

Indoor: Athens is a flexible tape light manufactured in Sheet-to-Sheet method using intelligent design and high-quality components. Osram LEDs and gold-plated solder pads guarantee uniform light levels even with longer run lengths up to 26'. Dimmable with all common dimming protocols. Discharge protection with CRI 90+.



Outdoor: This hydrophobic, plasma-enhanced and super-thin coating enhances the durability of this tape light without the problems that Silicone or Polyurethane coatings bear. Applied under vacuum condition in condensation method.

- Moisture resistance: water and many other organic substances have no effect on this coating
- No light loss: same lumen output as the IP00 tape
- No shift in color temperature: CCTs stay the same as with the IP00 tape
- No temperature increase: no heat build-up as in encapsulated products guarantees longer lifetime and quality stability.

Technical Information



Product	CCT	Output (lm/ft)	LEDs/ft	Consump. (watt/ft)	Efficacy (lm/watt)	CRI	Voltage	Max run length	Cut increment
L240	2700K	240	36	2.1	100	>90	24	26'	2"
	3000K	260	36	2.1	113	>90	24	26'	2"
	3500K	268	36	2.1	116	>90	24	26'	2"
	4000K	275	36	2.1	117	>90	24	26'	2"
L460	2700K	420	36	4.1	97	>90	24	16'	2"
	3000K	466	36	4.1	110	>90	24	16'	2"
	3500K	470	36	4.1	112	>90	24	16'	2"
	4000K	481	36	4.1	114	>90	24	16'	2"
L680	2700K	586	36	6.1	94	>90	24	13'	2"
	3000K	615	36	6.1	100	>90	24	13'	2"
	3500K	665	36	6.1	110	>90	24	13'	2"
	4000K	685	36	6.1	112	>90	24	13'	2"

Athens LED Tapelight Specifications



Tapelight Ordering Codes

Example: A-L240IP66CT27-4'

(Athens, ~240 lm/ft, Outdoor, 2700K, 4 ft)

PRODUCT LINE	+	OUTPUT	+	IP RATING	+	COLOR TEMP	+	RUN LENGTH
A Athens		L240 ~ 240 lm/ft L460 ~ 460 lm/ft L680 ~ 680 lm/ft		IP00 Indoor IP66 Outdoor		CT27 2700k CT30 3000k CT35 3500k CT40 4000k		Enter run length

Connectors

CON-T1



Tapelight connector

CON2-JC



Jumper Cable + 2" cable

CON20-JC



Jumper Cable + 20" cable

CON20-PF



Power feed for white tapelight + 20" cable

CON4X4-JC



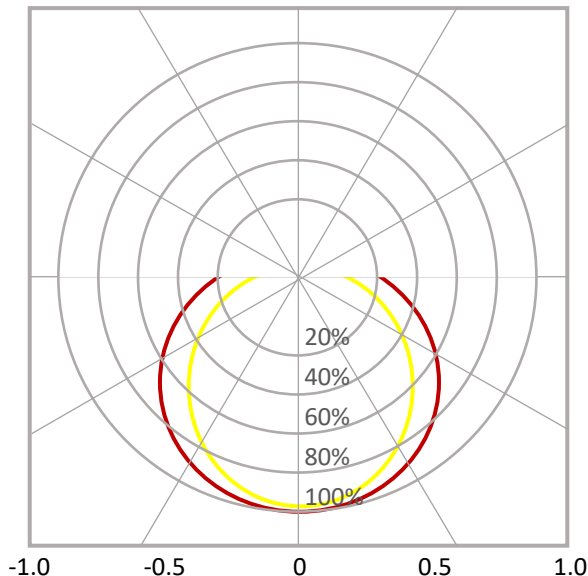
Jumper cable 4" x 4"

CON8X8-JC



Jumper cable 8" x 8"

Photometric



Athens LED Tapelight Specifications



Power Supply Ordering Codes

Example: DTR60IP67
Dimming, 60 Watt, IP67

1. MODEL		+	2. POWER		+	3. IP RATING		INPUT	OUTPUT	DIMENSION								
NTR	Non-Dimming	50	50 Watt	IP00	Indoor	88-264V	24V	3.90 X 3.82 X 1.42	24V	5.08 X 3.82 X 1.50								
		75	75 Watt								6.26 X 3.82 X 1.50							
		100	100 Watt									7.84 X 3.85 X 1.50						
		150	150 Watt															
		12	12 Watt	IP42	Indoor	90-264V	24V	3.03 X 1.57 X 1.14	24V	3.03 X 1.57 X 1.14								
		16	16 Watt								3.31 X 2.24 X 1.16							
		25	25 Watt									3.31 X 2.24 X 1.16						
		35	35 Watt															
		20	20 Watt	IP67	Outdoor	90-264V	24V	4.65 X 1.38 X 1.02	24V	5.83 X 1.57 X 1.26								
		35	35 Watt								5.83 X 1.57 X 1.26							
		60	60 Watt									6.40 X 1.70 X 1.26						
		100	100 Watt										6.40 X 1.70 X 1.26					
	DTR	Dimming (0-10V)	16	16 Watt	IP67	Outdoor	90-305V	24V	5.83 X 1.57 X 1.26	24V				5.83 X 1.57 X 1.26				
25			25 Watt	6.40 X 1.70 X 1.26														
40			40 Watt								6.40 X 1.70 X 1.26							
60			60 Watt									6.34 X 2.40 X 1.42						
90			90 Watt										6.34 X 2.40 X 1.42					
100			100 Watt												8.66 X 2.68 X 1.53			
120			120 Watt													8.66 X 2.68 X 1.53		
150			150 Watt														8.97 X 2.68 X 1.58	
185			185 Watt															8.97 X 2.68 X 1.58
240			240 Watt															
320	320 Watt	9.88 X 2.68 X 1.58																
600	600 Watt		9.92 X 3.54 X 1.72															
FPD	Dimming (Forward Phase)			20	20 Watt	IP67	Outdoor	120V	24V	4.92 X 1.97 X 0.77	24V			4.92 X 1.97 X 0.77				
				40	40 Watt							4.92 X 1.97 X 0.77						
				60	60 Watt								4.92 X 1.97 X 0.77					
				75	75 Watt										4.92 X 1.97 X 0.77			
				96	96 Watt											4.92 X 1.97 X 0.77		

Athens – Pixilation Chart



Extrusion + Lens	L240	L460	L680	
AA01	AA99-SL (satined lens)	✘	○	✓
AA02	AA99-SL (satined lens)	✘	N/A	N/A
AA03IN	AA99-SL (satined lens)	○	✓	✓
AA03IN	AA99-SL90 (90° satined lens)	✓	✓	✓
AA03OUT	AA99-SL (satined lens)	○	✓	✓
AA03OUT	AA99-SL90 (90° satined lens)	✓	✓	✓
AA07	AA99-SL (satined lens)	○	✓	✓
AG01	AG01-SL (satined lens)	✓	✓	✓
AL02	AL02-SL (satined lens)	○	✓	N/A
CT01	CT99-DL (drop lens)	✓	N/A	N/A
CT02	CT99-DL (drop lens)	✓	N/A	N/A
CT06	CT99-DL (drop lens)	✓	✓	✓
JA01	JA01-SL (satined lens)	✘	○	✓
JB01	JB01-SLS (satined lens)	✓	✓	✓
JC01	JC01-SLS (satined lens)	✓	✓	✓
JD01	JD01-SLS (satined lens)	✓	✓	✓
JF04	JF04-SL (satined lens)	✘	○	N/A
JF04	JF04-SL90 (90° satined lens)	✓	✓	N/A
JG04	JG04-SL (satined lens)	✓	✓	✓
JG04	JG04-SL90 (90° satined lens)	✓	✓	✓
LA01	LA01-SL (satined lens)	✘	✘	✘
LB03IN	LB03-SL (satined lens)	✓	✓	N/A
LB03OUT	LB03-SL (satined lens)	✓	✓	N/A
LC07	LC07-SL (satined lens)	✘	✘	✘
PH01	PH99 (PMMA lens)	✓	✓	✓
PH02	PH99 (PMMA lens)	✓	✓	✓
PH03	PH99 (PMMA lens)	✓	✓	✓
UT01	UT01-SL (satined lens)	✓	✓	✓
VT01	VT01-SL (satined lens)	✓	✓	N/A
VT02	VT02-SL (satined lens)	✓	✓	N/A
VT03	VT03-SL (satined lens)	✓	✓	✓
VT04	VT04-SL (satined lens)	✓	✓	✓
XT01	XT99-DL (drop lens)	✓	✓	✓
XT01	XT99-SLS (satined lens)	✓	✓	✓
XT02	XT99-DL (drop lens)	✓	✓	✓
XT02	XT99-SLS (satined lens)	✓	✓	✓
YT01	YT99-SL (satined lens)	✘	✘	N/A
YT01	YT99-DL (drop lens)	✓	✓	N/A
YT02	YT99-SL (satined lens)	✘	✘	N/A
YT02	YT99-DL (drop lens)	✓	✓	N/A
YT04	YT99-SL (satined lens)	✘	✘	N/A
YT04	YT99-DL (drop lens)	✓	✓	N/A
YT05	YT99-SL (satined lens)	✓	✓	✓
YT05	YT99-DL (drop lens)	✓	✓	✓
YT06	YT99-SL (satined lens)	✘	○	✓
YT06	YT99-DL (drop lens)	✓	✓	✓
YT07	YT99-SL (satined lens)	✘	○	N/A
YT07	YT99-DL (drop lens)	✓	✓	N/A
WT02	WT02-SL (satined lens)	✓	✓	✓

Legend:





- ✓ No pixilation
- Minor pixilation
- ✘ Has pixilation
- N/A Not Applicable

Code	Cross Section	L240	L460	L680
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Legend:

- ✓ Compatible
- ✗ Not compatible






Recessed

CT01		✓	✗	✗
LA01		✓	✓	✓
XT01		✓	✓	✓
YT01		✓	✓	✗







Recessed Flangeless

AA01		✓	✓	✓
AG01		✓	✓	✓
JA01		✓	✓	✓
JB01		✓	✓	✓
JC01		✓	✓	✓
JD01		✓	✓	✓
LB03IN		✓	✓	✗
LB03OUT		✓	✓	✗

Surface Mount

AA02		✓	✗	✗
CT02		✓	✗	✗
LC07		✓	✓	✓
YT02		✓	✓	✗
YT06		✓	✓	✓

Surface Mount / Pendant

AL02		✓	✓	✗
VT01		✓	✓	✗
VT02		✓	✓	✗
VT03		✓	✓	✓
VT04		✓	✓	✓
XT02		✓	✓	✓

Pendant

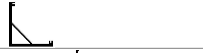


YT07		✓	✓	✗
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Code	Cross Section	L240	L460	L680
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Legend:

- ✓ Compatible
- ✗ Not compatible

90° / Corner

JF04		✓	✓	✗
JG04		✓	✓	✓
YT04		✓	✓	✗

Closet Rod

CT06		✓	✓	✓
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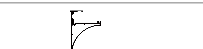
Flexible

YT09		✓	✓	✗
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Perimeter

YT05		✓	✓	✓
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Shelf Holder / Edge Lit

AK06		✓	✓	✓
AM06		✓	✓	✗




Under-Tile

AA03IN		✓	✓	✓
AA03OUT		✓	✓	✓
AA07		✓	✓	✓

Walk-Over

UT01		✓	✓	✓
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Outdoor Walk-Over

PH01		✓	✓	✓
PH02		✓	✓	✓
PH03		✓	✓	✓

Outdoor Surface Mount

PH02		✓	✓	✓
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Florence LED Tapelight – Customization



CUSTOMIZATION	T20-CUST	TL20-CUST	E20-CUST	E20IP68-CUST
Cutting one run of tapelight to specified length	✓	✓		
Cutting one extrusion, one diffuser, and one tapelight to specified length			✓	
Cutting one extrusion, one diffuser, and one tapelight				✓
Installing the tapelight into the extrusion			✓	✓
Adding strain relief and power feed				✓
Adding strain relief and power feed with heat sink tube			✓	
Mounting end caps			✓	
Mounting and sealing end caps				✓
Solder 4 ft lead wire		✓	✓	✓
Filling extrusion with clear material that makes it 2 ft submersible				✓
Final function and quality inspection		✓	✓	✓