



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΔΗΜΟΣ ΛΕΒΑΔΕΩΝ
Δ/ΝΣΗ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ

ΕΡΓΟ : ΕΝΙΣΧΥΣΗ ΠΡΟΣΒΑΣΙΜΟΤΗΤΑΣ ΠΕΖΩΝ ΣΤΟ ΠΛΑΙΣΙΟ
ΒΙΩΣΙΜΗΣ ΑΣΤΙΚΗΣ ΚΙΝΗΤΙΚΟΤΗΤΑΣ ΜΕ ΑΡΧΕΣ
ΒΙΟΚΛΙΜΑΤΙΚΟΥ ΣΧΕΔΙΑΣΜΟΥ ΣΕ ΠΕΖΟΔΡΟΜΙΑ ΟΔΟΥ
ΚΑΡΑΓΙΑΝΝΟΠΟΥΛΟΥ ΣΤΗ ΠΟΛΗ ΤΗΣ ΛΙΒΑΔΕΙΑΣ

ΑΡ. ΜΕΛΕΤΗΣ : 09 /18-02-2025
ΠΡΟΫΠΟΛΟΓΙΣΜΟΣ 312.500,00 € ΜΕ Φ.Π.Α.

ΦΩΤΟΤΕΧΝΙΚΗ ΜΕΛΕΤΗ

Λιβαδειά 18 / 02 / 2025

Συντάχθηκε

Χατζόπουλος Παρ.

Ηλεκτρολόγος Μηχ.

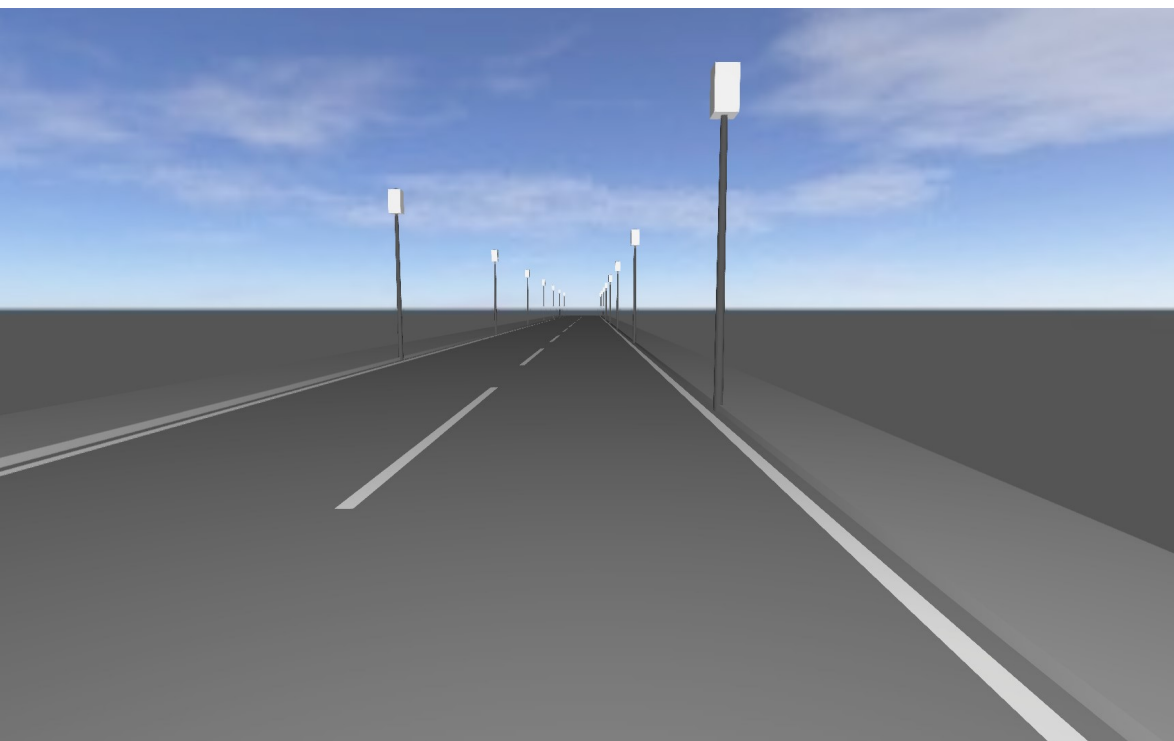
Λιβαδειά 18 / 02 / 2025

Θεωρήθηκε

Ο Πρ/νος Δ/νσης Τ.Υ.Δ.Λ.

Νταλιάνης Χρήστος

Τοπογράφος Μηχ.



2 Οδός Καραγιαννοπούλου (Συνέχεια)

Φωτιστικό Stylage ισχύος 27.6W

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Product data sheets

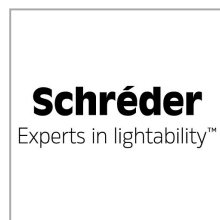
Schröder - STYLAGÉ 5308 Flat glass 20 LH351C@430mA WW 730 230V - 540982	3
(1x 20 LH351C@430mA WW 730 230V)	

Street 1 · Alternative 1

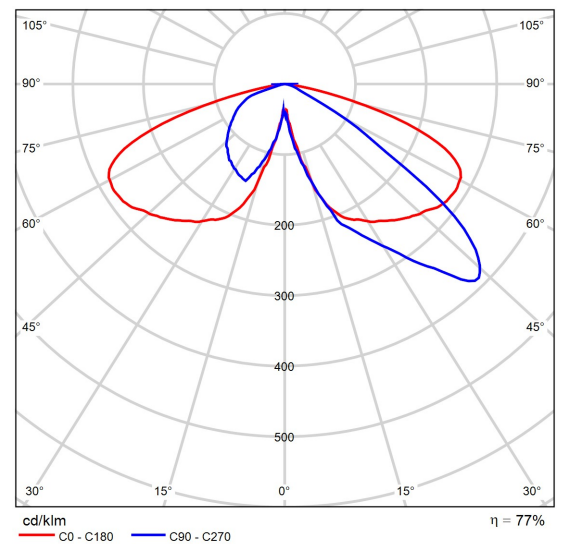
Summary (according to EN 13201:2015)	4
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Product data sheet

Schröder - STYLAGÉ 5308 Flat glass 20 LH351C@430mA WW 730 230V - 540982



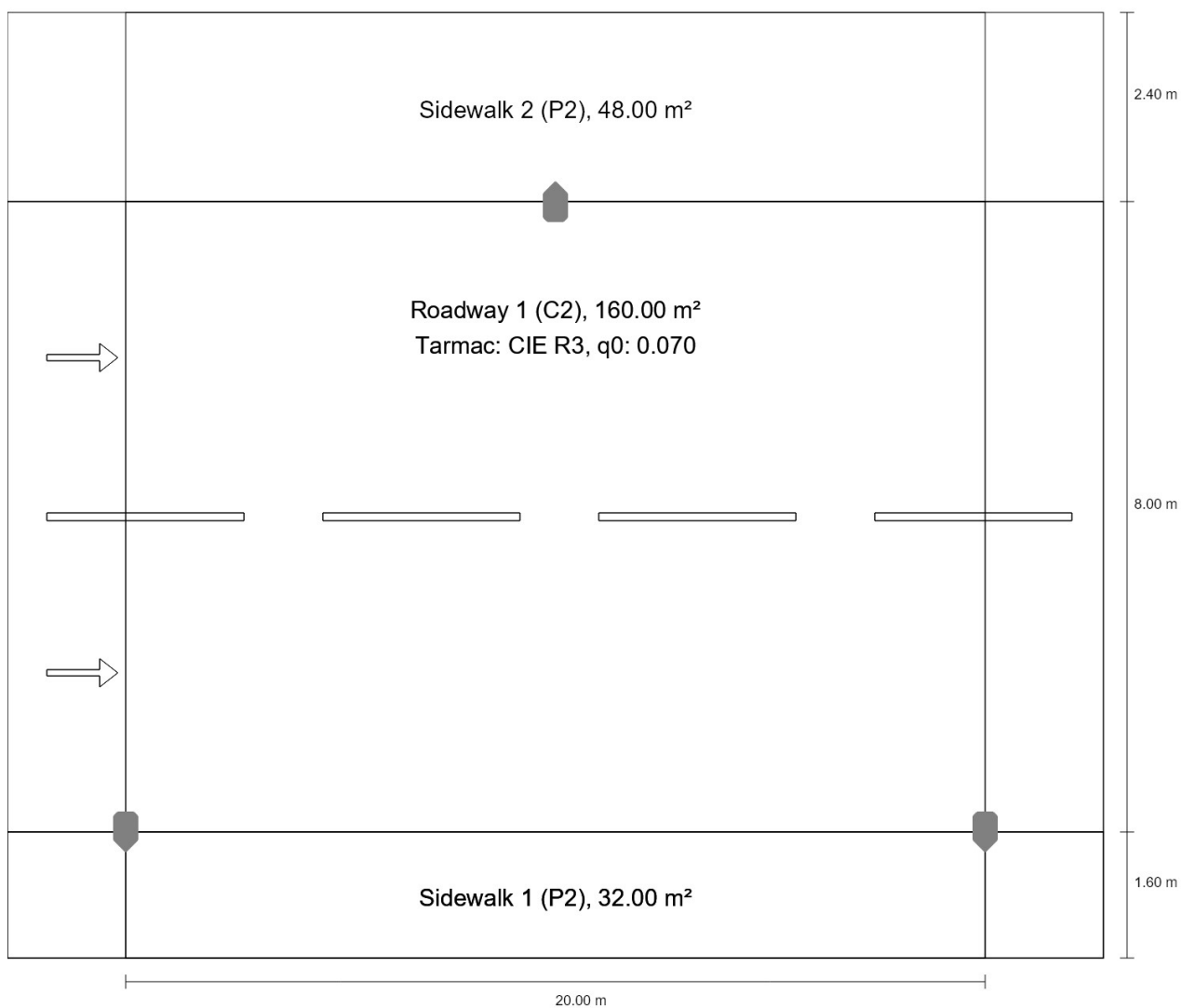
Article No.	540982
P	27.6 W
Φ_{Lamp}	4412 lm
$\Phi_{\text{Luminaire}}$	3397 lm
η	76.99 %
Luminous efficacy	123.1 lm/W
CCT	3000 K
CRI	70



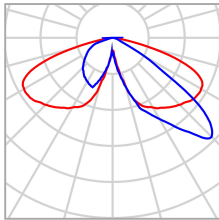
Polar LDC

Street 1

Summary (according to EN 13201:2015)



Street 1

Summary (according to EN 13201:2015)

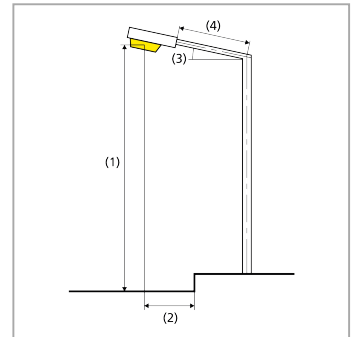
Manufacturer	Schröder	P	27.6 W
Article No.	540982	Φ_{Lamp}	4412 lm
Article name	STYLAGE 5308 Flat glass 20 LH351C@430mA WW 730 230V - 540982	$\Phi_{\text{Luminaire}}$	3397 lm
		η	76.99 %
Fitting	1x 20 LH351C@430mA WW 730 230V		

Street 1

Summary (according to EN 13201:2015)

STYLAGE 5308 Flat glass 20 LH351C@430mA WW 730 230V - 540982 (both sides offset)

Pole distance	20.000 m
(1) Light spot height	4.500 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	0.000 m
Annual operating hours	4000 h: 100.0 %, 27.6 W
Wattage / route	2760.0 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.	$\geq 70^\circ$: 384 cd/klm $\geq 80^\circ$: 50.0 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	0.80



Street 1

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
Sidewalk 2 (P2)	E_{av}	11.42 lx	[10.00 - 15.00] lx	✓
	E_{min}	3.61 lx	≥ 2.00 lx	✓
Roadway 1 (C2)	E_{av}	22.21 lx	≥ 20.00 lx	✓
	U_o	0.49	≥ 0.40	✓
	$TI^{(1)}$	10 %	–	
Sidewalk 1 (P2)	E_{av}	12.95 lx	[10.00 - 15.00] lx	✓
	E_{min}	4.82 lx	≥ 2.00 lx	✓

(1) Informative, not part of the valuation

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Street 1	D_p	0.012 W/lx*m ²	–
STYLAGE 5308 Flat glass 20 LH351C@430mA WW 730 230V - 540982 (both sides offset)	D_e	0.9 kWh/m ² yr	220.8 kWh/yr