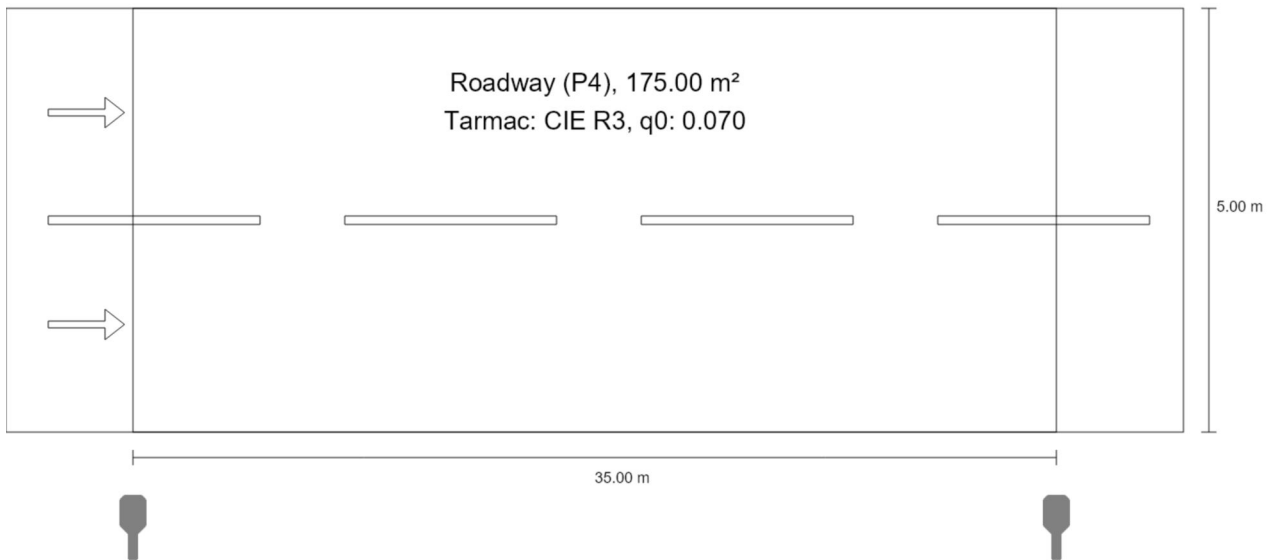




s. Borogani r.Leova

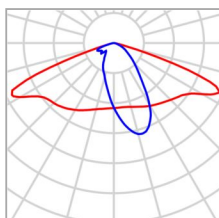
s. Borogani r.Leova

Summary (according to EN 13201:2015)



s. Borogani r.Leova

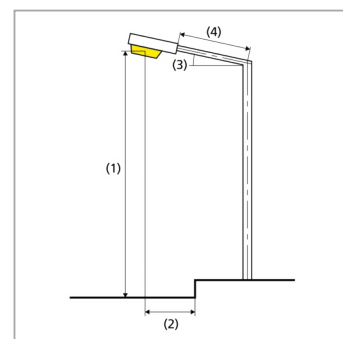
Summary (according to EN 13201:2015)



Manufacturer	LUG Light Factory	P	19.0 W
Article No.	130292.5L021.010	Φ_{Lamp}	-
Article name	TRAFFIK LED ED 19W 2750lm 4000K IP66 O27 - gray I	$\Phi_{\text{Luminaire}}$	2749 lm
Fitting	1x LED	η	-

TRAFFIK LED ED 19W 2750lm 4000K IP66 O27 - gray I (single side bottom)

Pole distance	35.000 m
(1) Light spot height	8.500 m
(2) Light point overhang	-1.000 m
(3) Boom inclination	0.0°
(4) Boom length	0.500 m
Annual operating hours	4000 h: 100.0 %, 19.0 W
Wattage / route	551.0 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.	$\geq 70^\circ$: 602 cd/klm $\geq 80^\circ$: 22.8 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*3
Glare index class	D.6
MF	0.80



s. Borogani r.Leova

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

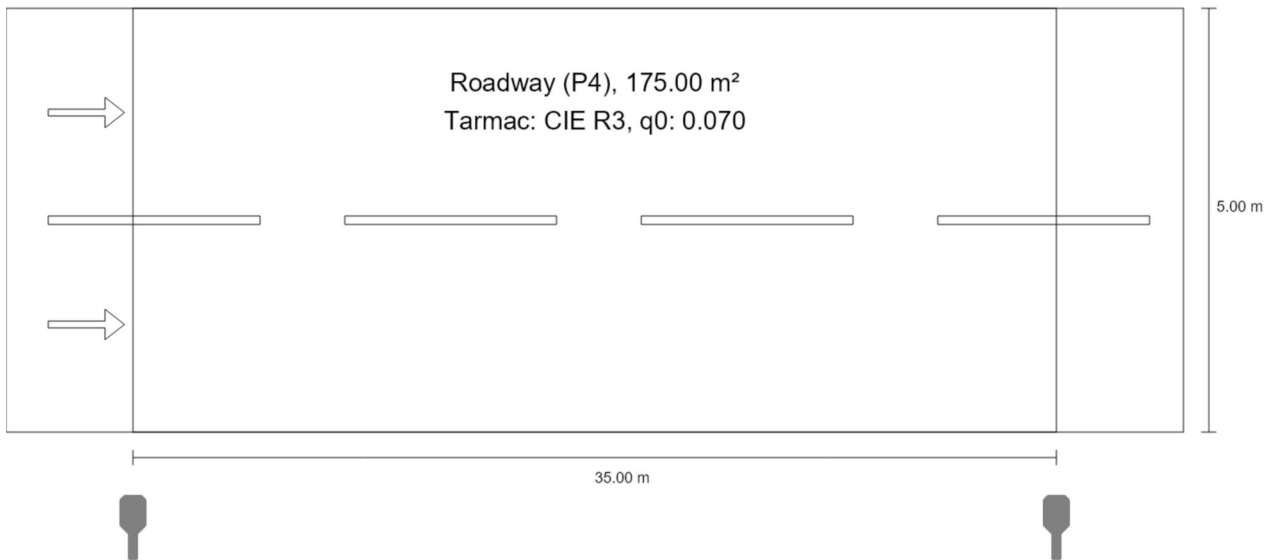
	Symbol	Calculated	Target	Check
Roadway (P4)	E_{av}	5.79 lx	[5.00 - 7.50] lx	✓
	E_{min}	3.02 lx	≥ 1.00 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
s. Borogani r.Leova	D_p	0.019 W/lx*m ²	-
TRAFFIK LED ED 19W 2750lm 4000K IP66 O27 - gray I (single side bottom)	D_e	0.4 kWh/m ² yr	76.0 kWh/yr

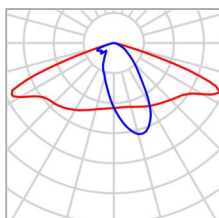
s. Borogani r.Leova_2

Summary (according to EN 13201:2015)



s. Borogani r.Leova_2

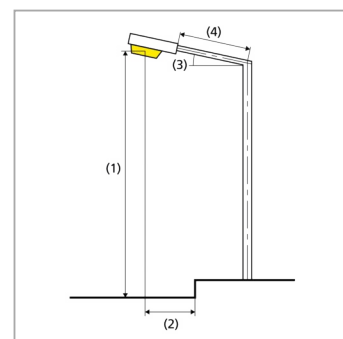
Summary (according to EN 13201:2015)



Manufacturer	LUG Light Factory	P	19.0 W
Article No.	130292.5L021.010	Φ_{Lamp}	-
Article name	TRAFFIK LED ED 19W 2750lm 4000K IP66 O27 - gray I	$\Phi_{Luminaire}$	2749 lm
Fitting	1x LED	η	-

TRAFFIK LED ED 19W 2750lm 4000K IP66 O27 - gray I (single side bottom)

Pole distance	35.000 m
(1) Light spot height	6.500 m
(2) Light point overhang	-1.000 m
(3) Boom inclination	0.0°
(4) Boom length	0.500 m
Annual operating hours	4000 h: 100.0 %, 19.0 W
Wattage / route	551.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities	$\geq 70^\circ$: 602 cd/klm
Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	$\geq 80^\circ$: 22.8 cd/klm $\geq 90^\circ$: 0.00 cd/klm
Luminous intensity class	G*3
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.	
Glare index class	D.6
MF	0.80



s. Borogani r.Leova_2

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Roadway (P4)	E_{av}	6.23 lx	[5.00 - 7.50] lx	✓
	E_{min}	1.71 lx	≥ 1.00 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
s. Borogani r.Leova_2	D_p	0.017 W/lx*m ²	-
TRAFFIK LED ED 19W 2750lm 4000K IP66 O27 - gray I (single side bottom)	D_e	0.4 kWh/m ² yr	76.0 kWh/yr