

SPECIFICATION — Zeal

APPLICATION

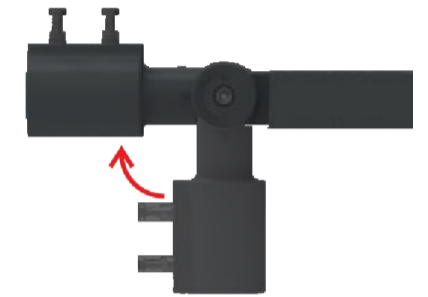
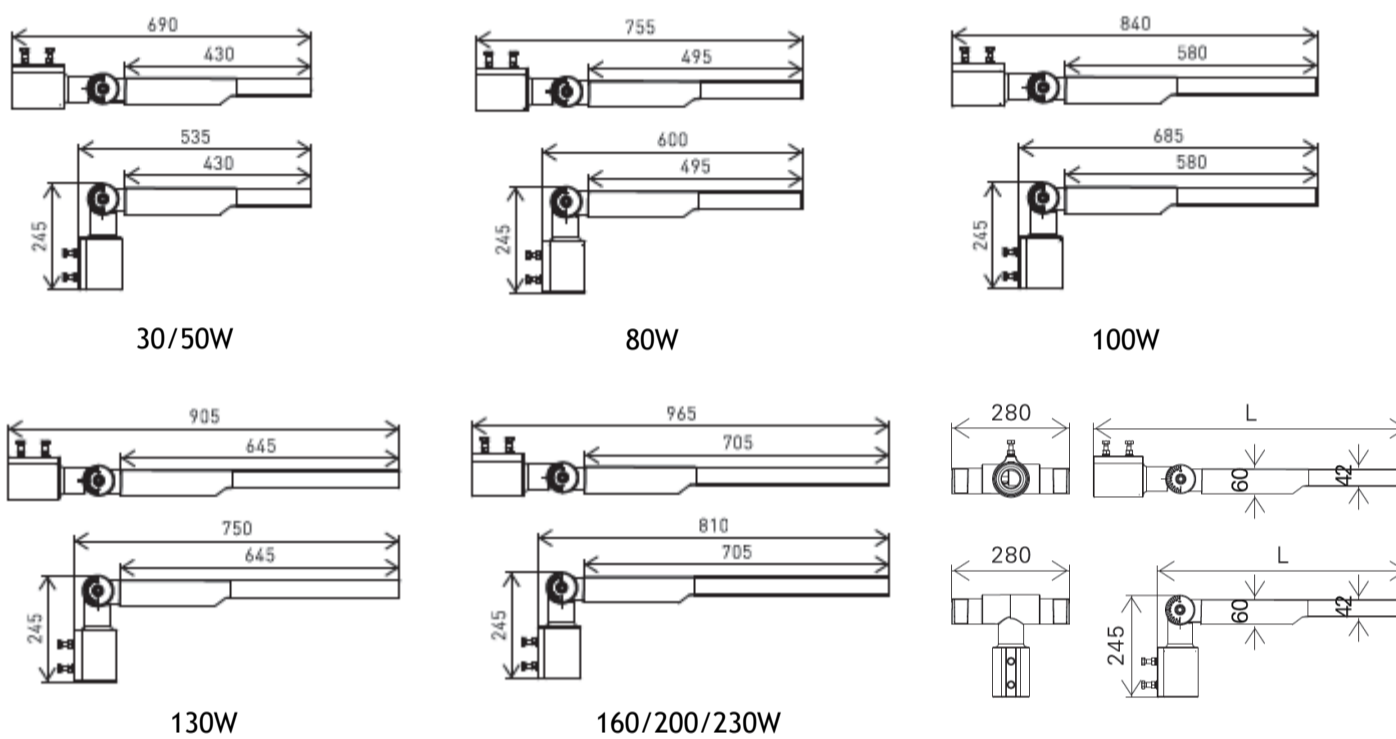
It is ideal for any street lighting, parking area, playgrounds, court, etc.

PARAMETERS

• Physical & Performance

Chip	Samsung	Housing and Body	Aluminum Alloy
Protection class	IP66 (Body)	Lumens Efficiency	105+ LM/W
Single color	3000K,4000K,5000K,5700K	System power	30-230W
CRI	Ra80	Power efficiency	91%
Power factor	0.95	LED numbers	Max 72pcs
Lifetime	More than 50000 hrs	Operating environment	-40°C~+50 °C, 10%~90%RH
Storage environment	-40°C~+50 °C	Junction Temperature	Less than 80 °C
Supply voltage	AC176~277V; 50/60Hz	Surge voltage	10KV

DIMENSIONS

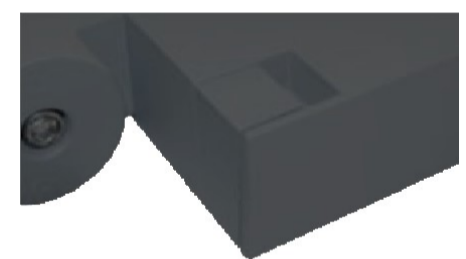
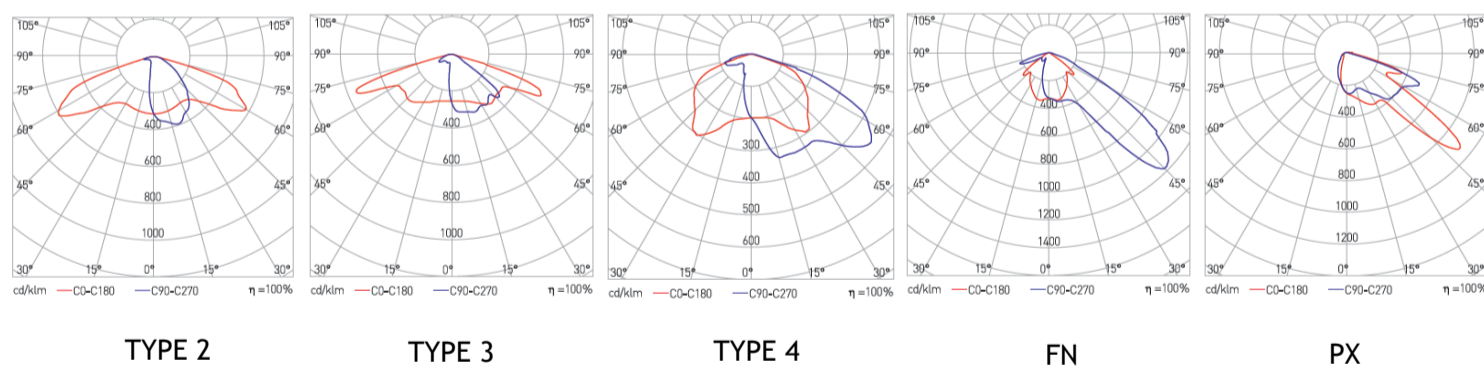


Adjustable Pole Connector



For 76/60 mm Pole

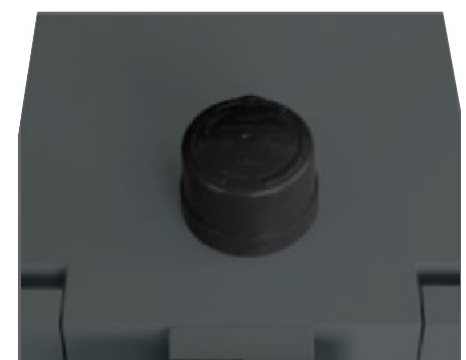
DISTRIBUTION



Toolless Maintenance

ORDERING INFORMATION

Product Family	Power	CCT	Distribution	Daylight	Accessory	Color
HZ=Honeywell Zeal	30=30W	30=3000K 40=4000K 50=5000K 57=5700K	T2=TYPE2 T3=TYPE3 T4=TYPE4 FN=FN PX=PX	Blank=None DS=Daylight Sensor	PC=Pole Connector	SL=Silvery BK=Black
	50=50W					
	80=80W					
	100=100W					
	130=130W					
	160=160W					
	200=200W 230=230W					



Daylight Sensor

Chips Powered by

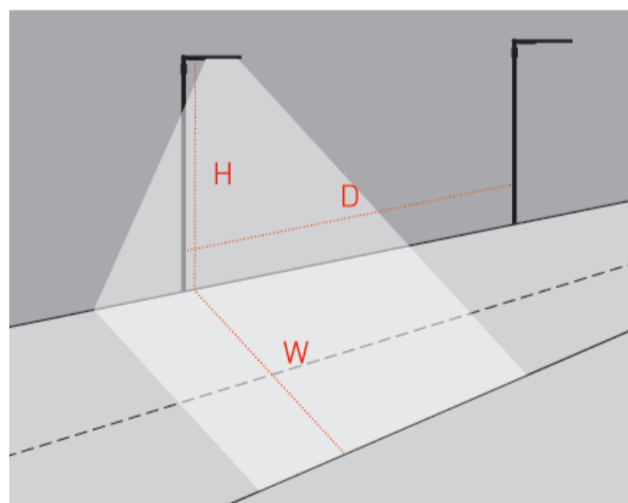


PARAMETERS

Chips (pcs)	CCT (K)	Luminous Flux (lm)	Power (w)	Weight (kg)
24 LED	3000	3145	30	7.5
24 LED	4000	3241	30	7.5
24 LED	5000	3378	30	7.5
24 LED	3000	5382	50	7.5
24 LED	4000	5651	50	7.5
24 LED	5000	5934	50	7.5
36 LED	3000	8423	80	8.1
36 LED	4000	8760	80	8.1
36 LED	5000	9198	80	8.1
48 LED	3000	10868	100	8.5
48 LED	4000	11303	100	8.5
48 LED	5000	11868	100	8.5
60 LED	3000	13585	130	9.1
60 LED	4000	14129	130	9.1
60 LED	5000	14835	130	9.1
72 LED	3000	16302	160	10
72 LED	4000	16954	160	10
72 LED	5000	17802	160	10
72 LED	3000	18435	200	10
72 LED	4000	19713	200	10
72 LED	5000	20698	200	10
72 LED	3000	20945	230	10
72 LED	4000	22396	230	10
72 LED	5000	23516	230	10



DESIGN GUIDE



H = The vertical height of the light pole and the ground

W = Irradiation area road width

D = The distance between two street lights

Power (w)	Installation of light	Dip angle	H (m)	W (m)	D (m)	Lav (cd/m ²)	U0	U1	TI	SR	Eav (lx)
50	Unilateral	10°	8	10	25~30	0.56	0.36	0.63	14	0.35	9
80	Unilateral	10°	8	10	25~30	0.84	0.36	0.63	15	0.35	14
100	Unilateral	10°	10	10	30~35	1.67	0.42	0.62	13	0.43	26
130	Bilateral	10°	12	20	35~40	1.11	0.44	0.66	12	0.72	19
160	Bilateral	10°	12	20	30~35	1.76	0.55	0.75	10	0.72	30
200	Bilateral	10°	12	20	30~35	2.08	0.6	0.78	10	0.72	35
230	Bilateral	10°	12	26	30~35	2.08	0.67	0.79	8	0.68	36

NOTICE: All data based on TYPE III lens for reference.

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