

AEROLITE LSL DC

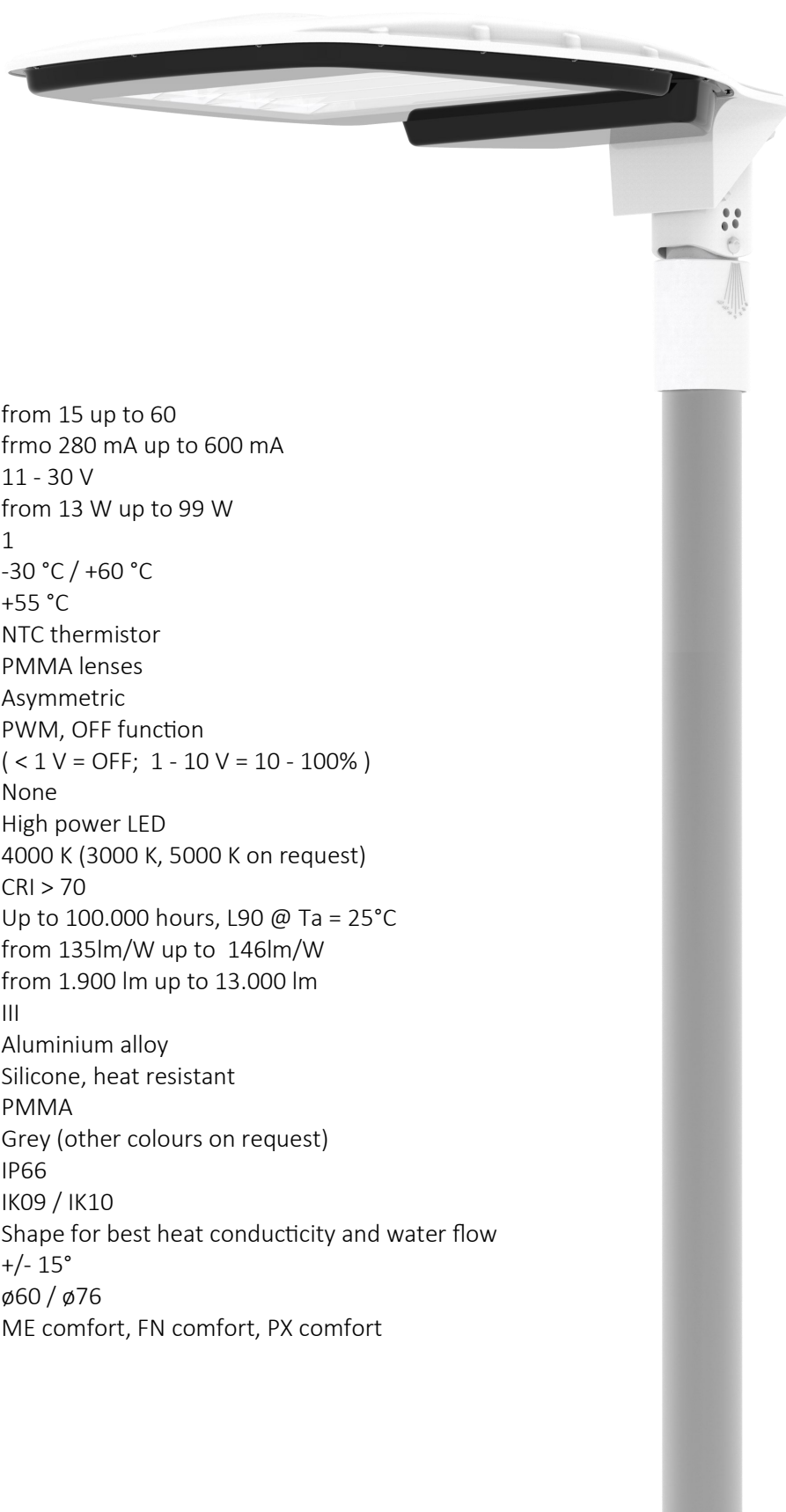


Technical Data Sheet

GRAH[®]
LED LIGHTING

Product info

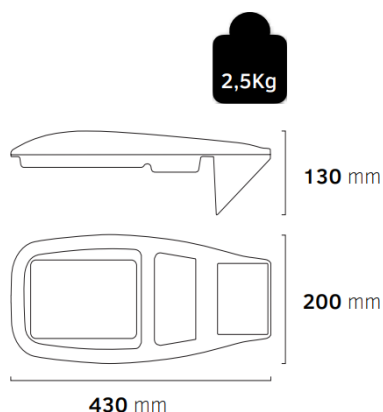
AEROLITE LSL DC



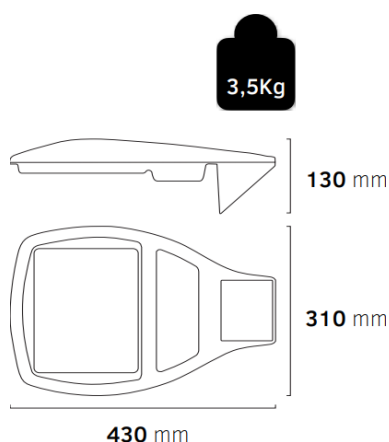
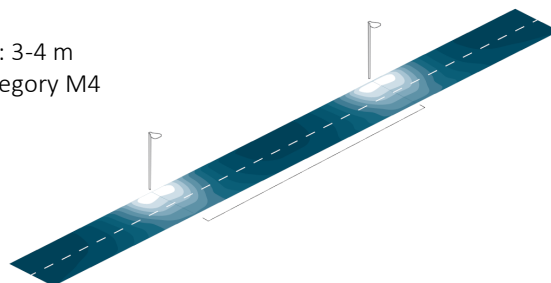
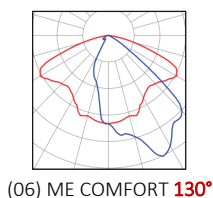
Number of LEDs:	from 15 up to 60
Driving current:	from 280 mA up to 600 mA
Supply voltage range:	11 - 30 V
System consumption:	from 13 W up to 99 W
Power factor:	1
Temperature range:	-30 °C / +60 °C
Working temperature at Ta25:	+55 °C
LEDs overheating protection:	NTC thermistor
Light guiding system:	PMMA lenses
Optics:	Asymmetric
Power reduction:	PWM, OFF function (< 1 V = OFF; 1 - 10 V = 10 - 100%)
Flicker:	None
Light source:	High power LED
Color temperature:	4000 K (3000 K, 5000 K on request)
Color rendering Index:	CRI > 70
LED Lifetime:	Up to 100.000 hours, L90 @ Ta = 25°C
System efficacy:	from 135lm/W up to 146lm/W
Lumen flux:	from 1.900 lm up to 13.000 lm
Appliance class:	III
Housing material:	Aluminium alloy
Sealing material:	Silicone, heat resistant
Cover material:	PMMA
Housing colour:	Grey (other colours on request)
Ingress protection class:	IP66
Impact resistance:	IK09 / IK10
Design:	Shape for best heat conductivity and water flow
Mounting angle adjustment:	+/- 15°
Variable mounting options:	ø60 / ø76
3 different optics:	ME comfort, FN comfort, PX comfort



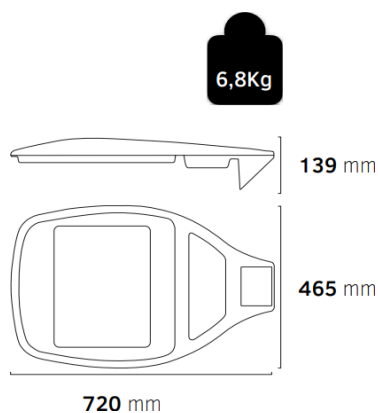
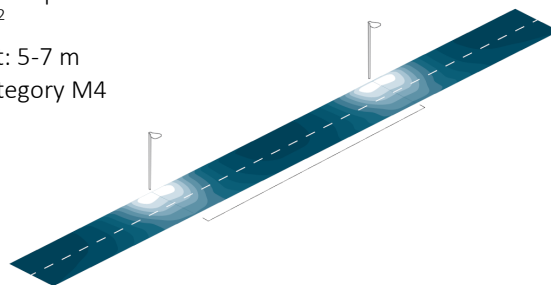
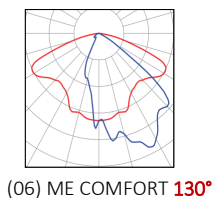
Product info



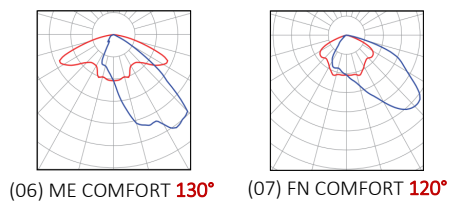
Number of LEDs: 15
 Driving current: from 280 mA up to 500 mA
 Consumption: from 13 W up to 23 W
 System efficacy: up to 146 lm/W
 Luminous flux: from 1.900 lm up to 2.900 lm
 Wind resistance: 0,0023 m²
 Suggested mounting height: 3-4 m
 Recommended for road category M4



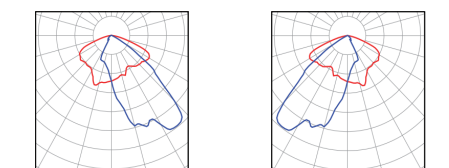
Number of LEDs: 30
 Driving current: from 300 mA up to 600 mA
 Consumption: from 27 W up to 59 W
 System efficacy: up to 144 lm/W
 Luminous flux: from 3.900 lm up to 6.800 lm
 Wind resistance: 0,0024 m²
 Suggested mounting height: 5-7 m
 Recommended for road category M4



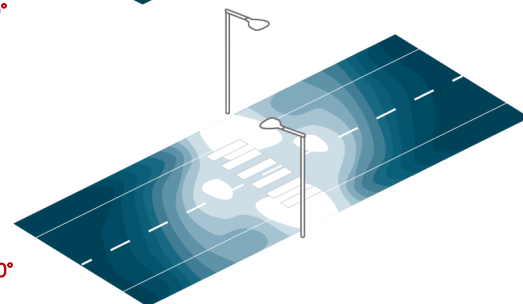
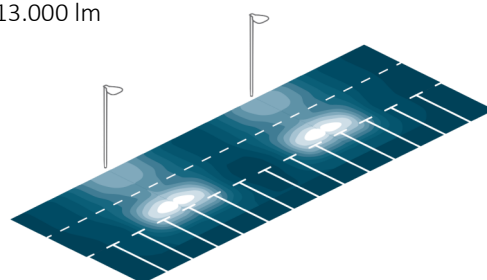
Number of LEDs: 60
 Driving current: from 400 mA up to 550 mA
 Consumption: from 77 W up to 99 W
 System efficacy: up to 135 lm/W
 Luminous flux: from 10.400 lm up to 13.000 lm
 Wind resistance: 0,0043 m²
 Suggested mounting height: 8-12 m



Recommended for road category M4



Recommended for pedestrian crossing



ID number structure

ID : 1271 - 0019 - 3064 - 6411

Code	Name	Code	Regulat.	Supply voltage	Code	Lum. Flux [lm]	Power [W]	Code	Optics	Code	Colour temp. [K]	Code	Housing Colour	Code	Size		
1271	AEROLITE LSL DC	0	ON/OFF	12 V or 24 V	019	1900	13	06	ME comfort	3	3000*	1	Grey	1	S		
					024	2400	18							06	ME comfort	2	M
					029	2900	23									6	Special
				039	3900	27											
				049	4900	37											
				059	5900	47											
				068	6800	59											
		4	PWM	24 V				06	ME comfort					4	4000	6	
								07	FN comfort					5	5000*		
								08	PX-L								
								09	PX-R								

*Luminous flux for 3000K and 5000K may vary, please contract our Sales department for detailed information.