

# COOL Floodlight



Outdoor SERIES



## PRODUCT OVERVIEW

Floodlight that is designed to withstand extreme weather conditions while delivering a tremendous amount of light. This floodlight has a Mean-well power supply and Philips LED chipsets. Its heat exchangers to minimize heat radiation are very efficient.

LED chipset to an absolute minimum temperature for maximum lifetime. It is however not Recommended for external use in areas closer than 1km from the coast as the heatsink fins are thin and powder coated.

At average operating temperatures, an **AL TSA Cool Floodlight** is expected to last more than 50000 hours.

Its multiple beam angles are completely adjustable and it has an excellent luminous efficiency of up to 160lm/W and will have a stable light output for the life of the product. The optical lenses are also very effective in controlling the light to specific beam angles.

Quality comes standard...



Hours  
LIFESPAN



IP66  
OUTDOOR



Low  
MAINTENANCE



Year  
WARRANTY



Product  
CERTIFICATION

### APPLICATIONS

Industrial Areas	Workshops
Commercial Areas	Store Rooms
Warehouses	Logistic Centres

### CONSTRUCTION DETAILS

Aluminium Housing	IP66 Ingress Protection
PMMA Lens	IK10 Impact Resistance
White Housing Finish	

### FEATURES

Excellent heat dissipation	Input Voltage: 100-277VAC Glare Index UGR22
Easy Installation	Power Factor: >0.98
Warranty: 5 Years	Various Beam Angles

# Cool Floodlight

## TECHNICAL DATA

MODEL No.:	POWER (W)	LUMEN (lm/W)	BEAM ANGLE	CRI	CCT (K)	SIZE (MM)	WORKING VOLTAGE	LED HEADS
COOL-70/**/**	70	150-160	30°/45°/60°/90°/120°	>80	2200-6000	238x106x179	100-277	1
COOL-140/**/**	140	150-160	30°/45°/60°/90°/120°	>80	2200-6000	238x230x173	100-277	2
COOL-210/**/**	210	150-160	30°/45°/60°/90°/120°	>80	2200-6000	336x222x178	100-277	3
COOL-280/**/**	280	150-160	30°/45°/60°/90°/120°	>80	2200-6000	428x224x178	100-277	4
COOL-420/**/**	420	150-160	30°/45°/60°/90°/120°	>80	2200-6000	428x336x178	100-277	6
COOL-560/**/**	560	150-160	30°/45°/60°/90°/120°	>80	2200-6000	428x454x178	100-277	8
COOL-700/**/**	700	150-160	30°/45°/60°/90°/120°	>80	2200-6000	428x572x178	100-277	10
COOL-1000/**/**	1000	150-160	30°/45°/60°/90°/120°	>80	2200-6000	638x572x178	100-277	15
COOL-1000/ECO	1000	140-150	30°/45°/60°/90°/120°	>80	2200-6000	638x572x178	100-277	4



## MECHANICAL DATA

Lamp Description:	Philips 3030
Operating Temperature:	-20°C ~ 50°C
Housing Material:	Aluminium
Lens Material:	PMMA
Housing Finish:	White
IP Rating:	IP66
Impact Resistance:	IK10

## ELECTRICAL DATA

Driver:	Turefull
Electrical Class:	Class 1
Nominal Voltage Range:	100 - 277 VAC
Power Factor:	>0.95
THD:	12%
Surge Protection:	Standard 1000V- Optional 3000V
Battery Backup:	20% 30 - 90 Minutes
Photocell:	External
Cable Entry:	Bottom

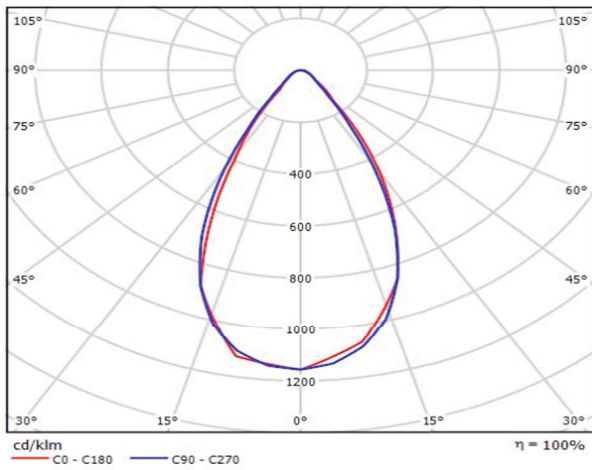
## FEATURES

EMC Applicable
Triac Dimmable
DALI Control
1-10V Control
Motion Sensor

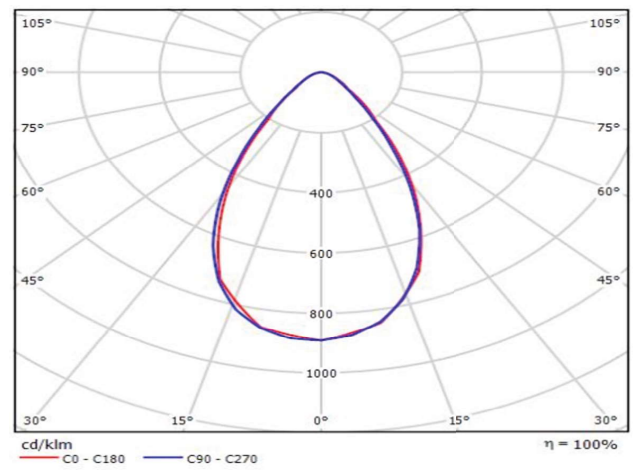
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## ILLUMINATION DATA

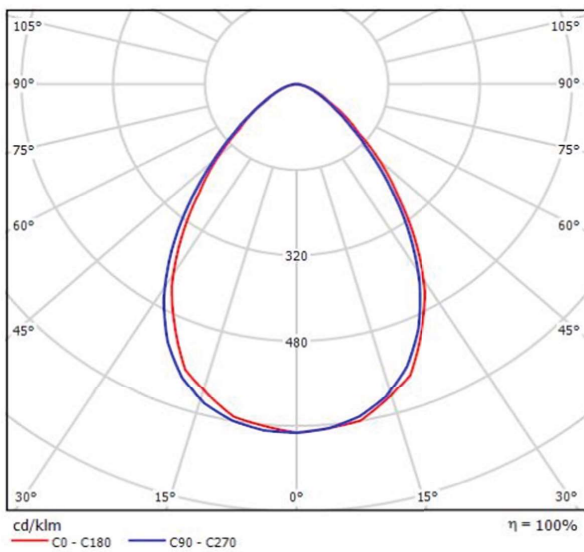
30 Degree



45 Degree



60 Degree



90 Degree

