

Linear

LiNi BLADE-H 007 (DIR)

Fixture Guide

KKDÖ

Indoor | Suspended | Tight pitch output up to 470lm/m (140lm/ft)

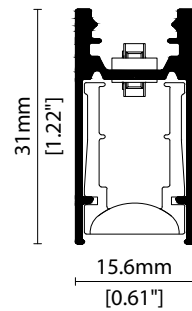


Key applications

- ✓ Ceiling
- ✓ Downlighting
- ✓ Indirect lighting
- ✓ Interior
- ✓ Uplighting

Key features

- ✓ Custom lengths
- ✓ Decorative
- ✓ Diffusion: Homogenous
- ✓ Direct view
- ✓ Extensive CCT range
- ✓ IP20
- ✓ Lensed
- ✓ Output low



MOUNTING METHODS



KKSW-06 Suspension mounting kit

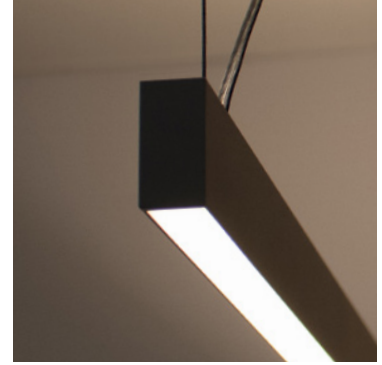
Linear

LiNi BLADE-H 007 (DIR)

Specification sheet



Dimension	H31/W15.6/L270-2020mm (H1.22/W0.61/L10.63-79.53in)
PCB increment	41.7mm increment/2000mm max (1.64in increment/78.74in max)
LED pitch	6.9mm - 144LED/m (0.27in - 44LED/ft)
Chip	s/e-line Toyoda Gosei k-line Toyoda Gosei or Equivalent
Beam angle	DIR - 110° (Diffused Cover)/ 14° (KKLN-01 Lens) IND - 105° (No cover)
IND option	352
Colours	s/e-line 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K k-line 1900K/2100K/2300K/2500K/2700K/3000K/3500K/4000K/5000K
Bin/Step	s-line 2-step MacAdam ellipse e/k-line 3-step MacAdam ellipse
CRI	≥ 90
Lifetime	50,000 hours @ 25°C (50,000 hours @ 77°F)
Operating temp	T _a = -25 to 60°C (T _c max = 78.1°C) T _a = -13 to 140°F (T _c max = 172.58°F)
IP rating	IP20
Finish	Matt White/Matt Black/Matt Gray/Matt Silver/Bronze Powder coating
Cover/lens	DIR - Diffused/14° lens accessory, IND - No Cover
Mounting	Suspended via suspension kit
Power feed	Hardwire tails
Control	0-10V/1-10V/DMX/DALI
Combination	(Direct) 007 (Indirect) 352



LED Grading Key

Exclusive Grade

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

Base Grade

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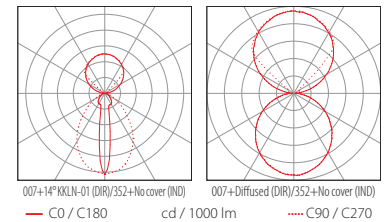
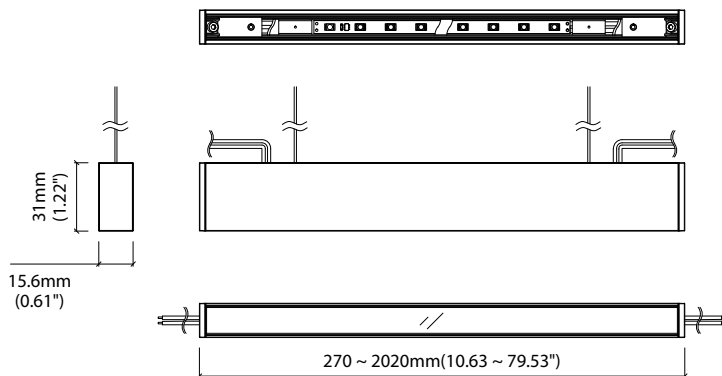
PERFORMANCE DATA @ 3000K

Power consumption	Supply voltage	Supply current
15.5W/m (4.72W/ft)	24V DC	0.64A/m(0.2A/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

	007+14° KKLN-01 (DIR)	007+Diffused (DIR)	352+No Cover (IND)	CRI	R9	Rf	Rg
s/e-line	470lm/m (140lm/ft) 42.8lm/W	260lm/m (80.2lm/ft) 23.9lm/W	320lm/m (98lm/ft) 69.7lm/W	93	63	-	-
k-line	460lm/m (140lm/ft) 42.2lm/W	260lm/m (79lm/ft) 23.5lm/W	320lm/m (96lm/ft) 68.7lm/W	92	60	-	-



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

See KKDC website for product document updates.

www.kkdc.lighting

LiNiBLADEH007S-02.06EN-20220805

LiNi BLADE-H 007 (DIR)

Code Table



FIXTURE

Model	Finish	Cover/Lens ¹	Grade ²	LED	Colour (CCT)	Length Availability ³	IP	Cable Length	Power Feed	Input			
LiNi BLADE-H	Matt White Paint	MW	C	DIR 007 + IND 352	1900K	m 270-2020mm 41.7mm increments	IP20	20	3000mm/ 118.11"	Suspension single no sheath tail ⁴	500H	DC 24V	g
	Matt Silver Paint	MS			2100K								
	Matt Grey Paint	MG	S	2300K	23	i 10.63-79.53in 1.64in increments							
	Matt Black Paint	MB											
	Bronze Paint	BP	2700K	27	(Specify length code OR total run length)								
			3000K	30									
		3500K	35										
		4000K	40										
		5000K	50										

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 Transparent suspension wire

Code Example:

BH	-	MW	-	C	-	s	-	0732	-	35	-	m	520	-	20	-	0300	-	500H	-	g
LiNi BLADE-H		Matt White Paint		Diffused (DIR) No cover (IND)				DIR 007 + IND 352		3500K			519.9mm		IP20		300mm/11.81"		Suspension single no sheath tail		DC 24V

ACCESSORIES

Mounting Accessories

KKSW-06 Suspension Mounting Kit

* 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	Mid	352	1170	356	20.5	6.25	LiNi BLADE-H 352	270-2020mm (10.63-79.53in)	83.3mm (3.28in)
	Mid	504	880	267	17.1	5.21	LiNi BLADE-H 504	220-2020mm (8.66-79.53in)	100mm (3.94in)
	Mid	508	820	250	22.1	6.74	LiNi BLADE-H 508	234-2020mm (9.21-79.53in)	71.4mm (2.81in)
	Low	007	470	140	15.5	4.72	LiNi BLADE-H 007	270-2020mm (10.63-79.53in)	41.7mm (1.64in)

* Performance data: (DIR), s/e-line, 14° KKLN-01 lens, 3000K

LiNi BLADE-H 007 (DIR)

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
m0270	i0011	270mm	10.63in	250mm	9.84in	5mm	0.20in	3.16	148	76-154
m0312	i0012	312mm	12.27in	292mm	11.48in	5mm	0.20in	4.07	199	110-207
m0353	i0014	353mm	13.91in	333mm	13.12in	5mm	0.20in	4.52	218	118-227
m0395	i0016	395mm	15.55in	375mm	14.76in	5mm	0.20in	5.43	270	152-280
m0437	i0017	437mm	17.19in	417mm	16.41in	5mm	0.20in	5.88	289	160-300
m0478	i0019	478mm	18.83in	458mm	18.05in	5mm	0.20in	6.79	340	194-354
m0520	i0020	520mm	20.47in	500mm	19.69in	5mm	0.20in	7.24	359	203-374
m0562	i0022	562mm	22.11in	542mm	21.33in	5mm	0.20in	8.15	411	236-427
m0603	i0024	603mm	23.76in	583mm	22.97in	5mm	0.20in	8.60	430	245-447
m0645	i0025	645mm	25.40in	625mm	24.61in	5mm	0.20in	9.51	481	279-501
m0687	i0027	687mm	27.04in	667mm	26.25in	5mm	0.20in	9.96	501	287-521
m0728	i0029	728mm	28.68in	708mm	27.89in	5mm	0.20in	10.87	552	321-574
m0770	i0030	770mm	30.32in	750mm	29.53in	5mm	0.20in	11.32	571	329-594
m0812	i0032	812mm	31.96in	792mm	31.17in	5mm	0.20in	12.23	622	363-647
m0853	i0034	853mm	33.60in	833mm	32.81in	5mm	0.20in	12.68	642	371-667
m0895	i0035	895mm	35.24in	875mm	34.45in	5mm	0.20in	13.59	693	405-721
m0937	i0037	937mm	36.88in	917mm	36.09in	5mm	0.20in	14.04	712	414-741
m0978	i0039	978mm	38.52in	958mm	37.73in	5mm	0.20in	14.95	764	447-794
m1020	i0040	1020mm	40.16in	1000mm	39.37in	5mm	0.20in	15.40	783	456-814
m1062	i0042	1062mm	41.80in	1042mm	41.01in	5mm	0.20in	16.31	834	490-868
m1103	i0043	1103mm	43.44in	1083mm	42.65in	5mm	0.20in	16.76	853	498-888
m1145	i0045	1145mm	45.08in	1125mm	44.29in	5mm	0.20in	17.67	905	532-941
m1187	i0047	1187mm	46.72in	1167mm	45.94in	5mm	0.20in	18.12	924	540-961
m1228	i0048	1228mm	48.36in	1208mm	47.58in	5mm	0.20in	19.03	975	574-1014
m1270	i0050	1270mm	50.00in	1250mm	49.22in	5mm	0.20in	19.48	995	582-1034
m1312	i0052	1312mm	51.64in	1292mm	50.86in	5mm	0.20in	20.39	1046	616-1088
m1353	i0053	1353mm	53.29in	1333mm	52.50in	5mm	0.20in	20.84	1065	625-1108
m1395	i0055	1395mm	54.93in	1375mm	54.14in	5mm	0.20in	21.75	1117	658-1161
m1437	i0057	1437mm	56.57in	1417mm	55.78in	5mm	0.20in	22.20	1136	667-1181
m1478	i0058	1478mm	58.21in	1458mm	57.42in	5mm	0.20in	23.11	1187	701-1235
m1520	i0060	1520mm	59.85in	1500mm	59.06in	5mm	0.20in	23.56	1206	709-1255
m1562	i0061	1562mm	61.49in	1542mm	60.70in	5mm	0.20in	24.47	1258	743-1308
m1603	i0063	1603mm	63.13in	1583mm	62.34in	5mm	0.20in	24.92	1277	751-1328
m1645	i0065	1645mm	64.77in	1625mm	63.98in	5mm	0.20in	25.83	1328	785-1381
m1687	i0066	1687mm	66.41in	1667mm	65.62in	5mm	0.20in	26.28	1348	793-1401
m1728	i0068	1728mm	68.05in	1708mm	67.26in	5mm	0.20in	27.19	1399	827-1455
m1770	i0070	1770mm	69.69in	1750mm	68.90in	5mm	0.20in	27.64	1418	836-1475
m1812	i0071	1812mm	71.33in	1792mm	70.54in	5mm	0.20in	28.55	1469	869-1528
m1853	i0073	1853mm	72.97in	1833mm	72.18in	5mm	0.20in	29.00	1489	878-1548
m1895	i0075	1895mm	74.61in	1875mm	73.82in	5mm	0.20in	29.91	1540	912-1602
m1937	i0076	1937mm	76.25in	1917mm	75.47in	5mm	0.20in	30.36	1559	920-1622

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Length Availability List

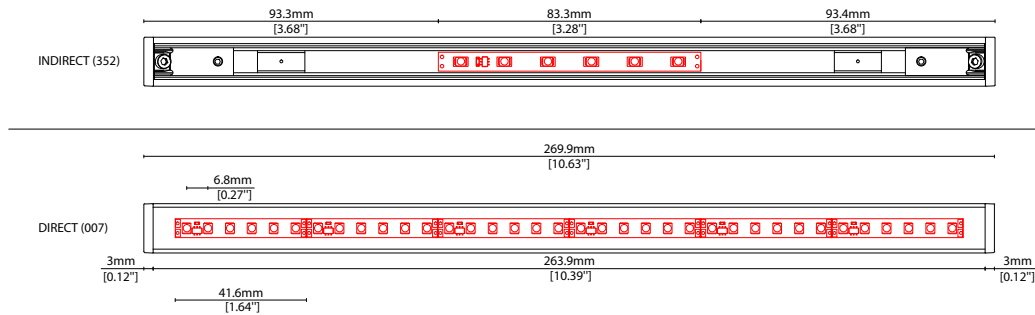


Length Code		Fixture Length ¹		LED Strip ²		End Cap Dimension ³		Wattage (W)	Output (lm)	
Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)	Metric	Imperial(US)		3000K (Test Data)	Range Data
m1978	i0078	1978mm	77.89in	1958mm	77.11in	5mm	0.20in	31.27	1611	954-1675
m2020	i0080	2020mm	79.53in	2000mm	78.75in	5mm	0.20in	31.72	1630	962-1695

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



Linear

LiNi BLADE-H 007 (DIR) Options

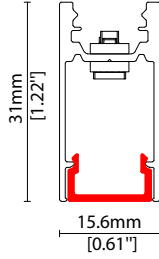
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COVER/LENS OPTIONS

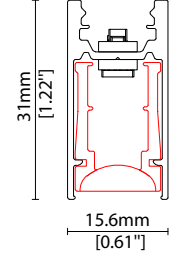
* Options are an integral part of the fixture ordering codes. Please refer to **Code Table** pages.



C Diffused



S 14° (KCLN-01)



Linear

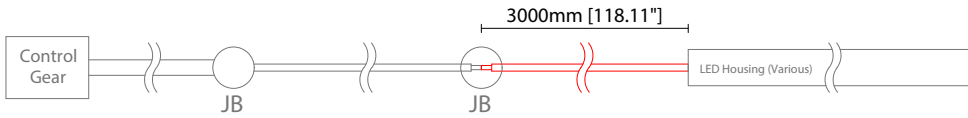
LiNi BLADE-H 007 (DIR) Options

KKDC

POWER FEED OPTIONS

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

3000 S00H 3000mm (118.11") Suspension single no sheath tail



Key

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

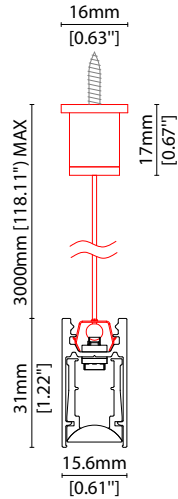
MOUNTING ACCESSORIES

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

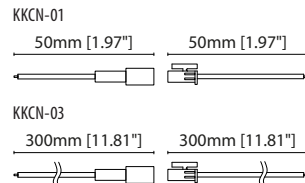


KKSU-06

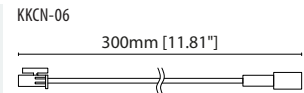
Suspension mounting kit
(allow 2 per metre/40in)
S/Steel finish
L14.9/W16/H3031mm MAX
(L0.59/W0.63/H119.33" MAX)



POWER FEED



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



KKC-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

LiNi BLADE-H 007 (DIR)

Accessories

KKDÖ

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
	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-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