

## Fortis I LED Flood Lights

The LED FORTIS Series was developed and redeveloped for high wattage applications such as signage, architecture lighting and high mast lighting. Keeping with the original SMD + lens design, the Fortis Series maintains its flexibility in optical and photometric design while adding new features such as pressure valve and surge protection.

Applications:

- Architecture lighting
- High mast lighting
- Signage

**IP 65**



## FEATURES

- Well managed heat dissipation
- Specific angle lenses increases brightness on focused area
- IP 65 Rating  
Suitable for outdoor applications

## General Characteristics

- Input Voltage: 220-240VAC
- Operating Temperature: -20~50 °C
- Life Time: >50,000 Hours
- Warranty : 2 Years
- Body Color: Black
- Finishing Materials: Aluminium, Polycarbonate & Tempered Glass
- Dimmable: No
- Weight: 1.2 Kg(TG30) | 1.8 Kg(TG50) | 5.1 Kg(TG80) | 12 Kg(TG130) | 15 Kg(TG200)

## Specifications

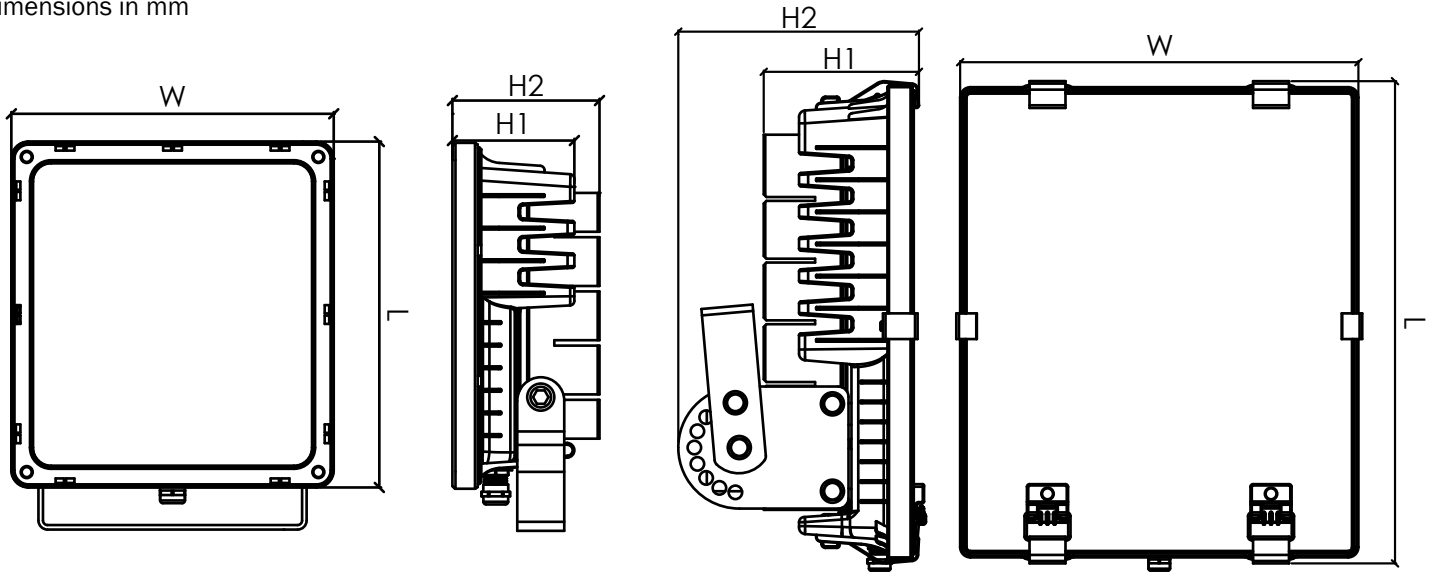
Model	Luminous Flux (lm)	Power (W)	System Efficiency (lm/W)	CCT (K)	Beam angle (°)	Part No
AvL-FL-TG30	2500	30	83	2700K 3000K 4000K 6500K	60	AvL-FL-TG30-04-X
AvL-FL-TG50	3700	45	82		60	AvL-FL-TG50-04-X
AvL-FL-TG80	7000	74	95		60	AvL-FL-TG80-04-X
AvL-FL-TG130	11000	130	86		60	AvL-FL-TG130-04-X
AvL-FL-TG200	17500	200	88		25	AvL-FL-TG200-02-X

X refers to colour temperature (1=Cool White(6500K), 2=Warm White(3000), 3=Neutral White(4000K), 4=Super Warm, (2700K), 5=Golden Warm (2200))

\* Terms and conditions apply.

## Dimensions

Dimensions in mm



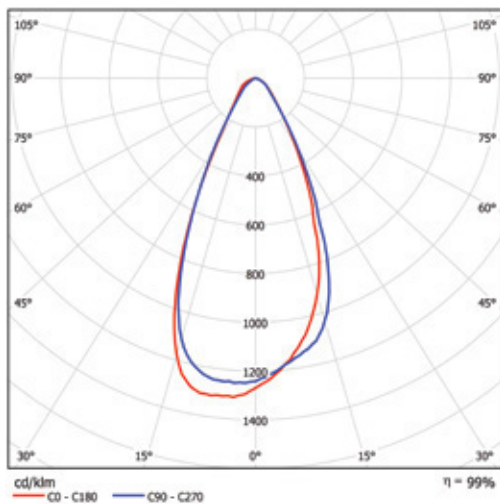
TG30, TG50 & TG80 Flood Light

TG130 & TG200 Flood Light

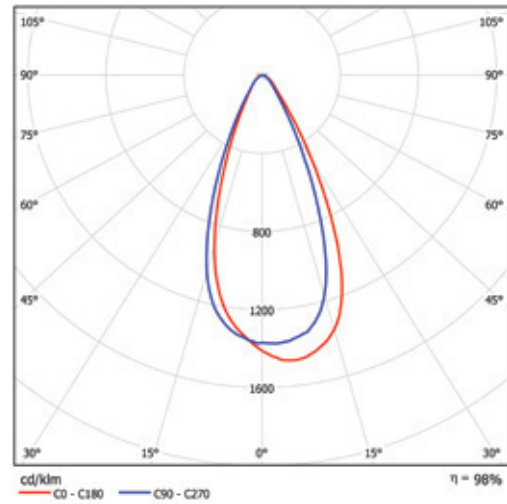
	AvL-FL-TG30-04-X	AvL-FL-TG50-04-X	AvL-FL-TG80-04-X	AvL-FL-TG130-04-X	AvL-FL-TG200-02-X
Length (L)	191	226	291	375	395
Width (W)	178	194	250	310	340
Height (H1/H2)	68/81	79/95	116/122	121/187	121/187

\* The dimension is for illustration only.

## Polar Diagram



AvL-FL-TG30-04-X  
(TG30 Flood light)



AvL-FL-TG50-04-X  
(TG50 Flood light)

X refers to colour temperature (1=Cool White(6500K), 2=Warm White(3000K), 3=Neutral White(4000K), 4=Super Warm(2700K), 5=Golden Warm(2200))

## Packaging Information

Packaging measurement L x W x H in mm



Box for Flood Light

	Inner box (1 Unit)	Outer box	Units per box
AvL-FL-TG30	256 x 234 x 124	628 x 473 x 273	10
AvL-FL-TG50	306 x 265 x 130	678 x 528 x 326	10
AvL-FL-TG80	370 x 324 x 220	N/A	1
AvL-FL-TG130	405 x 462 x 273	N/A	1
AvL-FL-TG200	434 x 488 x 262	N/A	1

*\*This is for illustration purpose. The actual may be differ.*

