

# STRADALE



## PRODUCT BENEFITS

- 70% energy saving, short ROI period
- Up to 100,000hrs @ L70, low maintenance cost
- World class, approbated quality components (LEDs /Driver /etc.)
- Support horizontal and vertical mounted, suitable for different light poles
- Tool-less opening of driver box, ease of maintenance
- 5 years warranty

## AREAS OF APPLICATION

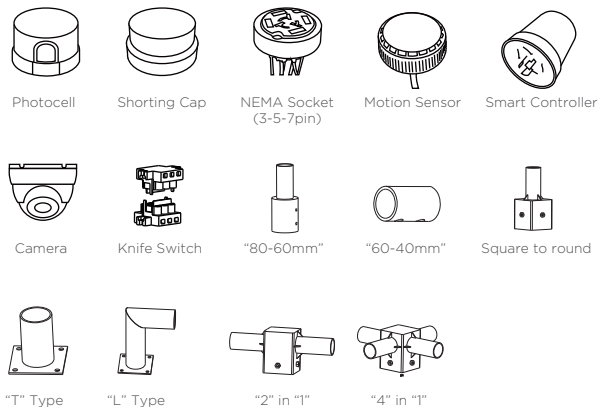
- Local roads
- Express roads
- Town roads
- Residential area roads
- Pedestrian crossings
- Parking areas



## PRODUCT FEATURES

- Luminaire efficacy: Up to 170Lm/W
- Lifetime more than 100,000 hours
- Impact resistance: IK10
- Type of protection: IP66

## OPTIONAL ACCESSORIES



# TECHNICAL DATA

## Electrical Data

Nominal Voltage	AC 100-240V /277V   50 /60Hz
LED	Philips Lumileds
Driver	Inventronics /Other brands on request
Power Factor (PF)	>0.95
THD	<15
SPD	10 KV (Default) / 20KV (available on request)
Optics	Type II, Type III
Standard Deviation of Color Matching	<5 SDCM
CRI	Ra>70 (Default) / Ra>80
CCT	3000K, 4000K, 5000K, 5700K

## General Data

Body Material	High pressure die-cast aluminum
Housing Color	Gray (Default) /Black (available on request)
Cover Material	Tempered glass
Lens Material	UV-resistant Polycarbonate
Working Environment	-40°C ~ +50°C, 10% ~ 90%RH
Lifespan L70 at 25 °C	>100, 000 h
Mounting Type	Side entry or Vertical pole mounted
Dimmable	1-10V Dimming (Default) /Timer Dimming
Protection Class	Class I (Default) /Class II
Certificates	CE, RoHS , ENEC, CB, LM79, LM80, TM-21, IP66, IK10
Available on request	NEMA socket (3/5/7pins), ZHAGA socket, Short cap, Photocell, Motion sensor, Knife switch, NTC, OLC, Solar Compatible, DALI Dimm

# TECHNICAL DATA

## Luminaire Output Data

### Version S

Nominal Wattage		20W	20W	40W	40W	60W	80W
3030 Version	Efficiency Lumen	155 Lm/w 3100 Lm	165 Lm/w 3300 Lm	150 Lm/w 6000 Lm	160 Lm/w 6400 Lm	150 Lm/w 9000 Lm	140 Lm/w 11200 Lm
5050 Version	Efficiency Lumen	160 Lm/w 3200 Lm	170 Lm/w 3400 Lm	160 Lm/w 6400 Lm	165 Lm/w 6600 Lm	160 Lm/w 9600 Lm	155 Lm/w 12400 Lm

### Version M

Nominal Wattage		80W	80W	100W	120W	150W
3030 Version	Efficiency Lumen	150 Lm/w 12000 Lm	160 Lm/w 12800 Lm	155 Lm/w 15500 Lm	155 Lm/w 18600 Lm	145 Lm/w 21750 Lm
5050 Version	Efficiency Lumen	160 Lm/w 12800 Lm	170 Lm/w 13600 Lm	165 Lm/w 16500 Lm	160 Lm/w 19200 Lm	155 Lm/w 23250 Lm

### Version L

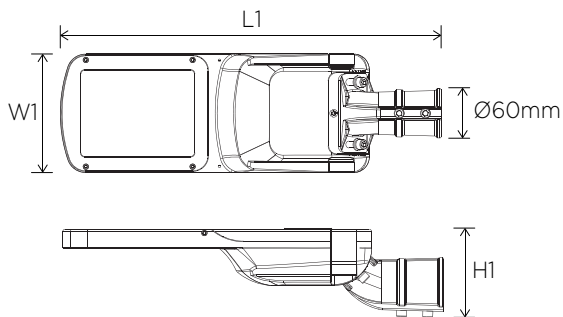
Nominal Wattage		150W	150W	180W	200W	240W
3030 Version	Efficiency Lumen	150 Lm/w 22500 Lm	160 Lm/w 24000 Lm	150 Lm/w 27000 Lm	150 Lm/w 30000 Lm	150 Lm/w 36000 Lm
5050 Version	Efficiency Lumen	155 Lm/w 23250 Lm	165 Lm/w 24750 Lm	160 Lm/w 28800 Lm	160 Lm/w 32000 Lm	160 Lm/w 38400 Lm

\*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% tolerance.

## Structure Drawing

### Dimension



### Fixture Information

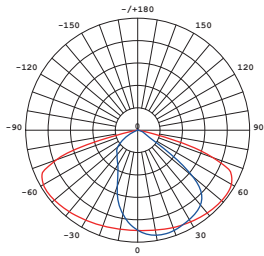
Version	L1 x W1 x H1	Weight
S	610 x 190 x 143mm	4.7kg
M	660 x 240 x 143mm	5.8kg
L	762 x 290 x 143mm	8.1kg



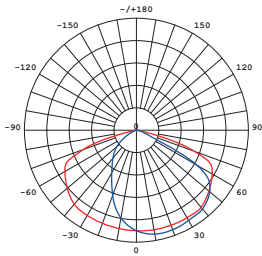
# TECHNICAL DATA

## Light Distributions

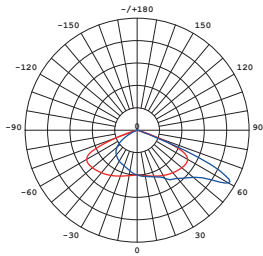
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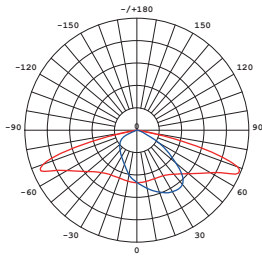
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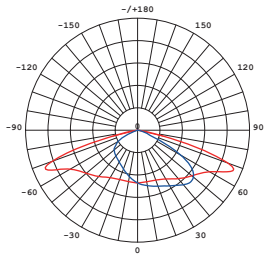
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T3553003

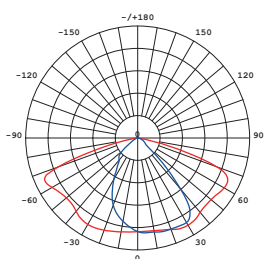


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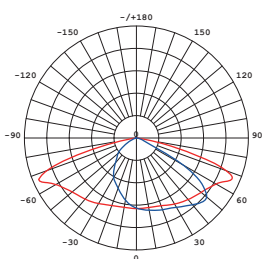


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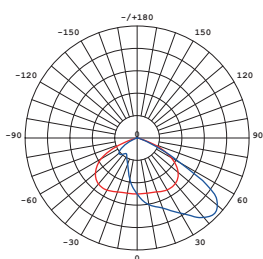
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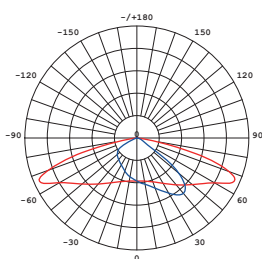
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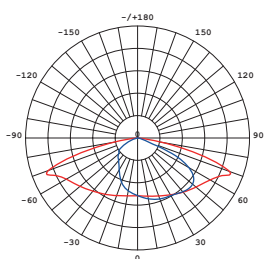
T3M55005



T3555006



T2M55008



T3M55010