

IRIS

DATASHEET | SPECIFICATIONS



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 » night dimming (A)
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
Service life	» > 100 000 hours (L90B10)

CONSTRUCTION

Housing	» aluminum cast
Color	» RAL 7015
Surface	» mat
Cover	» tempered glass

SAFETY

Protection class	» I » II
Ambient operating temperature	» -40 / +55 °C
Electrical part protection	» IP 66
Optical part protection	» IP 66

MOUNTING

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

CHARACTERISTIC

Modern outdoor urban LED luminaire.

USE

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



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

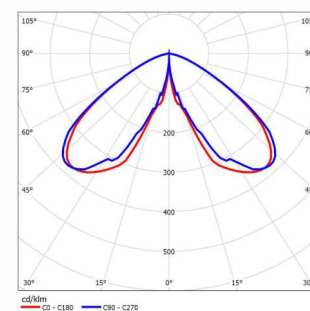
A++
A+
A
C
D

LED

ELEKTRO-LUMEN | IRIS 874/2012

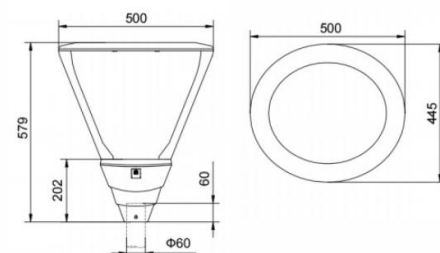
LIGHT DISTRIBUTION CURVE

IRIS U01



DIMENSIONS

IRIS



VARIANTS

DATASHEET IRIS

TYPE	POWER (W)				TYPICAL LUMINOUS FLUX	SERVICE LIFE	WEIGHT
Name	Color temperature (K)						
Ra 70	2 200	2 700	3 000	4 000	Lumen (lm)	L90B10 (hours)	Kilogram (kg)*
IRIS Uxx ... 2k0 ...	16	13,9	13,9	12,6	2 000	> 100 000	9,8
IRIS Uxx ... 3k0 ...	23,4	20,9	19,6	18,3	3 000	> 100 000	9,8
IRIS Uxx ... 4k0 ...	33	28,1	26,8	24,3	4 000	> 100 000	9,8
IRIS Uxx ... 5k0 ...	43,4	35,5	33	31	5 000	> 100 000	9,8
IRIS Uxx ... 6k0 ...	44,4	45,5	41,1	38,3	6 000	> 100 000	9,8
IRIS Uxx ... 7k0 ...	53,7	47	42	41,2	7 000	> 100 000	9,8
IRIS Uxx ... 8k0 ...	63,5	54,3	49,3	47	8 000	> 100 000	9,8
IRIS Uxx ... 9k0 ...	—	63,3	59,3	54,4	9 000	> 100 000	9,8
Ra 70							
IRIS Lxx ... 2k0 ...	—	—	12,5	12,5	2 000	> 100 000	9,8
IRIS Lxx ... 3k0 ...	—	—	17,5	17,5	3 000	> 100 000	9,8
IRIS Lxx ... 4k0 ...	—	—	23,1	23,1	4 000	> 100 000	9,8
IRIS Lxx ... 5k0 ...	—	—	30,6	28	5 000	> 100 000	9,8
IRIS Lxx ... 6k0 ...	—	—	35,9	34,1	6 000	> 100 000	9,8
IRIS Lxx ... 7k0 ...	—	—	39,6	36,9	7 000	> 100 000	9,8
IRIS Lxx... 8k0 ...	—	—	46,4	44	8 000	> 100 000	9,8
IRIS Lxx ... 9k0 ...	—	—	51,2	48,7	9 000	> 100 000	9,8
* Weight may vary depending on the luminaire variant							
Optical and electrical parameters tolerance ± 10 %							

