

# TEKO Park

DATASHEET | SPECIFICATIONS



## CHARACTERISTIC

TEKO Park = flexibility, wide range of chromaticity temperature, ENEC certification, and integration in "Smart City".

## USE

- Pedestrian zones
- Outdoor areas
- Sidewalks
- Cycle paths
- Square



## TECHNICAL SPECIFICATIONS

### ELECTRICAL PARAMETERS

Light source	» LED
AC voltage	» AC 220–240 V / 50–60 Hz
Connection	» leading out cable » leading out cable with connector (G)
Driver	» electronic driver with surge protection L/N-Ground 10 kV
Surge protection	» additional surge protection 10 kV (S)
Fuse	» fuse 6,3 A (J)
Dimming	» non-dimmable (not labeled) » DALI (max. 3. core cable) » night dimming (A) » preparation for wireless communication » Zhaga (Z)
Constant lumen output	» CLO (C)

### LIGHT PARAMETERS

Optical system	» roads (Mxx) » roads (Lxx) » directional (Pxx) » area (Uxx) » combined optics (Kxx)
Light distribution	» direct
Color rendering index	» Ra > 70 » Ra > 80
Color temperature	» AMBER » 2 200 K » 2 700 K » 3 000 K » 4 000 K » 5 000 K » TW
Service life	» > 100 000 hrs. (L90B10)

### CONSTRUCTION

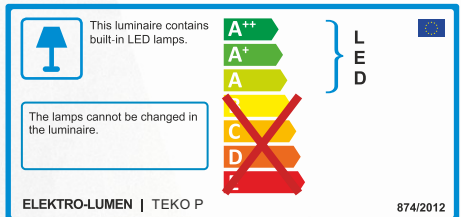
Housing	» aluminum cast
Color	» RAL 7015/9006 » other RAL (on request)
Surface	» matte
Cover	» tempered glass

### SAFETY

Protection class	» I » II
Ambient operating temperature	» -40 / +55 °C
Electrical part protection	» IP 66
Optical part protection	» IP 66
Mechanical durability	» IK 09 (EN 62262:2002)
Certification	» IDA Dark Sky Approved

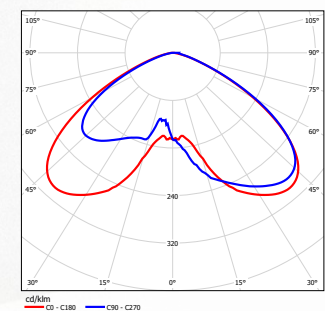
### MOUNTING

Method	» pole (48–60 mm) » 60–76 mm (included)
Recommended height	» up to 6 m



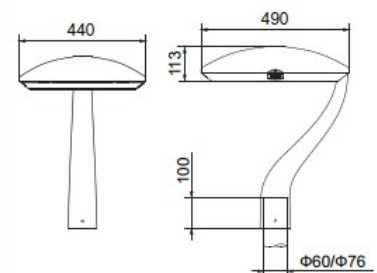
## LIGHT DISTRIBUTION CURVE

TEKO P U01 5k0 730 B124



## DIMENSIONS

TEKO P



# VARIANTS

## DATASHEET TEKO P

TYPE	POWER (W)					TYPICAL LUMINOUS FLUX	SERVICE LIFE	WEIGHT
	Color temperature (K)							
Name								
Ra 70	AMBER	2 200	2 700	3 000	4 000	Lumen (lm)	L90B10 (hrs.)	Kilogram (kg)**
TEKO P Mxx ... 2k0 ...	16,4	16	13,9	13,9	12,6	2 000	> 100 000	9,9
TEKO P Mxx ... 3k0 ...	27,2	23,4	20,9	19,6	18,3	3 000	> 100 000	9,9
TEKO P Mxx ... 4k0 ...	39,8	33	28,1	26,8	24,3	4 000	> 100 000	9,9
TEKO P Mxx ... 5k0 ...	50,9	43,4	35,5	33	31	5 000	> 100 000	9,9
TEKO P Mxx ... 6k0 ...	62*	44,4	45,5	41,1	38,3	6 000	> 100 000	9,9
TEKO P Mxx ... 7k0 ...	—	53,7	47	42	41,2	7 000	> 100 000	9,9
TEKO P Mxx ... 8k0 ...	—	63,5*	54,3	49,3	47	8 000	> 100 000	9,9
TEKO P Mxx ... 9k0 ...	—	72,9*	63,3*	59,3	54,4	9 000	> 100 000	9,9
TEKO P Mxx ... 10k0 ...	—	84,8*	69,9*	64,9*	61	10 000	> 100 000	9,9
TEKO P Mxx ... 12k0 ...*	—	—	84,9	79	74	12 000	> 100 000	9,9
Ra 70								
TEKO P Lxx ... 2k0 ...	—	—	12,5	12,5	12,5	2 000	> 100 000	9,9
TEKO P Lxx ... 3k0 ...	—	—	18	17,5	17,5	3 000	> 100 000	9,9
TEKO P Lxx ... 4k0 ...	—	—	24,5	23,1	23,1	4 000	> 100 000	9,9
TEKO P Lxx ... 5k0 ...	—	—	31,1	30,6	28	5 000	> 100 000	9,9
TEKO P Lxx ... 6k0 ...	—	—	38	35,9	34,1	6 000	> 100 000	9,9
TEKO P Lxx ... 7k0 ...	—	—	41,3	39,6	36,9	7 000	> 100 000	9,9
TEKO P Lxx ... 8k0 ...	—	—	46,4	46,4	44	8 000	> 100 000	9,9
TEKO P Lxx ... 9k0 ...	—	—	53,7	51,2	48,7	9 000	> 100 000	9,9
TEKO P Lxx ... 10k0 ...	—	—	59,5	58,5	53,5	10 000	> 100 000	9,9
TEKO P Lxx ... 12k0 ...*	—	—	73,6	68,7	65,2	12 000	> 100 000	9,9

TW – TUNABLE WHITE	POWER (W)		TYPICAL LUMINOUS FLUX (lm)		SERVICE LIFE	WEIGHT
Name						
AMBER — 4 000 K	AMBER	4 000 K	AMBER	4 000 K	L90B10 (hrs.)	Kilogram**
TEKO P TW ... 2k0 AMB/740	16,4	12,6	2 000	2 000	> 100 000	9,9
TEKO P TW ... 3k0 AMB/740	27,2	18,3	3 000	3 000	> 100 000	9,9
TEKO P TW ... 4k0 AMB/740	39,8	24,3	4 000	4 000	> 100 000	9,9
TEKO P TW ... 5k0 AMB/740	50,9	31	5 000	5 000	> 100 000	9,9
TEKO P TW ... 6k0 AMB/740*	62	38,3	6 000	6 000	> 100 000	9,9
AMBER — 3 000 K		3 000 K		3 000 K		
TEKO P TW ... 2k0 AMB/730	16,4	13,9	2 000	2 000	> 100 000	9,9
TEKO P TW ... 3k0 AMB/730	27,2	19,6	3 000	3 000	> 100 000	9,9
TEKO P TW ... 4k0 AMB/730	39,8	26,8	4 000	4 000	> 100 000	9,9
TEKO P TW ... 5k0 AMB/730	50,9	33	5 000	5 000	> 100 000	9,9
TEKO P TW ... 6k0 AMB/730*	62	41,1	6 000	6 000	> 100 000	9,9

\* Can not be produced under ENEC licence

\*\* Weight may vary depending on the luminaire variant

Luminaire ambient temperature TQ 25 °C

Initial color consistency: ≤ 5 SDCM

IDA fixture seal of approval relates to ≤ 3 000 K

To meet IDA requirements, the luminaires must be installed horizontally with the road

Optical and electrical parameters tolerance ± 10 %

When using the CLO function, the initial power and luminous flux is 10 % lower than the value shown in the table. LDT curves with CLO function have the letter "C" at the end of their marking.

## CODE DESCRIPTION

TEKO	P	TW	II	M01	8k0	730	B124	43CAZ	SJG	H3S	ENEC		
												Name	
												TW	Tunable White
												Class	
												Without marking	Class I
												II	Class II
												Optical system	
												M01	Roads
												L01	Roads
												P01	Directional
												U01	Area
												K01	Combined optics
												Luminous flux marking (source)	
												Ra 70 / 3 000 K	
												LED module marking	
												B	LED module type
												1	
												2	
												4	Mask type
												Driver type	
												43	OSRAM 4DIM (DALI) + 3 pole terminal block
												4	OSRAM 4 DIM
												1	OSRAM 1DIM (none DALI)
												D	OSRAM DX – Dexal (for Zhaga connector)
												C	Constant luminous flux (CLO)
												A	AstroDim
												Z	ZHAGA connector, 4 pin (Dexal driver)
												S	Surge protection 10 kV
												J	Fuse 6,3 A
												G	Gesis connector
												H	H05(07)RN-F cable (1 mm <sup>2</sup> )
												C	CYKY cable (1,5 mm <sup>2</sup> )
												2	2 core cable
												3	3 core cable
												S	Standard – 25 cm length of cable (led out of the luminaire)
												1	1 meter (length in whole meters)
												ENEC certification	