KKSC-03	90-305V	24V	4A	100W	100-0.9	IP67/IP20
	HLG-150H-24	KKSC-03	90-305V	24V	6.3A	150W	100-0.9	IP67/IP20
	HLG-240H-24	KKSC-03	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