



Suittilahdentien valaistussuunnittelu

Ylöjärvi

Contacts

NODEON

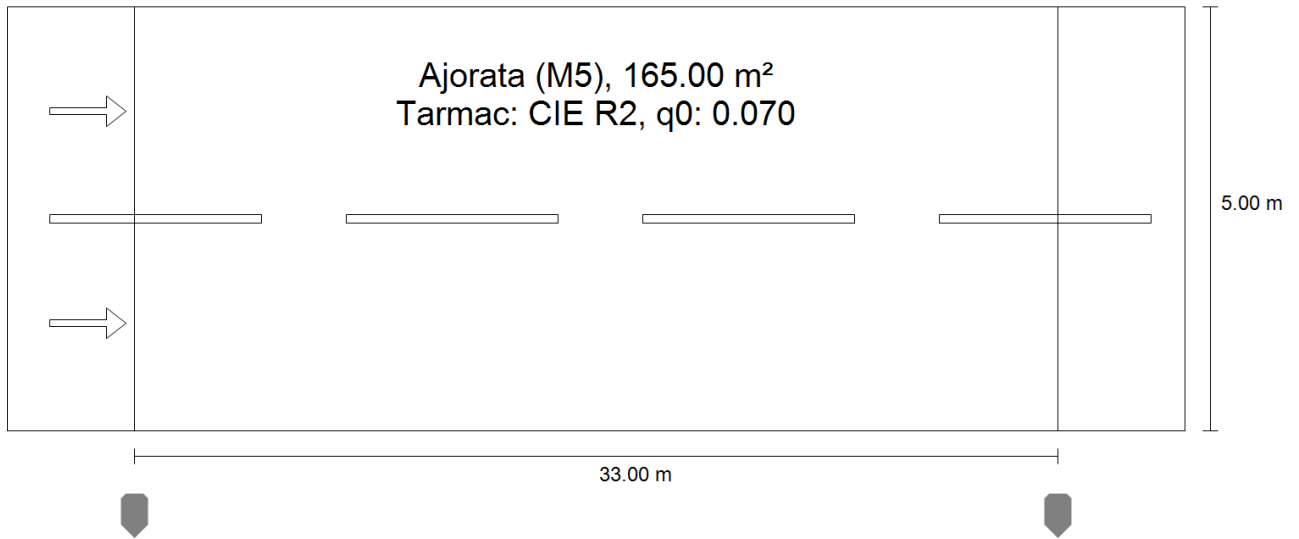
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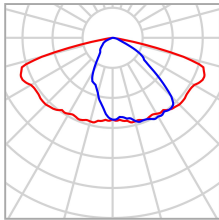
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Suittilahdentie

Summary (according to EN 13201:2015)



Suittilahdentie

Summary (according to EN 13201:2015)

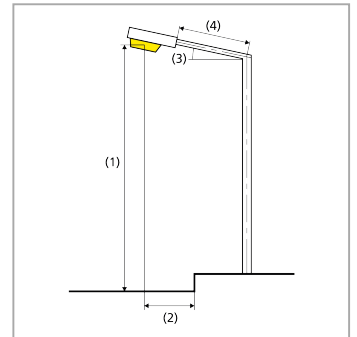
Manufacturer	SITECO	P	20.7 W
Article No.	5XE2D42B08JA	Φ_{Lamp}	3398 lm
Article name	Streetlight SL 21 mini, ST1.0a Comfort, 4000 K, DIM	$\Phi_{\text{Luminaire}}$	3398 lm
		η	100.00 %
Fitting	1x luminous flux: 25 % Output Level: 22 % 201 mA		

Suittilahdentie

Summary (according to EN 13201:2015)

Streetlight SL 21 mini, ST1.0a Comfort, 4000 K, DIM (single side bottom)

Pole distance	33.000 m
(1) Light spot height	6.000 m
(2) Light point overhang	-1.000 m
(3) Boom inclination	0.0°
(4) Boom length	0.000 m
Annual operating hours	4000 h: 100.0 %, 20.7 W
Wattage / route	621.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	$\geq 70^\circ$: 462 cd/klm $\geq 80^\circ$: 96.2 cd/klm $\geq 90^\circ$: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.6
MF	0.90



Suittilahdentie

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.90 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Ajorata (M5)	L_{av}	0.50 cd/m ²	≥ 0.50 cd/m ²	✓
	U_o	0.45	≥ 0.35	✓
	U_I	0.45	≥ 0.40	✓
	TI	15 %	≤ 15 %	✓
	$R_{EI}^{(2)}$	0.49	≥ 0.40	✓

(2) Setpoint changed by the planner, deviant to the norm

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Suittilahdentie	D_p	0.016 W/lx*m ²	-
Streetlight SL 21 mini, ST1.0a Comfort, 4000 K, DIM (single side bottom)	D_e	0.5 kWh/m ² yr	82.8 kWh/yr