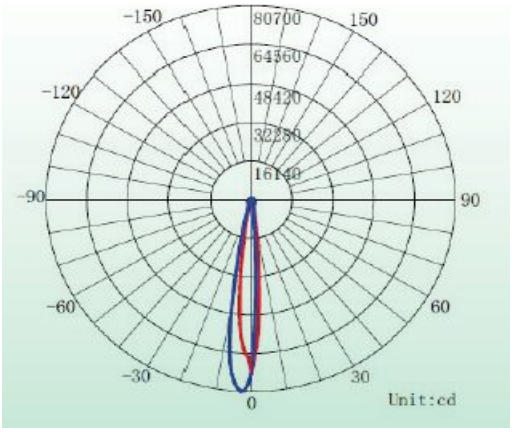
LED FLOODLIGHT

PT3

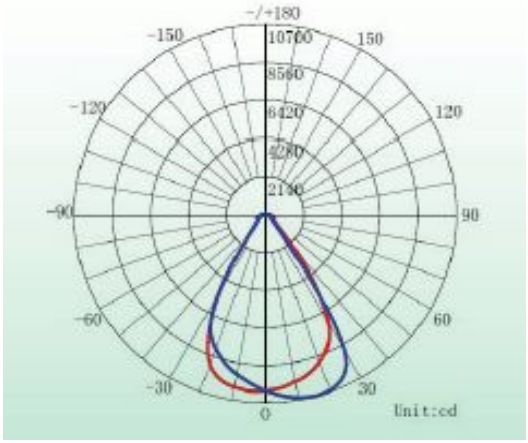
Luminous Flux Lamp (120LM/W)

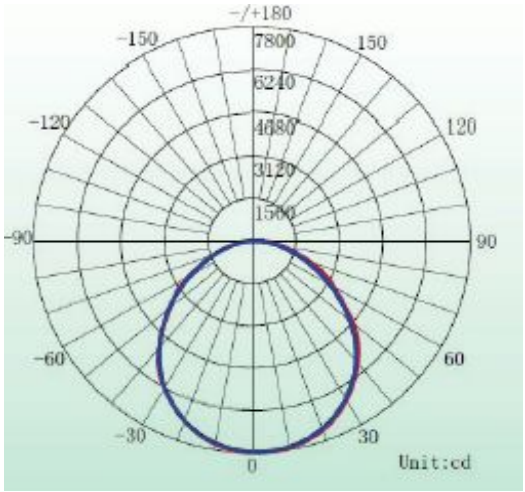
Multiple choices for beam angle , which can adopt to a variety of environments

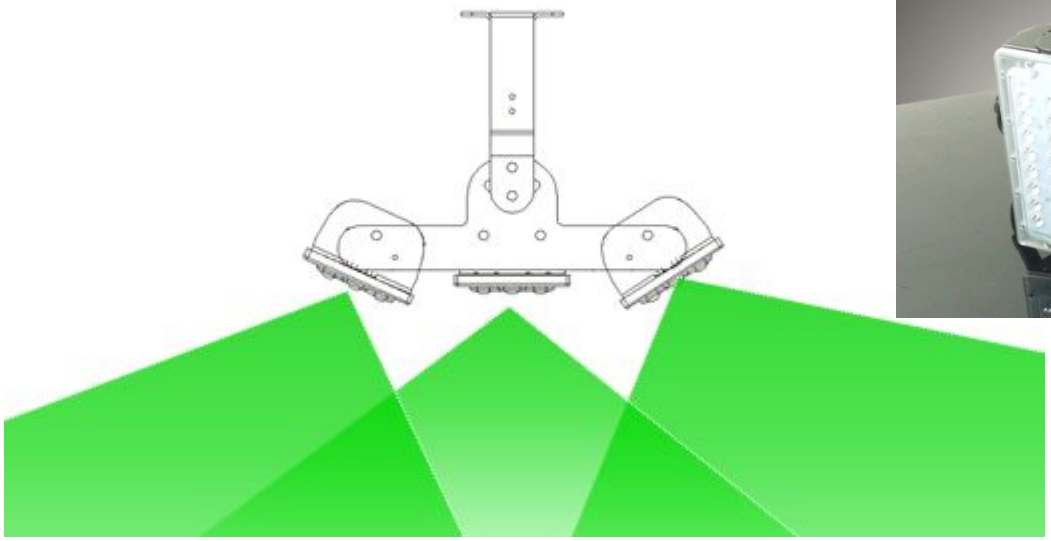


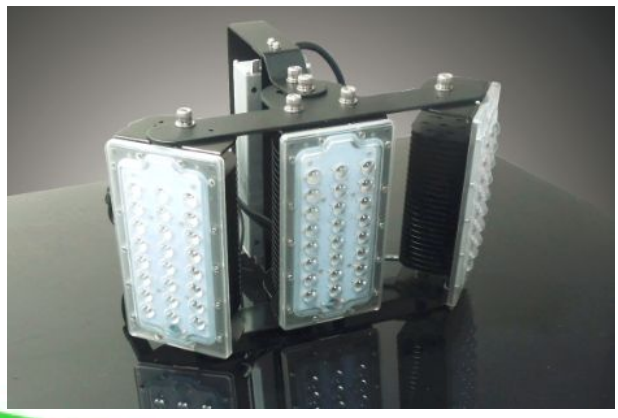
CREE can choose the lens of 15 °,30° ,45° and 60 °

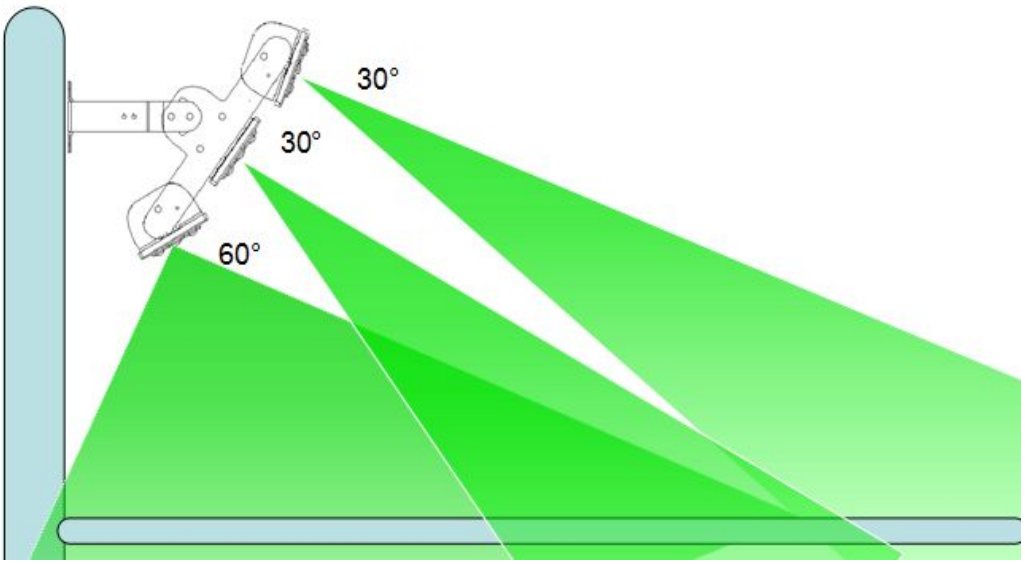
Philips can choose the lens of 30° ,60° and 110°

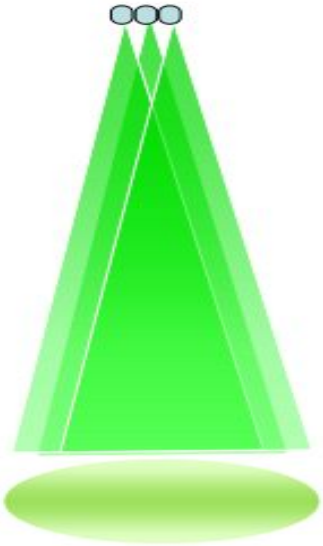




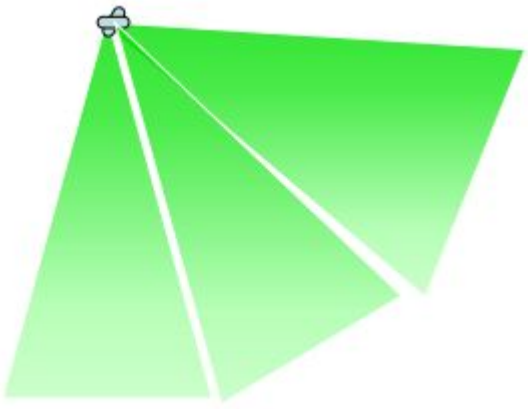





30°
30°
60°

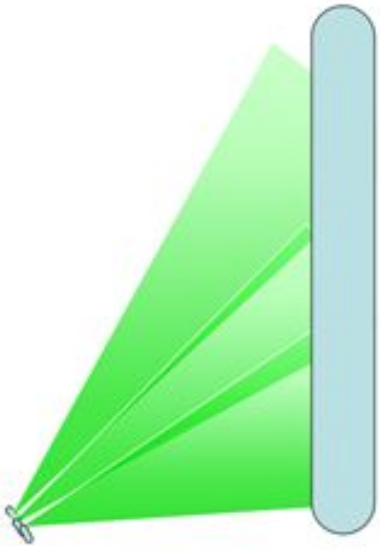


Normal

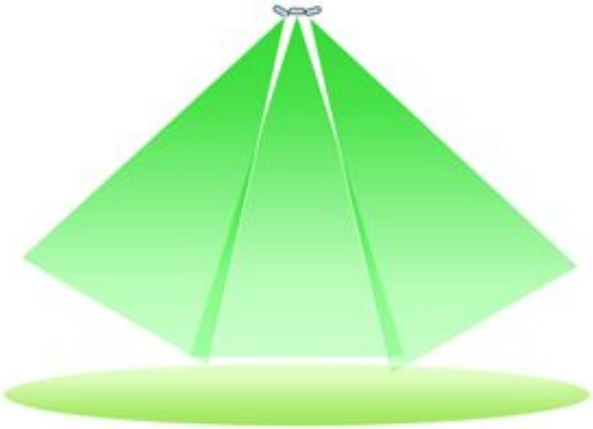


Many-orientation

Overlap

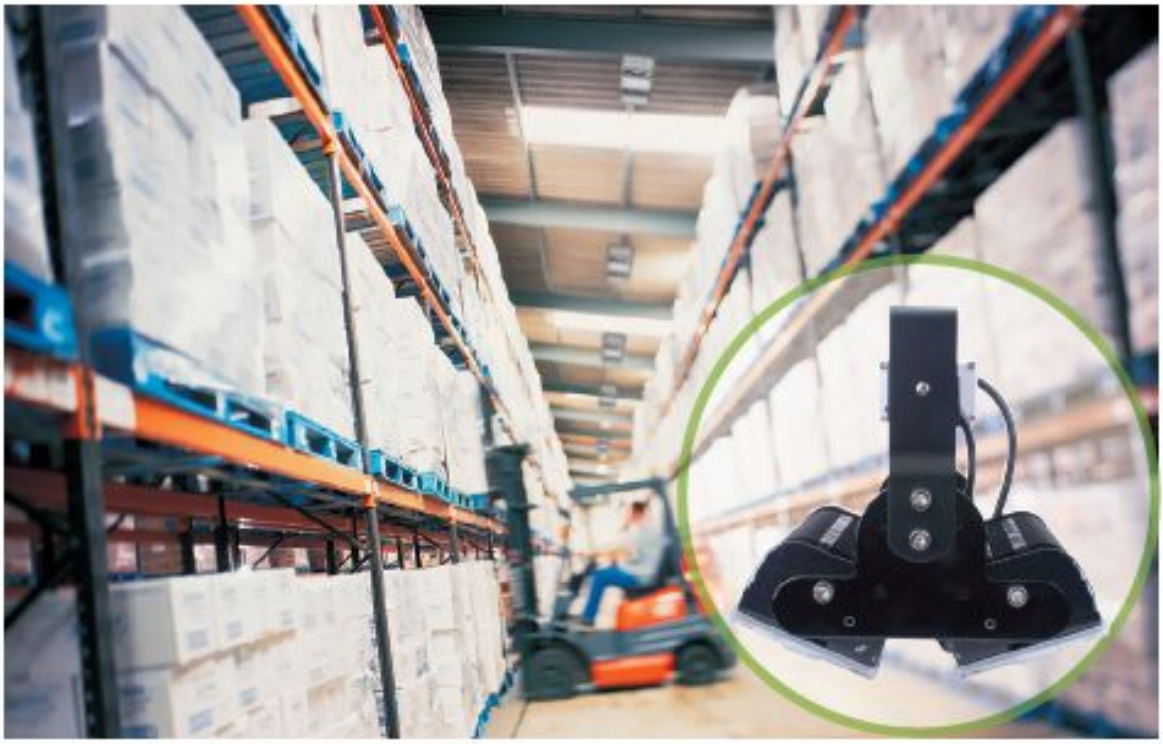


Wallwasher



Wide

One Light for Everywhere



Arc bracket , arbitrary regulation within a range of 180 degrees

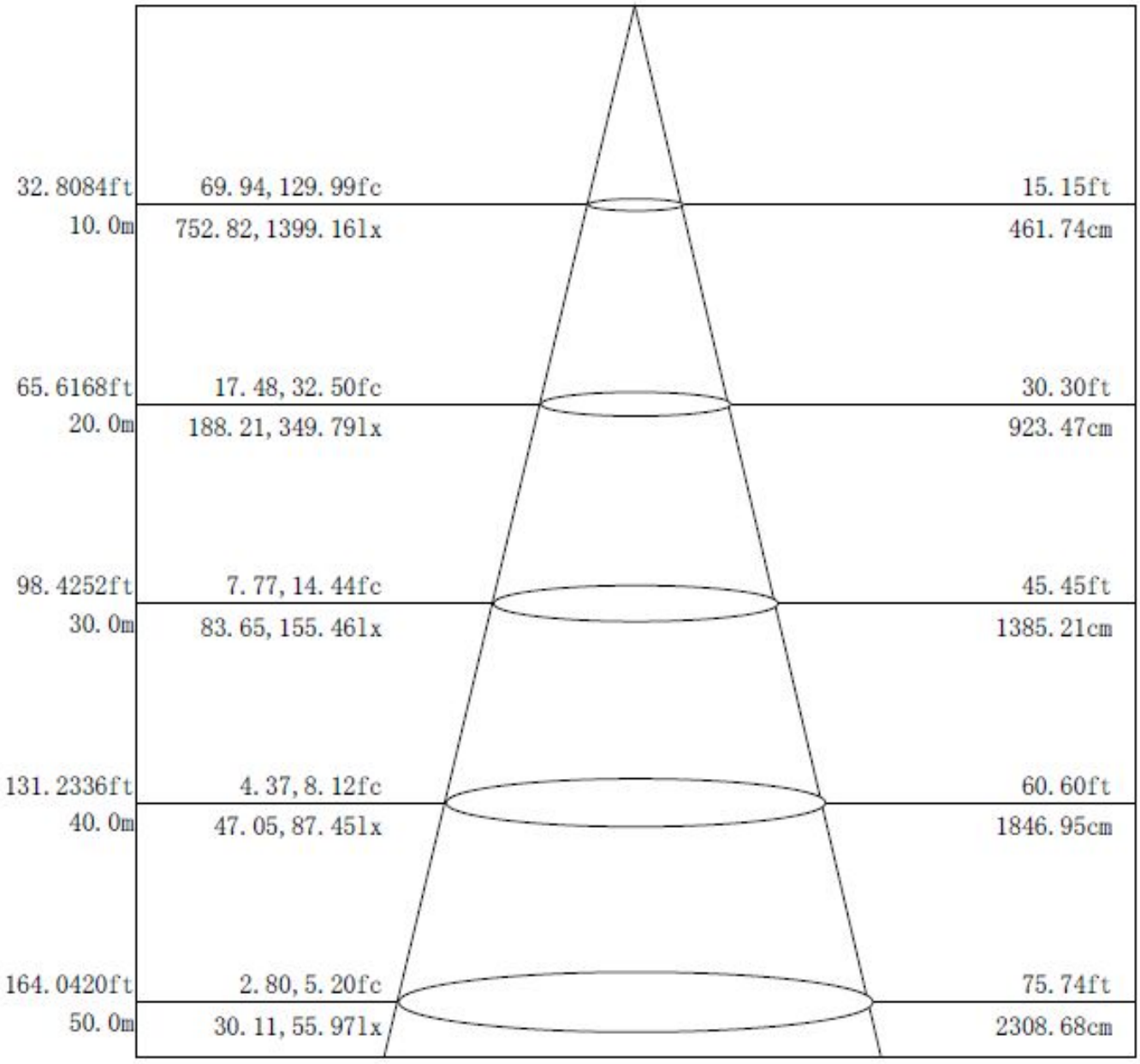
11 irradiation angle adjustment point within a single module , once installed, it can irradiate several regions, here is module schematic

All the connections are made of Austenite 304 stainless steel double screw design, structural stability, shock resistance. Here the crews close-up

Japan's Mitsubishi original material with high transmittance of the lens, light transmission rate reach 91%. Special diamond pattern processing, modeling diamond internal refraction, excellent concentrating effect, which help to determine accurate irradiation angle (lens pictures)

Electrical Parameters	Input Voltage	AC85-265V	Power Factor	> 0.95
	LED Type	Philips	LED Initial Flux	160-170LM/W
			Lamp Initial Flux	120LM/W±5%
		CREE	LED Initial Flux	160-170LM/W
			Lamp Initial Flux	95LM/W±5%
	Working Life	50000 hours	CCT	2700-6500K
	Power Efficiency	> 90%	Beam Angel	15/35/45/60/110°
	IP Grade	IP65	Working Temperature	-40℃ +60℃
Model	LED Power	LED Quantity	LampSize(mm)	Net Weight(kg)
PT3-50W	50W	24*1PCS (CREE) 72*1PCS(SAMSUNG)	238*102*178	2.1+5%
PT3-100W	100W	48*1PCS (CREE) 144*1PCS(SAMSUNG)	238*219*227	3.2 +5%
PT3-150W	150W	72*1PCS (CREE) 216*1PCS(SAMSUNG)	238*340*227	4.1 +5%
PT3-200W	200W	96*1PCS (CREE) 288*1PCS(SAMSUNG	425*219*227	5.5+5%
PT3-300W	300W	144*1PCS (CREE) 432*1PCS(SAMSUNG	425*340*227	8.4+5%

Effective Average Illuminance Diagram



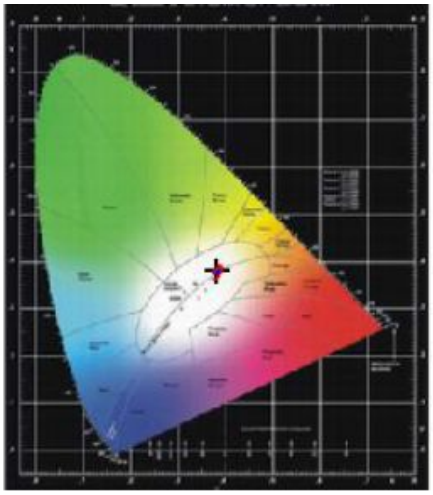
PT3-200W-15°

The comparison of different CCT

WW 2700-3200K NW 4000-4500K PW 6000-6500K

System test report PT3-100W（4000-4500K）

curve of spectrum power distributing



Spectrum		Electrical		
λ (Peak):	454.3 nm	I(test):	477.000 mA	
λ (Main):	576.7 nm	Vf:	221.000 V	
λ (Centroid):	444.0 nm	Φv:	13169.024 lm	
λ (Center):	445.0 nm	Efficiency:	129.858 lm/w	
BandWidth:	26.0 nm	P:	101.5 W	
ColorTemp:	4110 K	PFC:	0.962	
CIE(x, y):	0.3783, 0.3836	R1:81.9	R2:90.2	R3:96.4
CIE(u, v):	0.2210, 0.3362	R4:82.4	R5:82.8	R6:87.9
Ra:	84.3	R7:86.8	R8:66.3	R9:14.4
Purity:	0.286	R10:76.9	R11:81.7	R12:58.8
Light Power:	47041.0955 mw	R13:83.6	R14:98.1	R15:75.6

REAL EFFECT

Turn Off

Turn ON

The Cooling Effectiveness Test PT3-200W

Turn ON 1 min-30˚

Turn ON 40 min-58˚

Turn oON 6H -58˚

Waterpoof