

Panthera

Urban Lighting / Post Top Light



DAVIS LIGHTING

Features

Stylish curved arm Post Top fitting
Range of wattage and lighting distribution options
Smooth curved top provides self-cleaning ability
Robust high pressure diecast aluminium construction
10kV surge protection
Smarts ready options available
High performance LED light source

Applications

Urban lighting
Building surrounds
Area lighting
Parks and Pathways

Options

0-10V, PWM, Resistor (15-40W)
1-10V, PWM, Resistor (50-100W)
DALI
Photocell / PIR / Microwave sensor

Standards

Manufactured under ISO 9001:2015 to standards
IEC 60598-1
IEC 60598-2-3
IEC 62722
IEC CISPR 15





Product Code Key

Model	Power	-	CRI & Colour Temp.	Dimming	NEMA socket	Smart Control	Distribution Pattern
PTG	15 = 15W		R83 = CRI>80, 3000K	D05 = 0-10V + PWM + Resistor (optional)	N01 = NEMA 3 pin	S01 = Photocell (Daylight + ON/OFF)	Z01 = Type V Short (Square) (153x155°)
	20 = 20W		R84 = CRI>80, 4000K		N02 = NEMA 3 pin + Shorting cap		
	30 = 30W		R85 = CRI>80, 5000K		N05 = NEMA 7 pin	S24 = Microwave (Motion + Daylight + Dimming)	
	40 = 40W			D06 = 1-10V + PWM + Resistor (optional)	N06 = NEMA 7 pin + Shorting cap		Z02 = Type III Medium (47x150°)
	50 = 50W					Z03 = Type IV Medium (40x46°)	
	60 = 60W					Z04 = Type II Medium (100x150°)	
	70 = 70W					Z05 = Type III Short (52x135°)	
	75 = 75W					Z06 = Type I Medium (110x150°)	
	100 = 100W				D10 = DALI (optional)		
					omit code for standard non-dimmable	omit code for standard no NEMA socket	omit code for standard non-smart control

e.g. PTG100-R84D06S01Z01 = PTG series 100W, CRI >80 4000K, 1-10V + PWM + Resistor dimming, Photocell smart control, Type V Short distribution

General Specifications

Parameter	Technical Data
Light Source	SMD LED Module
Power	from 15W up to 100W
Input Voltage	100 - 240 VAC 50 / 60 Hz
Colour Temp.	3000K / 4000K / 5000K
CRI	> 80
Power Factor	> 0.90
Operating Temp.	-30°C to +50°C
Rated Life	> 50,000 hrs (Ta=30°C@L70)
Surge Protection	10kV
Optics Material	PC
Wind Rating	57 m/s
Optical Cover	Tempered glass
Distribution Pattern	Type I Medium / Type II Medium / Type III Short / Type III Medium / Type IV Medium / Type V Short
Dimming (optional)	0-10V, PWM, Resistor (15-40W) / 1-10V, PWM, Resistor (50-100W) / DALI (15-100W)
Smart Control (optional)	Photocell / PIR / Microwave
Protection Class	Class I
Mounting Option	Post top Ø60mm
Colour	Silvery Black
Weight range (min-max)	7.0kg (PTG15) - 7.6kg (PTG100)



Specifications - Lumen Performance

15-40W range (Standard non-dimmable. Optional 0-10V, PWM, Resistor / DALI)

Model	PTG15-vwxyz	PTG20-vwxyz	PTG30-vwxyz	PTG40-vwxyz
Nominal Power (W)	15	20	30	40
Flux (lm) / Efficacy (lm/W) *				
Type V Short	1733 / 118	2243 / 113	3655 / 120	4663 / 117
Type III Medium	1871 / 126	2422 / 121	3946 / 129	5035 / 125
Type IV Medium	1864 / 125	2413 / 120	3931 / 128	5016 / 124
Type II Medium	1920 / 130	2485 / 124	4049 / 132	5167 / 129
Type III Short	1929 / 128	2496 / 123	4067 / 131	5190 / 128
Type I Medium	1889 / 127	2445 / 122	3983 / 130	5083 / 127

50-100W range (Standard non-dimmable. Optional 1-10V, PWM, Resistor / DALI)

Model	PTG50-vwxyz	PTG60-vwxyz	PTG70-vwxyz	PTG75-vwxyz	PTG100-vwxyz
Nominal Power (W)	50	60	70	75	100
Flux (lm) / Efficacy (lm/W) *					
Type V Short	6096 / 120	7394 / 121	8528 / 121	8914 / 120	12,373 / 121
Type III Medium	6606 / 129	7835 / 130	9195 / 130	9621 / 129	13,328 / 130
Type IV Medium	6600 / 128	7809 / 129	9154 / 129	9479 / 127	13,186 / 129
Type II Medium	6773 / 133	8151 / 134	9439 / 134	9988 / 132	13,709 / 134
Type III Short	6846 / 131	8003 / 132	9463 / 133	9827 / 131	13,558 / 132
Type I Medium	6669 / 130	7952 / 131	9283 / 131	9684 / 130	13,448 / 131

"v" denotes CRI & CCT,

R83 = CRI>80, 3000K ; R84 = CRI>80, 4000K ; R85 = CRI>80, 5000K

"w" denotes Dimming,

D05 = 0-10V+PWM+Resistor ; D06 = 1-10V+PWM+Resistor ; D10 = DALI

"x" denotes NEMA,

N01 = NEMA 3 pin ; N02 = NEMA 3 pin + Shorting cap ; N05 = NEMA 7 pin ; N06 = NEMA 7 pin + Shorting cap

"y" denotes Smart Control,

S01 = Photocell (Daylight+ON/OFF) ; S14 = PIR (Motion+Daylight+Dimming) ; S24 = Microwave (Motion+Daylight+Dimming)

"z" denotes Distribution Pattern,

Z01 = Type V Short (Square) (153x155°) ; Z02 = Type III Medium (47x150°) ; Z03 = Type IV Medium (40x46°)
Z04 = Type II Medium (100x150°) ; Z05 = Type III Short (52x135°) ; Z06 = Type I Medium (110x150°)

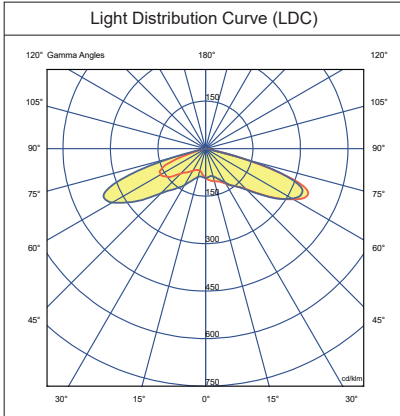
* Specifications shown for 4000K



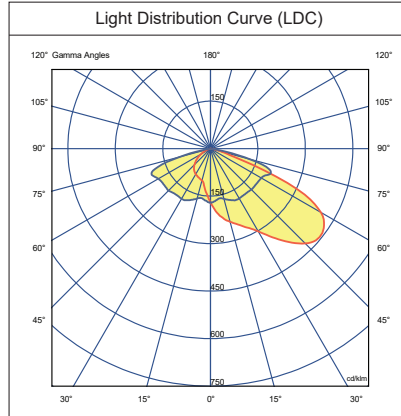


Lighting Data

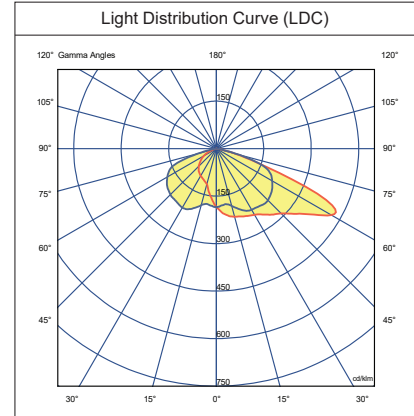
PTG60-R84Z01



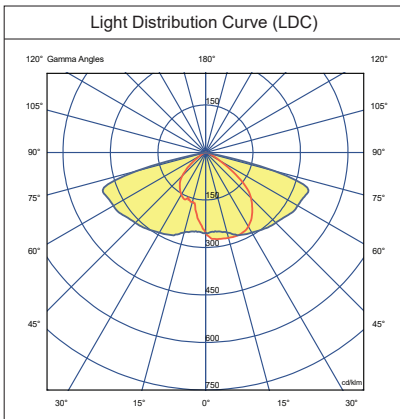
PTG60-R84Z02



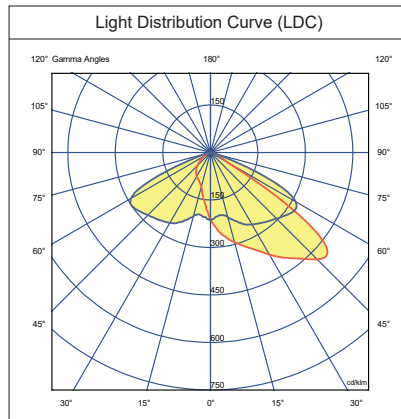
PTG60-R84Z03



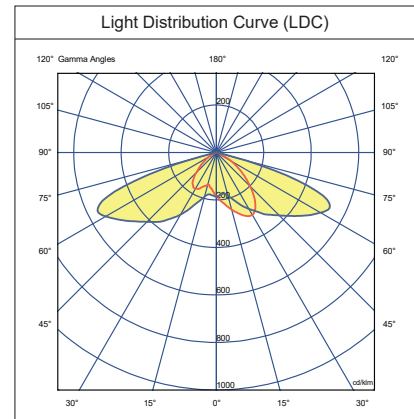
PTG60-R84Z04



PTG60-R84Z05



PTG60-R84Z06



Dimensions

