Luminous Flux Lamp 140 lm/W

Nortelco MultiLED PT4

Modular LED Floodlight System, ISO 9001:2008

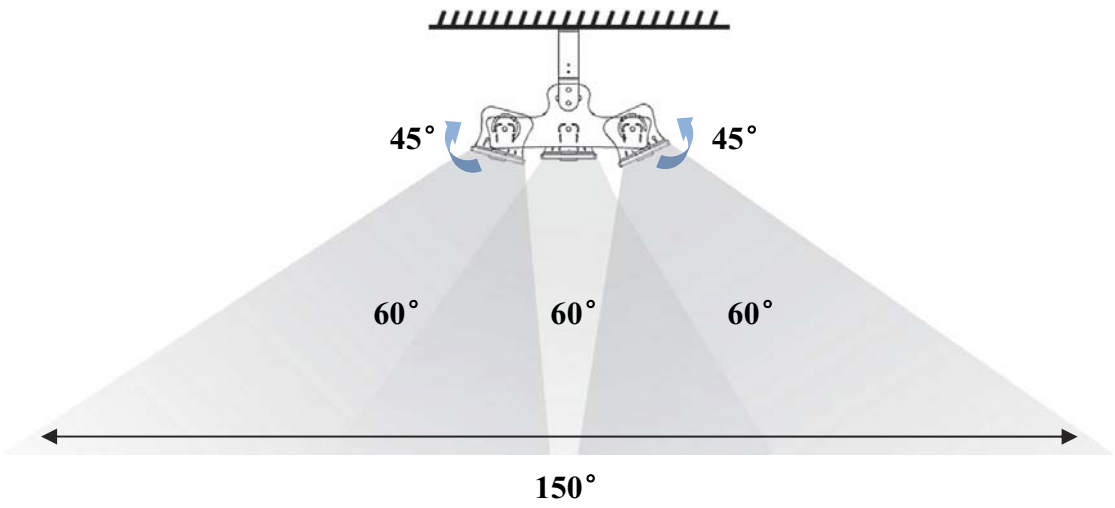


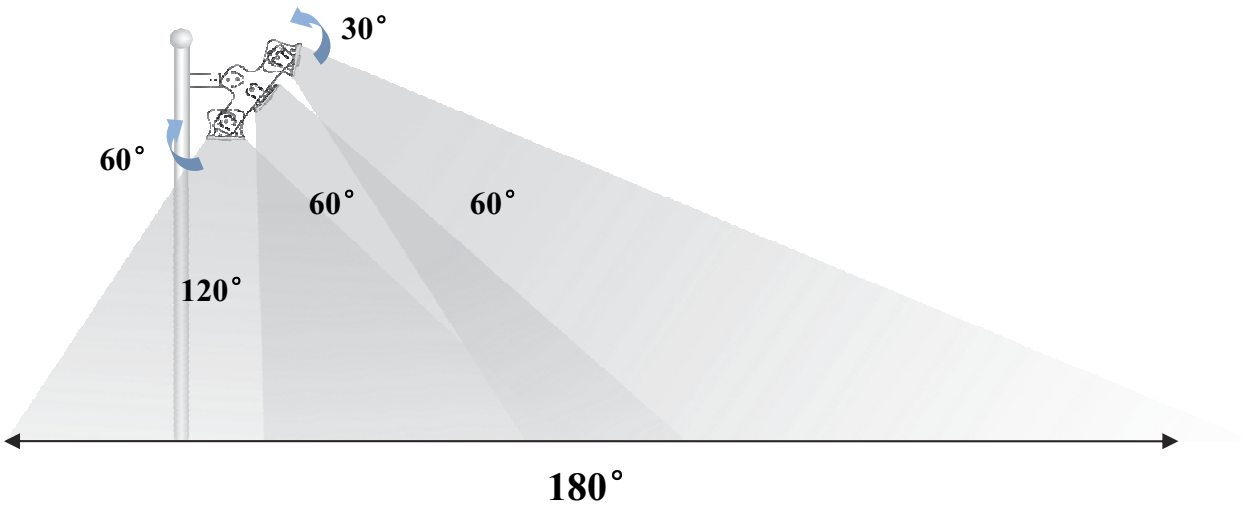
Nortelco MultiLED PT4 specification

Input Voltage	AC90-277 V 50/60 Hz	**CCT**	2700-6500K
Power Factor	> 0.95	**Power Efficiency**	> 90%
LED Type	Philips LUMILEDS	**Beam Angel**	30°/ 60°/ 120°
LED Initial Flux	170-180 lm/W	**IP Grade**	IP65
Lamp Initial Flux	140 lm/W ± 5%	**Working Temperature**	-40°C to +60°C
Working Life	50 000 hours		

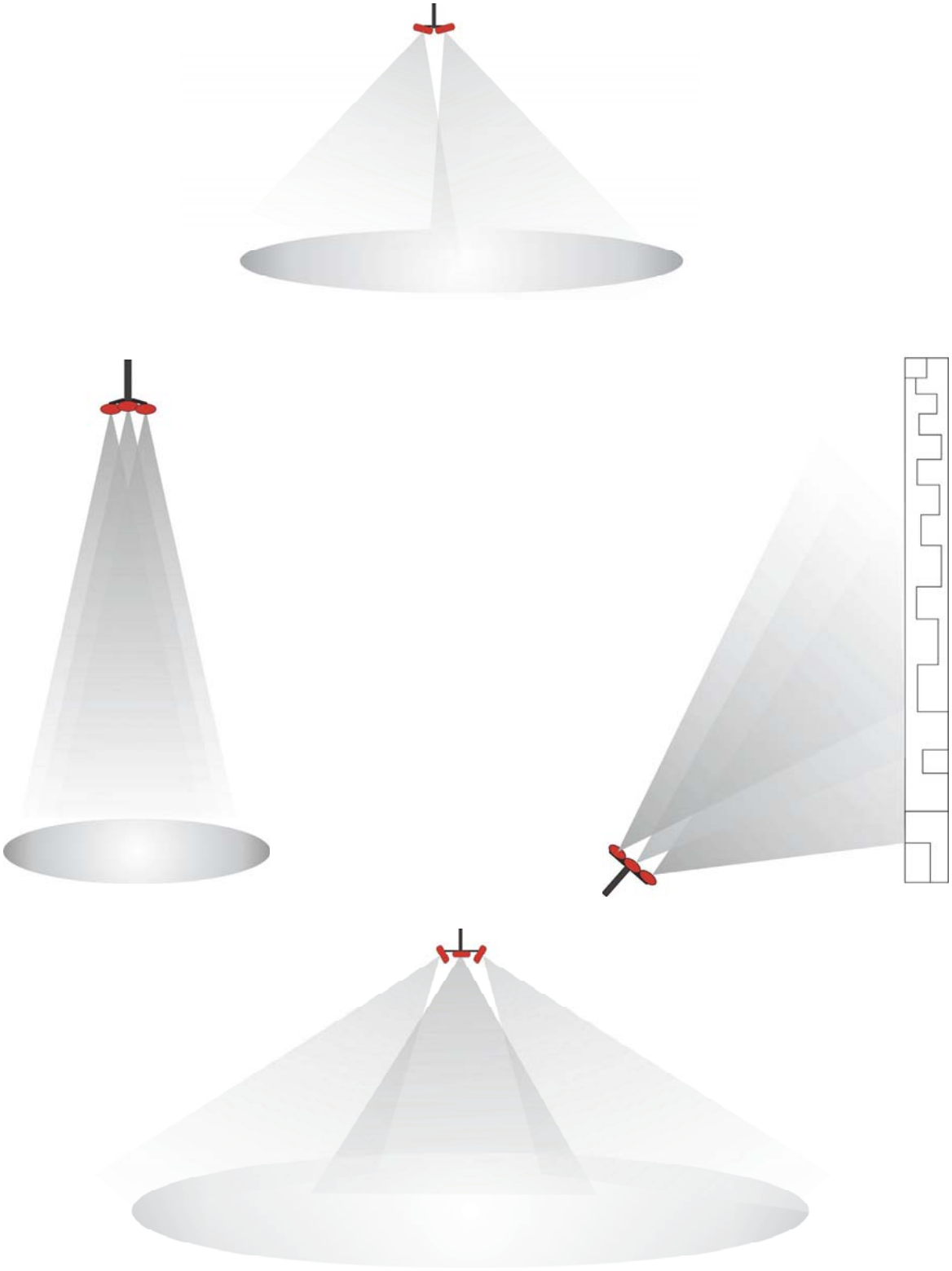
Model	LED Power	LED Quantity	Lamp Size (mm)	Net Weight (kg)
PT4-100W	100W	168 pcs	226 x 183 x 102	2.8 ± 5%
PT4-200W	200W	336 pcs	230 x 242 x 194	4.1 ± 5%
PT4-300W	300W	504 pcs	340 x 242 x 194	5.6 ± 5%
PT4-400W	400W	672 pcs	422 x 243 x 221	7.6 ± 5%
PT4-600W	600W	1008 pcs	422 x 243 x 336	10.5 ± 5%

Various installation

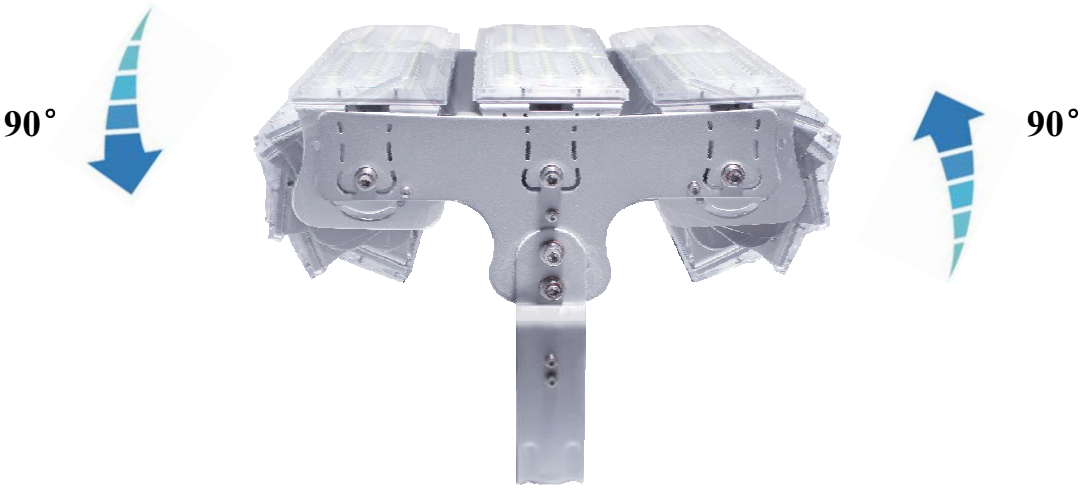


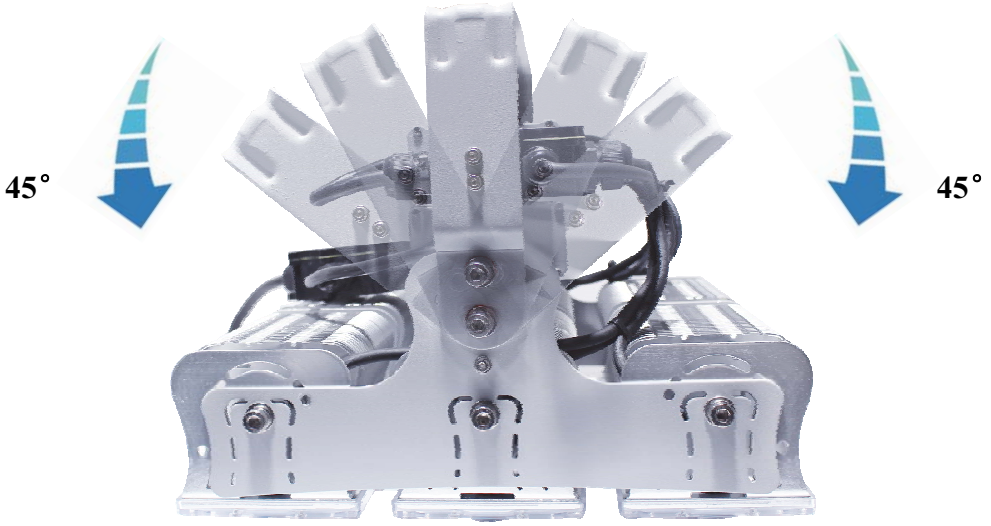


Various light distributions

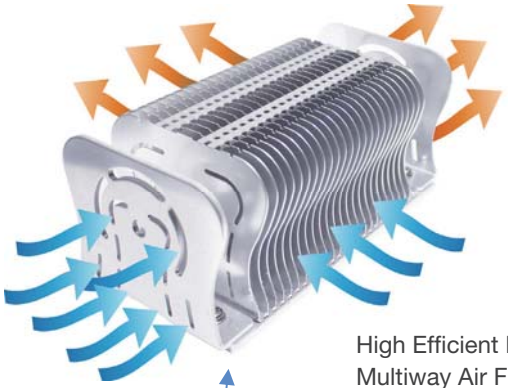


Modular adjustable design

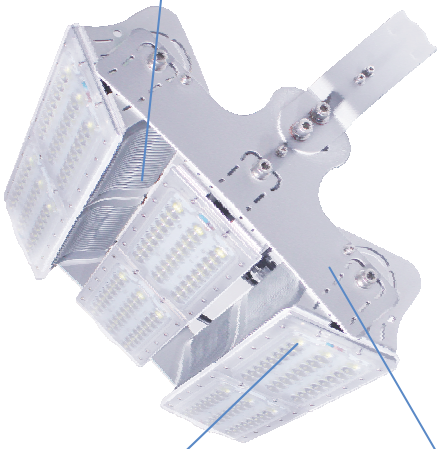


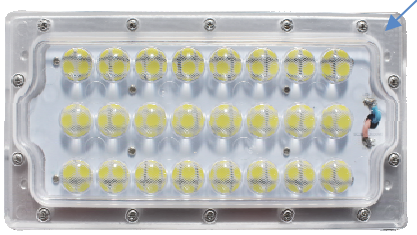


Original details design



High Efficient Heat Dissipation
Multiway Air Flow + Aluminum Cooling Fin



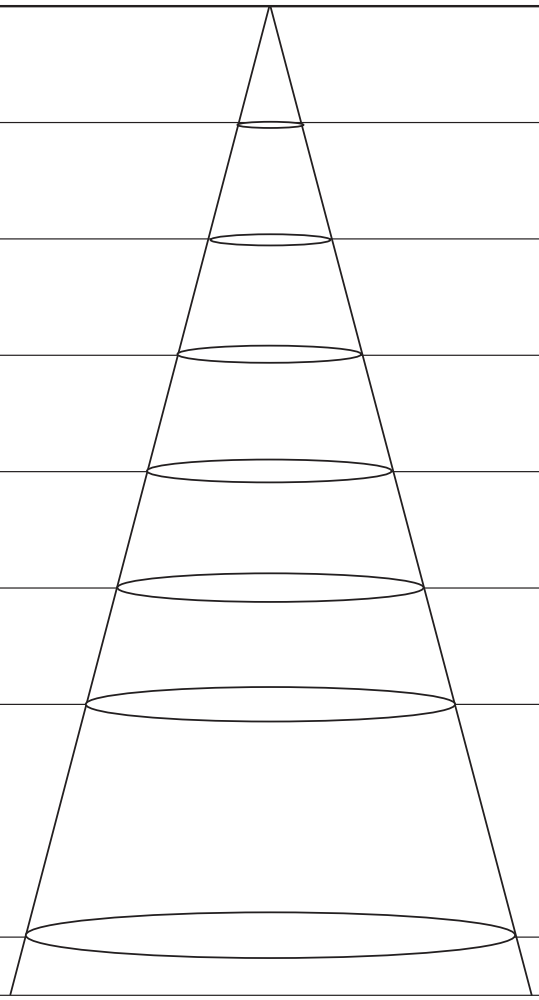




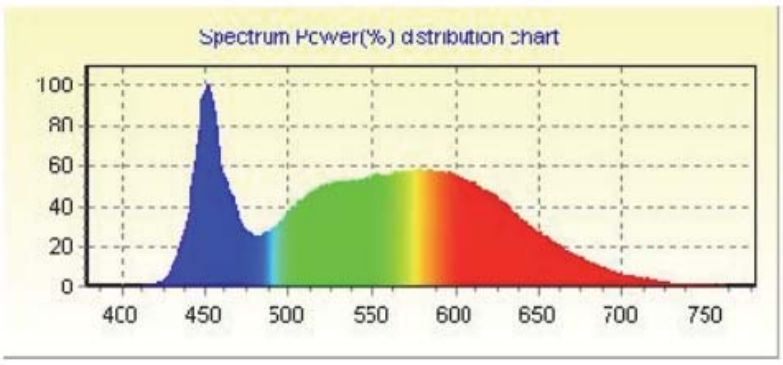
Effective Average Illuminance Diagram

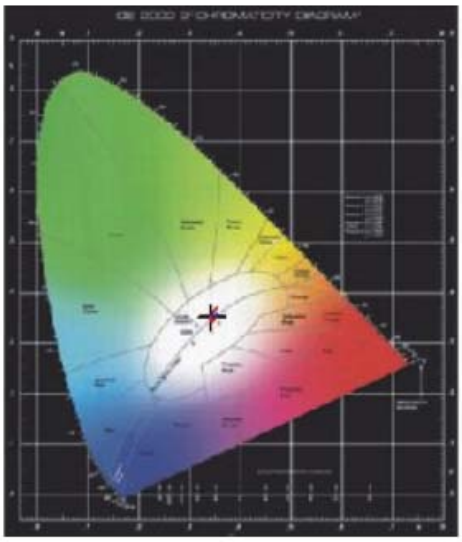
Lux/ Distance Curve – Nortelco MultiLED PT4-600W, 30º

Height	Effect in lux	Diameter in m
10 m	2400	5.8
20 m	600	11.7
30 m	268	17.5
40 m	151	23.5
50 m	96	29.2
60 m	67	35.0
80 m	38	46.8



System test report Nortelco MultiLED PT4-200W (4000-4500K)

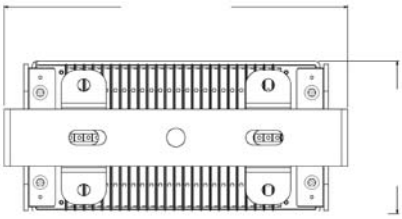




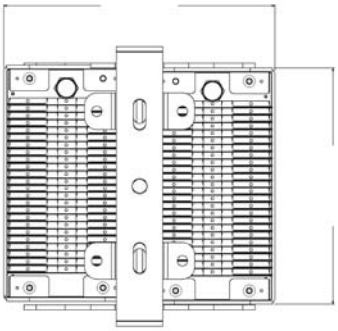
Spectrum	
λ (Peak)	452.0 nm
λ (Main)	567.0 nm
λ (Centroid)	442.7 nm
λ (Center)	443.0 nm
Bandwidth	22.0 nm
Color Temperature	5141K
CIE (x, y)	0.3418, 0.3562
CIE (u, v)	0.2074, 0.3243
Ra	83.7
Purity	0.094
Light Power	100968.6248 mw

Electrical		
I (test)	942.000 mA	
Vf	218.600 V	
ϕ v	27809.595 lm	
Efficiency	138.494 lm/W	
P	200.8 W	
PFC	0.974	
R1 82.1	R2 89.1	R3 93.4
R4 82.5	R5 82.1	R6 84.9
R7 87.7	R8 68.1	R9 8.6
R10 73.7	R11 84.4	R12 58.1
R13 83.9	R14 96.6	R15 76.6

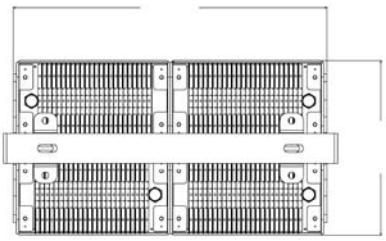
Size



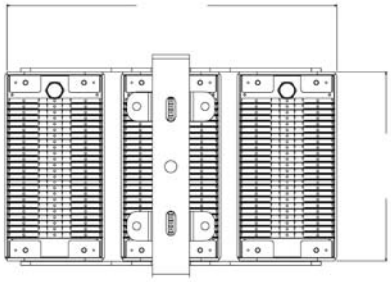
100W



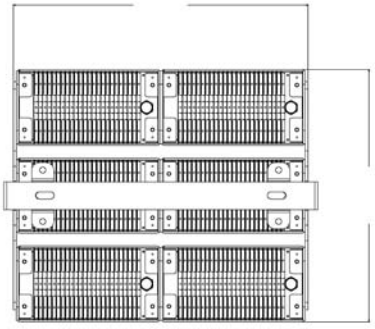
200W



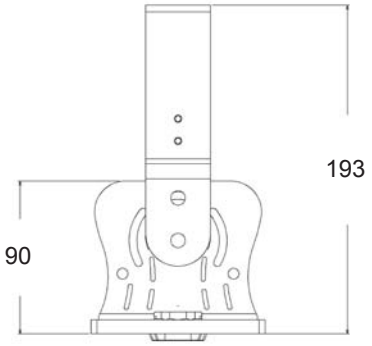
400W

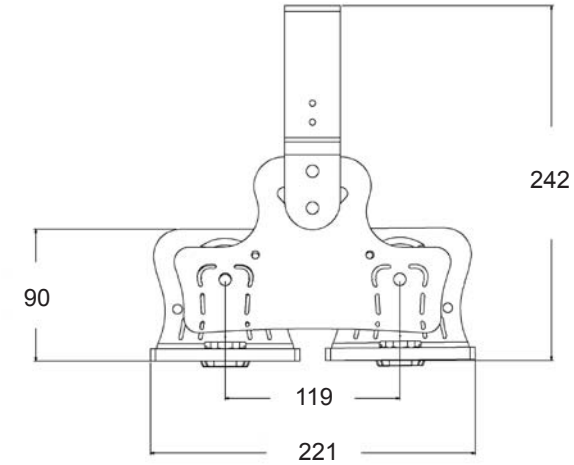


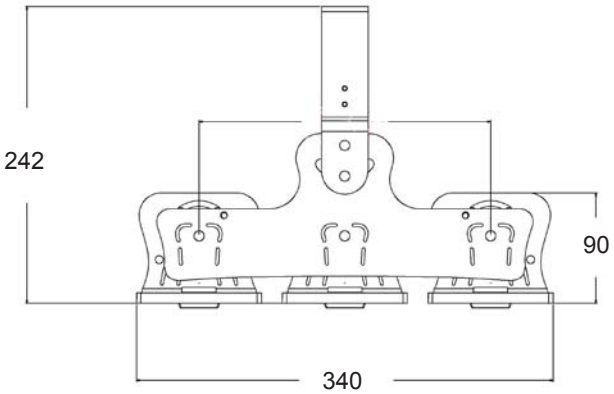
300W



600W









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