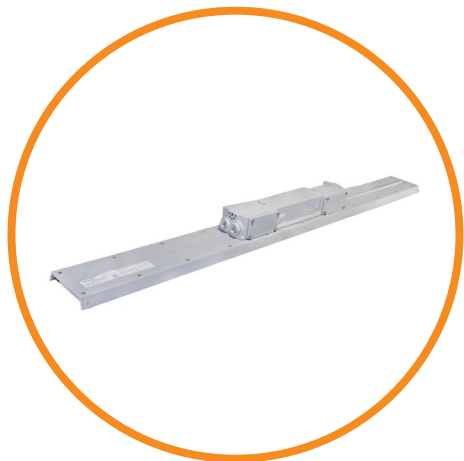


Vigilant® LED Linear

Low Profile - 10 year warranty

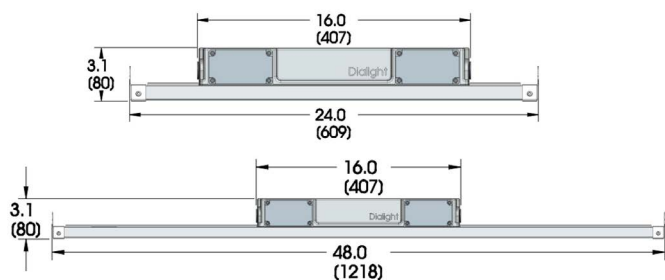


Certifications & Ratings

- UL 1598/A¹
- CSA C22.2 No. 250¹
- IP66/67
- NEMA 4X
- 2000 PSI hose-down rating²
- DLC Premium & Standard

¹ETL listed

²Internally tested



Dimensions in inches [mm]

Mechanical Information:

Fixture weight:	4' - 11 lb (5.0 kg) 2' - 8 lb (3.6 kg)
Shipping weight:	4' - 12 lb (5.4 kg) 2' - 9 lb (4.1 kg)
Mounting:	(4) 3/4" NPT openings Optional swivel bracket - LPXW4 Optional low profile bracket - LPXW4LP

Variable Dimming:

Variable dimming control:	0-10 VDC
Dimming range:	10 VDC = 100% light output 0 VDC = 5% light output

Electrical Specifications:

Operating voltage:	100-277 VAC, 50/60Hz 120-250 VDC
Power consumption:	See ordering information
Operating temp:	-40°F to +149°F (-40°C to +65°C)
EMC:	FCC Title 47, Subpart B, Section 15, Class A device. RF Immunity; 10V/m, 80MHz-1GHz
Surge protection:	EN 61000-4-5 6 kV line-to-line 6 kV line-to-ground
Harmonics:	IEC 61000-3-2 Class C ATHD<20%
Power factor:	> 0.9

Construction:

Finish:	Superior dual coat finish - Sealed polyester topcoat - Chemical resistant epoxy primer
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Lens:	Polycarbonate
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Photometric Information:

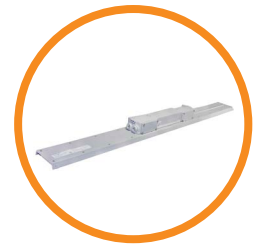
CRI:	80
CCT:	5000K (cool white) 4000K (neutral white)
IES files:	Available at www.dialight.com

All values typical unless otherwise stated (tolerance +/- 10%)

WARNING - INSTALLATION & SECONDARY RETENTION. Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

Ordering Information

Vigilant® LED Linear - Low Profile - 10 year warranty



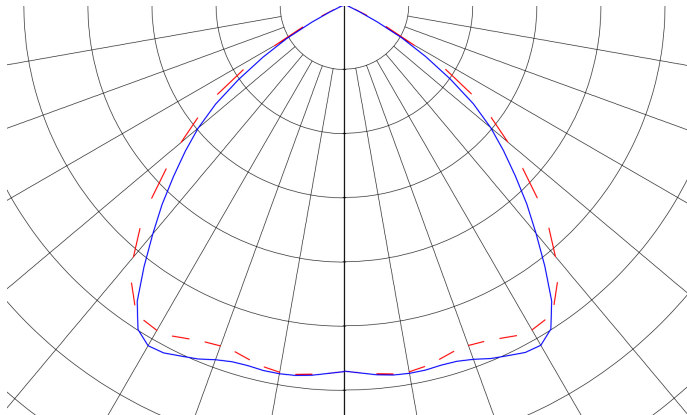
Part Number (x = CCT placeholder)	Length	CRI	Wattage	Fixture Lumens		lm/W		Voltage	Lens	Beam Distribution
				5000K	4000K	5000K	4000K			
LKU-4M(x)2-9DNN-NGN	4'	80	70	9,600	9,300	137	132	100-277 VAC / 120-250 VDC	Clear Polycarbonate	Medium
LKU-5M(x)2-9DNN-NGN	4'	80	70	8,800	8,500	125	121	100-277 VAC / 120-250 VDC	Diffused Polycarbonate	Medium
LKU-4W(x)2-9DNN-NGN	4'	80	70	9,600	9,300	137	132	100-277 VAC / 120-250 VDC	Clear Polycarbonate	Wide
LKU-4M(x)2-7DNN-NGN	4'	80	52	7,250	6,950	139	134	100-277 VAC / 120-250 VDC	Clear Polycarbonate	Medium
LKU-5M(x)2-7DNN-NGN	4'	80	52	6,550	6,250	126	120	100-277 VAC / 120-250 VDC	Diffused Polycarbonate	Medium
LKU-4W(x)2-7DNN-NGN	4'	80	52	7,250	6,950	139	134	100-277 VAC / 120-250 VDC	Clear Polycarbonate	Wide
LJU-4M(x)2-5DNN-NGN	2'	80	37	4,750	4,500	128	122	100-277 VAC / 120-250 VDC	Clear Polycarbonate	Medium
LJU-5M(x)2-5DNN-NGN	2'	80	37	4,450	4,200	120	114	100-277 VAC / 120-250 VDC	Diffused Polycarbonate	Medium
LJU-4W(x)2-5DNN-NGN	2'	80	37	4,750	4,500	128	122	100-277 VAC / 120-250 VDC	Clear Polycarbonate	Wide

All values typical unless otherwise stated (tolerance +/- 10%)
 CCT placeholders - C=5000K (cool white), N= 4000K (neutral white)
 For additional ordering options, please consult factory.

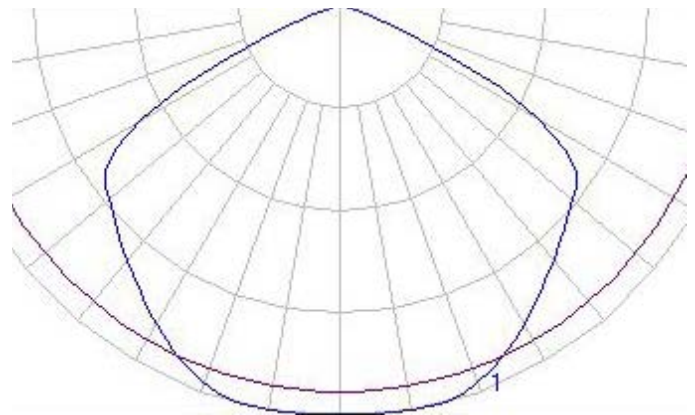
DISCLAIMER. All product information provided is, to the best of Dialight's knowledge, accurate as of the date of publication. When ordering, refer to www.dialight.com for current versions of: (a) relevant product documentation (including the relevant product data sheets); (b) Dialight terms and conditions of sale; and, (c) the relevant product warranty. To the extent that any contract is deemed formed between Dialight and the purchaser of Dialight products and/or an end-user, versions of documents available at www.dialight.com as at the date of sale shall be the versions incorporated therein. In the event of any discrepancy between this document or information provided at www.dialight.com, the latter shall prevail.

Beam Distribution

Medium



Wide



In Rush Currents

Lumen Family	Wattage	In rush current @ input voltage			Time duration of in rush current @ input voltage		
		120 VAC	230 VAC	277 VAC	120 VAC	230 VAC	277 VAC
9K+	71	8A	15A	18A	1ms	1ms	1ms
7K+	52	8A	15A	18A	1ms	1ms	1ms
4.5K+	38	8A	15A	18A	1ms	1ms	1ms
2.5K+	24	8A	15A	18A	1ms	1ms	1ms

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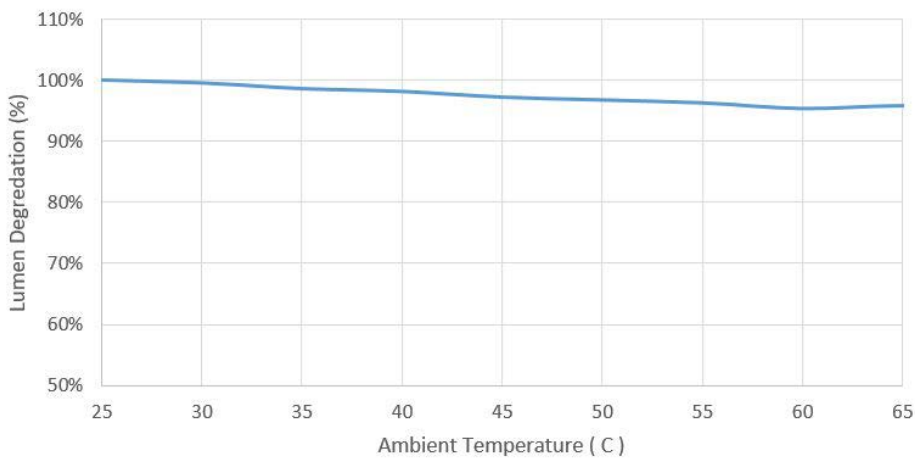
Lumen Maintenance Factor

Lumen Maintenance Factor									
Time (Hours)									
Ambient (°C)	0	15000	30000	45000	60000	75000	90000	100000	150000
25°	100	98	96	95	94	92	91	90	86
30°	100	97	96	95	93	92	91	90	86
35°	99	96	95	94	92	91	90	89	85
40°	98	96	95	93	92	91	89	89	84
45°	97	95	94	92	91	90	89	88	84
50°	97	94	93	92	91	89	88	87	83
55°	96	94	93	91	90	89	88	87	83
60°	95	93	92	91	89	88	87	86	82
65°	96	94	92	91	90	88	87	86	82

Measured LED temperature for an ambient temperature range of 25°C to 65°C and calculated lumen maintenance using TM-21 calculator and LED LM80 data.

Thermal Roll-Off

Thermal Roll-off 9000lm



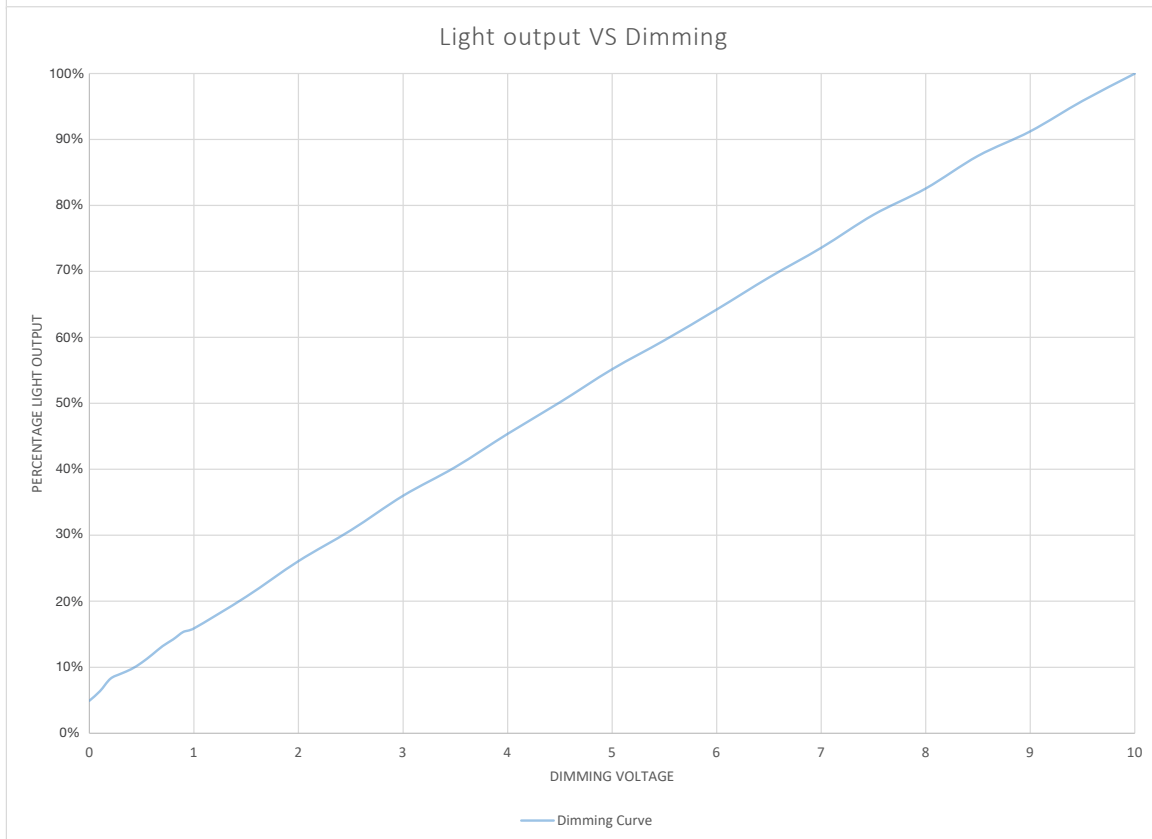
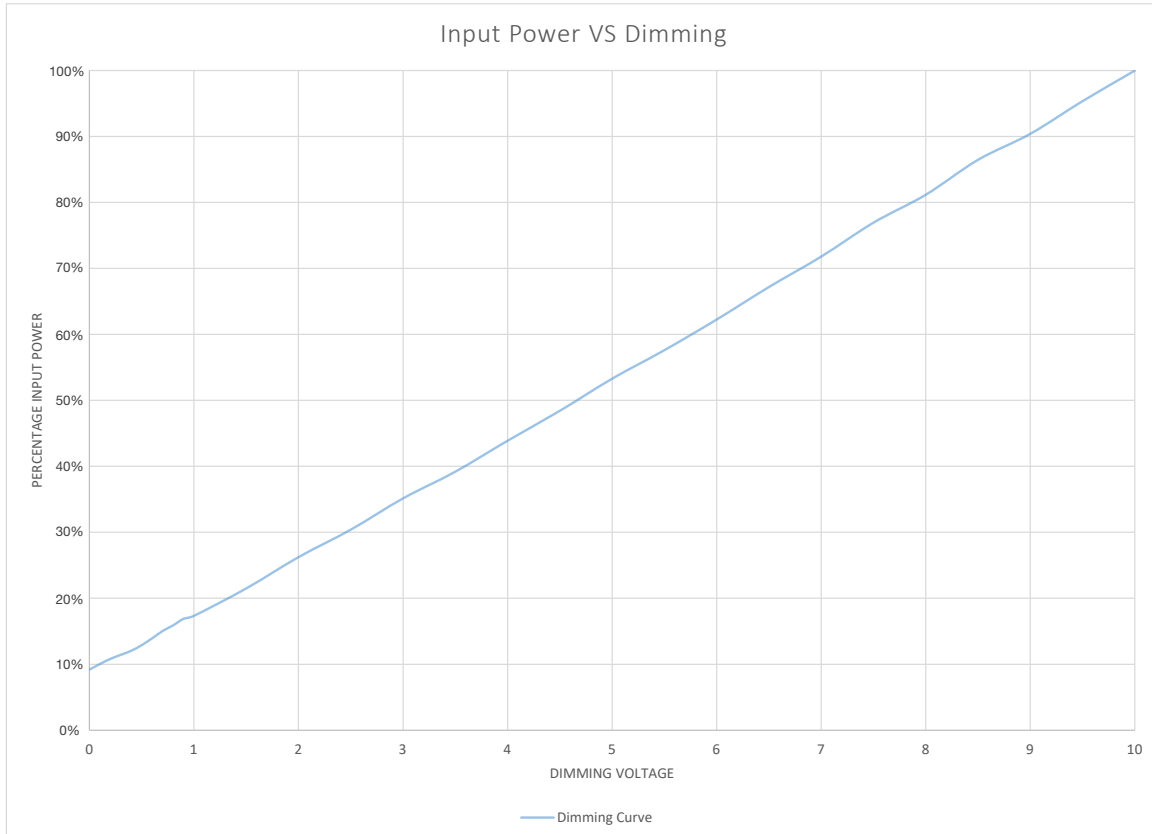
Ambient Temperature (°C)	Lumen Degradation
25°	100%
30°	100%
35°	99%
40°	98%
45°	97%
50°	97%
55°	96%
60°	95%
65°	96%

All values typical unless otherwise stated (tolerance +/- 10%)

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Dimming

Dimming Characterization 0-10V



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Mounting Accessories

Low Profile Models



LPXW4LP

- 316 Stainless steel low profile mounting bracket
- Can be angled at 0° and 15°



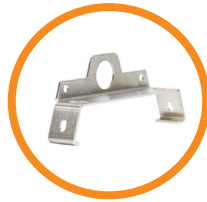
LPXW4

- 316 Stainless steel mounting bracket
- Can be angled at 0°, 30°, 45°, 60° & 90°



LTXSAFEKIT

- Safety cable kit for secondary retention



LTXENDCAPKIT

- 316 Stainless steel chain mount and secondary retention bracket

Top Conduit Models



LTXW4SS

- 316 Stainless steel mounting bracket
- Can be angled at 0°, 30°, 45°, 60° and 90°

LTXW4

- Powder coated aluminum mounting bracket
- Can be angled at 0°, 30°, 45°, 60° and 90°



LTXW4LPSS

- 316 Stainless steel mounting bracket
- Can be angled at 0° and 15°

LTXW4LP

- Powder coated aluminum mounting bracket
- Can be angled at 0° and 15°



LTXSAFEKIT

- Safety cable kit for secondary retention



LTXENDCAPKIT

- 316 Stainless steel chain mount and secondary retention bracket

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