



SALVATION POST LIGHT

OUTDOOR PRODUCTS

Post light



The SALVATION POST LIGHT is ideal for both security and to enhance your space decoratively whether the application be a garden, parking lot, walkway or even a park. Designed to resemble classic-looking high output metal halide lights, the Salvation Post Light is designed for outdoor use as an efficient solution to your outdoor project needs. It provides direct downlight to comply with new industry standards and regulations.

Project: _____

Qty: _____

Notes: _____

OPERATING & ELECTRICAL

Input voltage 100-277Vac

Power factor >0.95

Total harmonic distortion (THD) <20%

Dimming No dimming

PERFORMANCE

LED Chip LPW 135 LPW at 70 CRI

FIXTURE LPW Avg 88 LPW at 70CRI

Power 40,60, 80, 100W

Distribution Type 5

MECHANICAL & HOUSING

Housing Robust die-cast aluminum housing for superior heat dissipation, strength, and rigidity. Stainless steel snap in fasteners.

Lens Tempered glass ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.

Power Supply Factory wired electronic LED driver

Finish Grey, Black
LED Board COB

APPLICATION CONDITION

Ambient temperature range -40 to 50°C

Protection IP65, IK09

COMPATIBLE MOUNTING

Mounting 60mm (with adapter)/ 90mm

pole mounted options

WARRANTY

System warranty 5 years

Lumen maintenance Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L70 at 50,000 hours)

ORDERING GUIDE

EXAMPLE: AE-FL-GL35-02-40W-30K-GR

AE-FL-GL35	-02-30W	-30K	-GR
FIXTURE FAMILY	DESCRIPTION	CCT	FINISH
AE-FL-GL35 Outdoor products Salvation Post Light Fixture	-02-40W 40 watts: 3600 lumens	-30K 3000K CCT	-GR Grey powder coat finish
	-02-60W 60 watts: 5280 lumens	-40K 4000K CCT	
	-02-80W 80 watts: 7040 lumens	-50K 5000K CCT	-BK Matte Black powder coat finish
	-02-100W 100 watts: 8800 lumens		

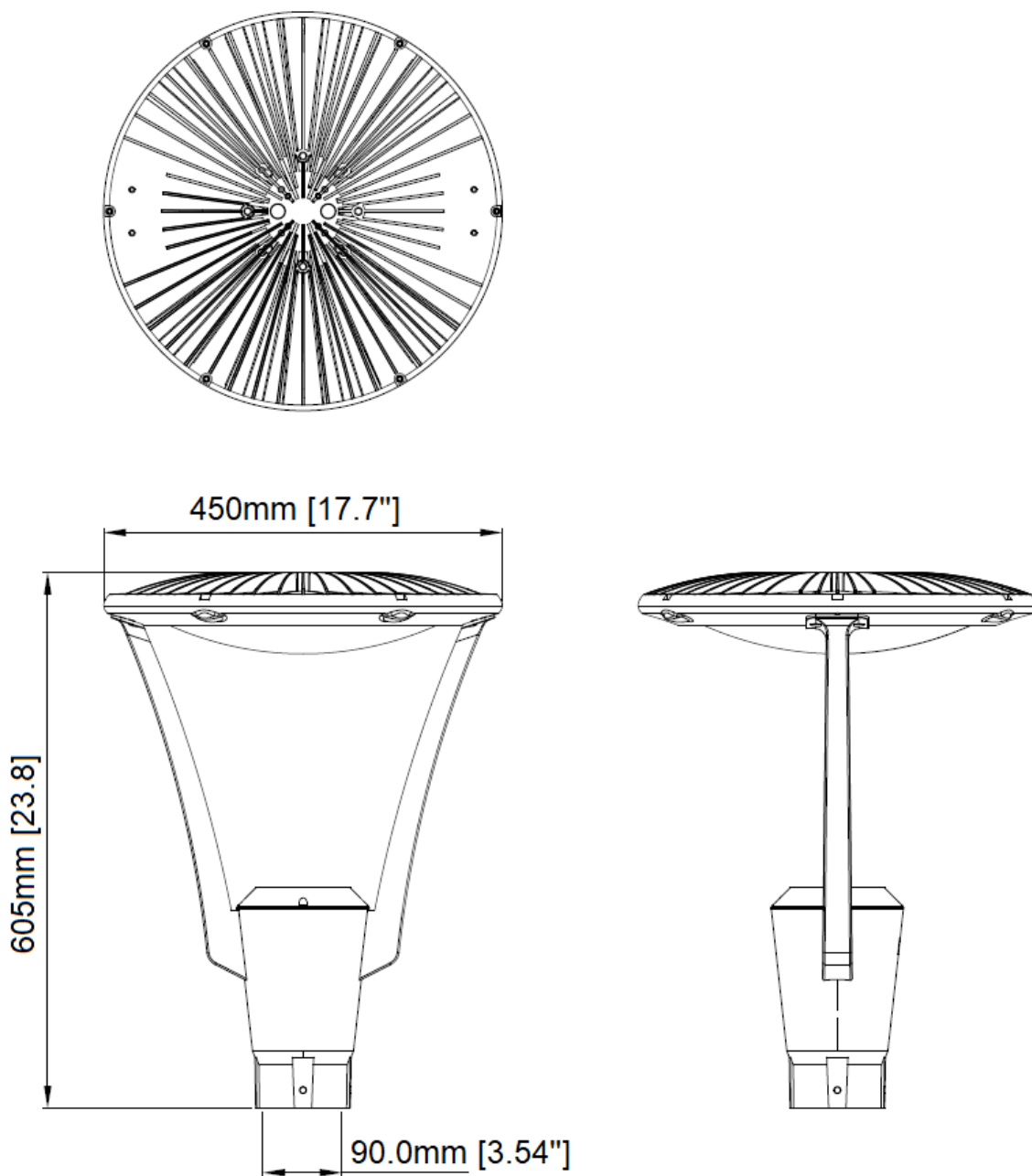
For wattage is $\geq 60W$, driver is remote
For wattage is $\leq 50W$, driver is within fixture



PRODUCT DIMENSIONS

AE-FL-GL35-02-XXW-XXK-XX

Weight: 8.7Kg



LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL (70CRI)	0.91	0.94	0.97	1

PHOTOMETRIC DATA

AE-FL-GL35-02-60W-30K-XX

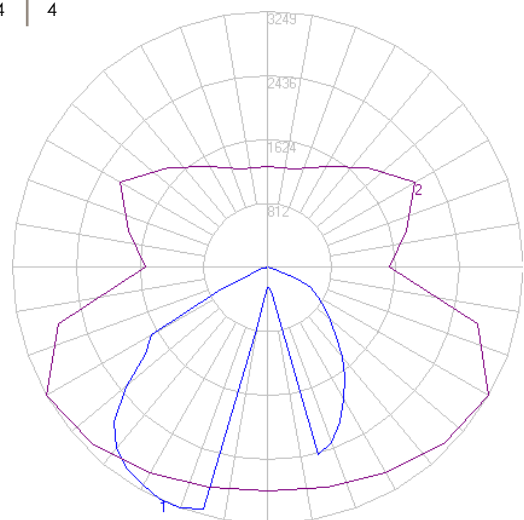
Coefficients of utilization											
Ceiling	80%				70%		50%		30%		0%
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0
RCR	Zonal Cavity Method – Effective floor reflectance = 20%										
Room Cavity Ratio	0	19	19	19	19	19	18	18	17	17	16
	1	18	17	16	16	17	16	15	15	15	14
	2	16	15	14	13	15	13	14	13	13	12
	3	15	13	12	11	13	11	12	11	12	10
	4	13	12	10	9	11	9	11	9	11	8
	5	12	10	9	8	10	8	10	8	10	7
	6	11	9	8	7	9	7	9	7	9	6
	7	11	8	7	6	8	6	8	6	8	6
	8	10	8	6	5	8	5	7	5	7	5
	9	9	7	6	5	7	5	7	5	7	4
	10	9	6	5	4	6	4	6	4	6	4

Luminance data

Angle	0°	45°	90°
45°	30100	11906	7674
55°	39805	9366	9295
65°	54743	7262	9877
75°	10500	2242	4559
85°	1578	1442	1422

Zonal lumen

Zone	Lumens	Zone	Lumens
0-10	42.74	90-100	8.93
10-20	584.8	100-110	5.22
20-30	1038.66	110-120	3.74
30-40	1154.24	120-130	3.36
40-50	1066.77	130-140	3.21
50-60	921.53	140-150	2.17
60-70	691.56	150-160	1.01
70-80	190.91	160-170	0.77
80-90	24.15	170-180	0.35





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INTEGRATED HEAT SINK
Innovative thermal management design by incorporating the heat sink into the fixtures housing. Fins increase heat dissipation providing lasting driver lifetime

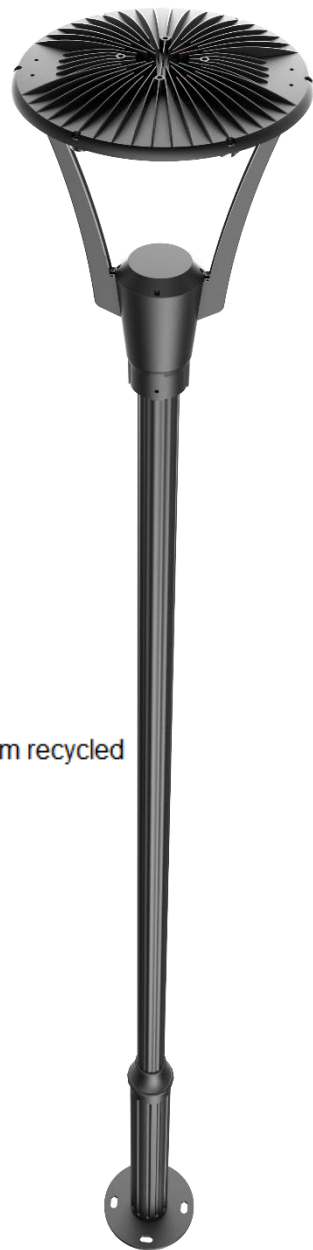


LENS

Tempered glass lens will withstand harsh environmental conditions

SUSTAINABLE HOUSING

Aluminum housing made from recycled materials



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