NEWLAVIE LIGHTING

LED STREET LIGHT
MODEL : T19A

APPLICATIONS

· Roadway lighting
(Residential areas, overpasses, alleys…)
· Public areas lighting
(Theme parks, squares, parking lots…)

SPECIFICATION

Electrical Protection:	Class II
Input Voltage:	100 ~ 277Vac
Input Frequency:	50 / 60Hz
Power Factor(PF):	0.95
Surge Protection Level:	10kV line-line
Operating Environment:	-40℃~+50℃, 10% ~ 90% RH
Color Temperature (CCT)*:	3000K, 4000K, 5000K, 5700K
Color Rendering Index (CRI):	≥70
Housing:	Die-cast Aluminium
IP Rating of LED Light Engine:	IP68
IP Rating of luminaries:	IP66
Impact protection Level:	IK08
Warranty	5 Years Limited

FINISHING COLORS

	Gray		Black
	White		Blue

FEATURES

Construction

· Die-cast aluminum housing.
· Latches provide easy, tool-less access to the electrical compartment.
· Unique patented IP68 LED light engines.
· Whole structure heating dissipation design with best thermal conduction and radiation.
· IP66 rated electrical compartment.

Distribution

· Ergonomic and dedicated lighting distributions are available for various roadway applications.

Control

· Optional NEMA receptacle & photocell/shorting cap.

PHOTOS

PHONE: + 1 408 641 1848
EMAIL: info@newlavie.com

NEWLAVIE
177 Park Ave, #200, San Jose CA 95113

www.newlavie.com

ORDERING INFORMATION

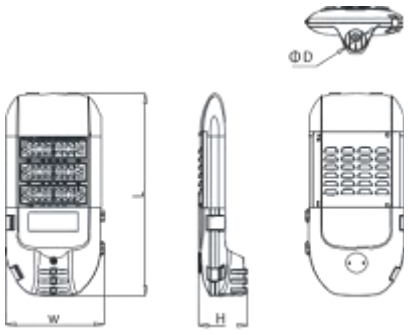
Example: T19A-2-100-M16B-VBA-18-2105-7040-CM-MO-GY

Luminary Type		Module Qty.		System Power		Module Type		Module Interface Type	LED Package		Cable Standard		LED Qty. per module		
T	Street light	**1**	1 modules	**40**	40W	**M16B**	M16B module		**V**	**A**	3535	**A C H X**	CCC+VDE	**18**	18pcs	
19A	11A series	**2**	2 modules	**50**	50W	**M1A**	M1A module		V-shaped groove	**B**	5050		PSE	**28**	28pcs	
						M8B	M8B module			**C**	3030		UL	**63**	63pcs	
		7	7 modules	**420**	420W								OTHER			

Lens Code						CRI &CCT		Brand of LEDs		Driver Brand		Housing Colors	
1107	Type I Short	**3501**	Type I Short	**5323**	Type I Short	**7030**	Ra≥70, 3000K	**LU**	LUMILEDS	**IN**	INVENTRONICS	**BK**	Black
2105	Type II Short	**3100**	Type I Short	**1324**	Type II Short	**7040**	Ra≥70, 4000K	**LN**	LUMINUS	**MO**	MOSO	**WH**	White
2128	Type II Short	**1312**	Type II Short	**2201**	Type II Short	**7050**	Ra≥70, 5000K	**CM**	CUSTOMIZATION	**XX**	OTHER	**BU**	Blue
2111	Type II Medium	**3702**	Type II Medium	**2321**	Type II Short	**7057**	Ra≥70, 5700K	**XX**	OTHER			**GY**	Gray
3106	Type II Short	**3910**	Type IIIMedium	**5321**	Type II Short								
1113	Type III Short	**5703**	Type IV Medium	**1321**	Type III Medium								
2109	Type III Medium	**3040**	Type V Square										
2127	Type III Medium												
2040	Type V												
2114	Type V												
M16B, 5050 LEDs		**M1A, 3535 LEDs**		**M8B, 3030 LEDs**									

DIMENSIONS

Model	L (mm)	W (mm)	H (mm)	Available Pole O.D. (mm)	N.W.* (kg)
T19A-1	575	345	175	62~68	6.2
T19A-2	625	345	175	62~68	7.3
T19A-3	705	345	175	62~68	8.5
T19A-4	785	345	175	62~68	9.7
T19A-5	865	345	175	62~68	11.3
T19A-6	945	345	175	62~68	12.8
T19A-7	1025	345	175	62~68	14.4



* Values shown are subject to ±5% tolerance.

PHONE: + 1 408 641 1848
EMAIL: info@newlavie.com

NEWLAVIE
177 Park Ave, #200, San Jose CA 95113

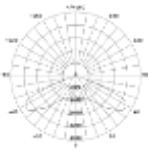
www.newlavie.com

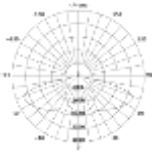
PERFORMANCE

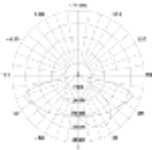
Model	Power (W)	5050 LEDs – 28pcs		5050 LEDs – 18pcs		3535 LEDs – 18pcs		3030 LEDs - 63pcs	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
T19A-1	40	168	6,720	152	6,080	130	5,200	135	5,400
	50	163	8,150	145	7,250	122	6,100	130	6,500
	60	155	9,300	133	7,980	117	7,020	122	7,320
T19A-2	80	175	14,000	160	12,800	137	10,960	140	11,200
	100	170	17,000	150	15,000	130	13,000	135	13,500
	120	163	19,560	140	16,800	122	14,640	127	15,240
T19A-3	120	175	21,000	160	19,200	137	16,440	140	16,800
	150	170	25,500	150	22,500	130	19,500	135	20,250
	180	163	29,340	140	25,200	122	21,960	127	22,860
T19A-4	160	175	28,000	160	25,600	137	21,920	140	22,400
	200	170	34,000	150	30,000	130	26,000	135	27,000
	240	163	39,120	140	33,600	122	29,280	127	30,480
T19A-5	200	175	35,000	160	32,000	137	27,400	140	28,000
	250	170	42,500	150	37,500	130	32,500	135	33,750
	300	163	48,900	140	42,000	122	36,600	127	38,100
T19A-6	240	175	42,000	160	38,400	137	32,880	140	33,600
	300	170	51,000	150	45,000	130	39,000	135	40,500
	360	163	58,680	140	50,400	122	43,920	127	45,720
T19A-7	280	175	49,000	160	44,800	137	38,360	140	39,200
	350	170	59,500	150	52,500	130	45,500	135	47,250
	420	163	68,460	140	58,800	122	51,240	127	53,340

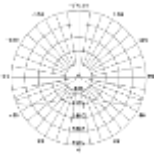
*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.
*Values shown are subject to ±5%~±8% tolerance.

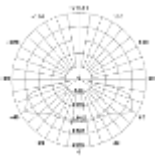
DISTRIBUTIONS

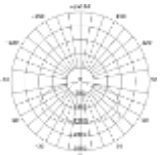

T1S1107

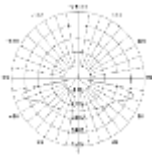

T2S2105

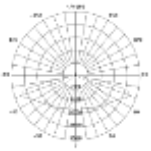

T2S2128

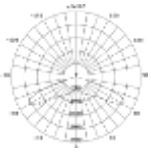

T2M2111

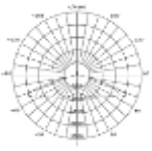

T2S3106

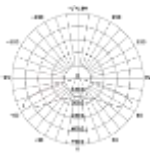

T3S1113

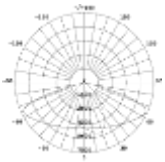

T3M2109

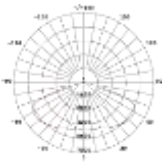

T3M2127

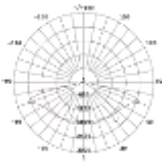

T5S2040

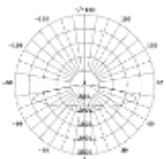

T5S2114

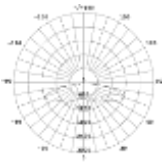

T1S3501

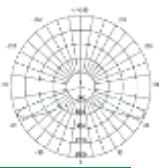

T1S3100

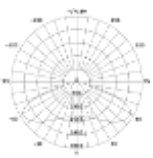

T2S1312

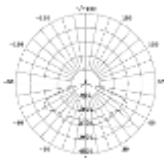

T2M3702

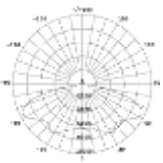

T3M3910

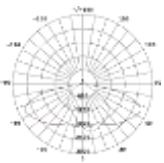

T4M5703

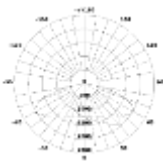


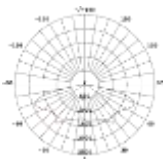

T1S5323


T2S1324


T2S2201


T2S2321


T2S5321


T3M1321

PHONE: + 1 408 641 1848
EMAIL: info@newlavie.com

NEWLAVIE
177 Park Ave, #200, San Jose CA 95113

www.newlavie.com

INSTALLATION AND MAINTENANCE

INSTALLATION

1. Undo the two buckles on the side to open the cover of electrical compartment.

2. Thread the AC input cable through the hole in the installing tube. Connect the L, N, G wires to right positions on terminal block.

3. Close the cover and lock up the buckles.

4. Insert pole arm into the installation tube, put the fixture straight, and tighten up the three screws on the tube.

MAINTENANCE

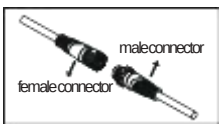
1. Undo the two hand screws to open the cover for light source compartment .

2. Undo the screws on both end of the module, and disconnect the module at cable.

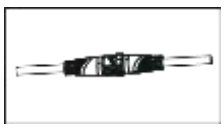
3. Take out the failed module and install a new one. Tighten up the screws and the cable connector.

4. Close the cover and tighten up the hand screws.

CABLE CONNECTORS

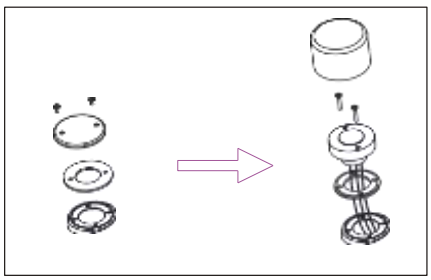


1. Connect the male and female connectors by aligning the indicative arrow on them.



2. Hold the nut on one terminal still, meanwhile, rotating clockwise till the one on the other terminals is tightened up.Otherwise thewaterproof performance might be affected.

INSTALLATION OF NEMA RECEPTACLE AND PHOTOCELL



1.Undo the two screws to remove the round cover and its white sealing washer. 2.Thread the wires of the receptacle through the black sealing washer into the electrical compartment of luminaire. Keep the screw holes in alignment among the receptacle, sealing ring and luminaire, and fixate the receptacle with two M4x25 cross recessed countersunk head screws.

3.Plug in and fasten the photocell. Connect the wires in the electrical compartment.

PHONE: + 1 408 641 1848
EMAIL: info@newlavie.com

NEWLAVIE
177 Park Ave, #200, San Jose CA 95113

www.newlavie.com

WIRING

Power Supply End	Earth wire	Neutral wire	Live wire
Fixture End	Yellow-green lead	Blue lead	Brown lead
	Green lead	White lead	Black lead

CAUTION

a Disconnect or turn off power before installation, maintenance and wiring.

b Cable connection must be insulated and waterproof.

c For luminaires with glass cover: the cover is made of tempered glass which shatters into small pieces without sharp edges when it breaks. Application condition: -30°C~100°C; maximum temperature rise Δt60°C.

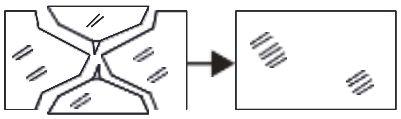
d The light source of this luminaire is not replaceable. When the light source's lifetime comes to an end, it is the whole luminaire that should be replaced.

Warning: Danger! Electric shock risk!

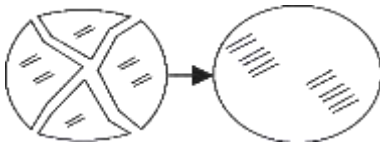
(via IEC 60417-6042（2011-11）)

For luminaires with glass cover: The broken cover should be replaced.

Rectangle



Round



The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling

REMARKS

1. This luminaire uses permanent connection on power supply with flexible cable and wires (60245 IEC57). Sufficient length of cable is reserved for connection to AC power. Protection over the connection joint andelimination of tensile force there should be ensured.ufficient.
2. This luminaire uses type Y attachment: method of attachment of the cable or cord such that any replacement can only be made by the manufacturer, his service agent or similarly qualified person.
3. Wiring: the connection to AC power should be operated on terminal blocks in a wiring box with a degree of protection at least equivalent to the luminaire, and there should be devices to fixate wires.
4. The luminaire can be mounted onto ordinary combustible surfaces.

PHONE: + 1 408 641 1848
EMAIL: info@newlavie.com

NEWLAVIE
177 Park Ave, #200, San Jose CA 95113

www.newlavie.com