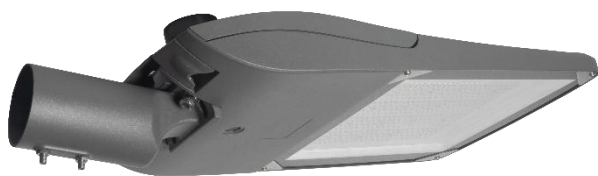


### ALDOW

## CCT3 LED MULTIWATTAGE STREET LIGHT

20/30/40W, 30/45/60W, 50/75/100W,  
75/112/150W, IP66



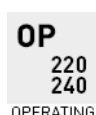
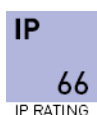
## PRODUCT INFORMATION DOCUMENT

### FEATURES

- Unique multi-wattage, multi-CCT design allows selection between three power and three colour temperature settings to suit requirements of any application
- Slim and lightweight design ideal for use as area light in private car parks, park alleys, internal driveways
- High efficiency LED replacement for traditional metal halide and SON luminaires offering over 50% energy saving
- Suitable to use on up to 76mm spigots
- High quality powder coating finish passing 1000hr salt spray test allows use in coastal areas
- Equipped with Type II Short lens with 160x90° beam angle
- Equipped with 10kV surge protection
- Each luminaire can be equipped with photocell (RAWPC) sold as an accessory

### CONSTRUCTION

- Die cast aluminium housing and tempered glass diffuser
- Complete with stainless steel screws



Product Code:	RAW40-25	RAW60-25	RAW100-25	RAW150-25
Comparable to:	60-120W SON	90-180W SON	150-300W SON	150-450W SON
Total Power (W):	20.7/29.9/38.9	30.7/44.1/57.4	47.1/67.9/93.6	68.5/100.2/140.4
Power Factor:	0.9	0.9	0.9	0.9
Total Light Output (lm):	3680/5300/6840	5620/7940/10160	8780/12640/17020	13090/18930/25870
Total Emergency Light Output (lm):	NA	NA	NA	NA
Efficacy (lm/cctW):	178/178/175	183/180/177	187/186/182	191/189/184
Lux at 1m (lux):	930/1330/1710	1430/2010/2570	2200/3170/4270	3480/5030/6860
Emergency Lux at 1m (lux):	NA	NA	NA	NA
CCT (K):	3000/4000/5000	3000/4000/5000	3000/4000/5000	3000/4000/5000
CRI:	70	70	70	70
IP:	66	66	66	66
IK:	09	09	09	09
Operation Temperature (°C):	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40	-20 ≤ Ta ≤ +40
Inrush Current:	69.9A/8us	63A/8us	68.8A/12.7us	59A/5us
RG Value:	0	0	0	0
SDCM:	6	6	6	6
Energy Class:	B	B	B	B
Rated Life to L70B50 (Hrs):	197000	197000	197000	197000
Rated Life to L80B10 (Hrs):	102000	102000	102000	102000
Rated Life to L90B10 (Hrs):	58000	58000	58000	58000
Dimensions LxWxH (mm):	560x289x113	560x289x113	694x343x136	694x343x136
Weight (kg):	5.35	5.4	8.0	8.1

Separate Control Gear Information				
Type of Light Source:	LED	LED	LED	LED
Full Load Efficiency (%):	88	89	93	92
P <sub>NET</sub> (W):	NA	NA	NA	NA
Dimensions (mm):	120x65x34	119x65x34	153x68x37	176x68x37

Product is certified to all the relevant standards.

Please contact our technical department for market specific compliances.

**PLEASE NOTE:** INFORMATION IN THIS DOCUMENT MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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### ALDOW

### CCT3 LED MULTIWATTAGE STREET LIGHT

20/30/40W, 30/45/60W, 50/75/100W,  
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Cone Illuminance Diagram

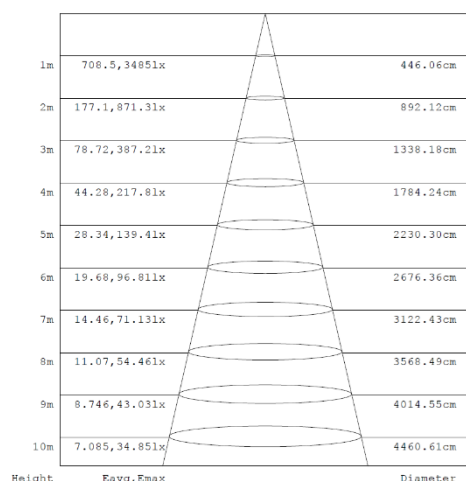
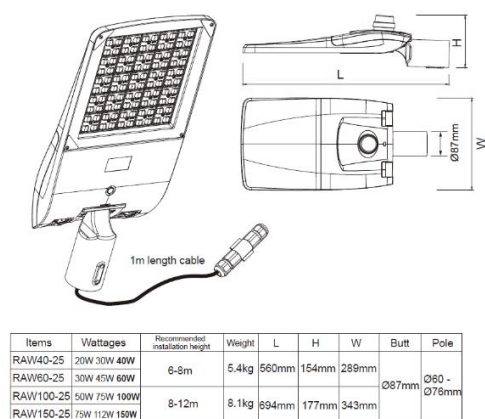


Diagram for RAW150-25 in 150W 4000K. Other diagrams available on request

Dimension Diagram



Polar Intensity Diagram

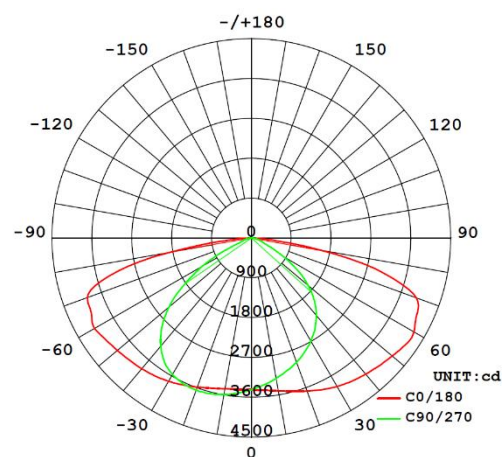


Diagram for RAW150-25 in 150W 4000K. Other diagrams available on request

Accessories

RAWPC  
RAW60S

ALDOW Photocell Light Sensor  
ALDOW 60mm Spigot Accessory

