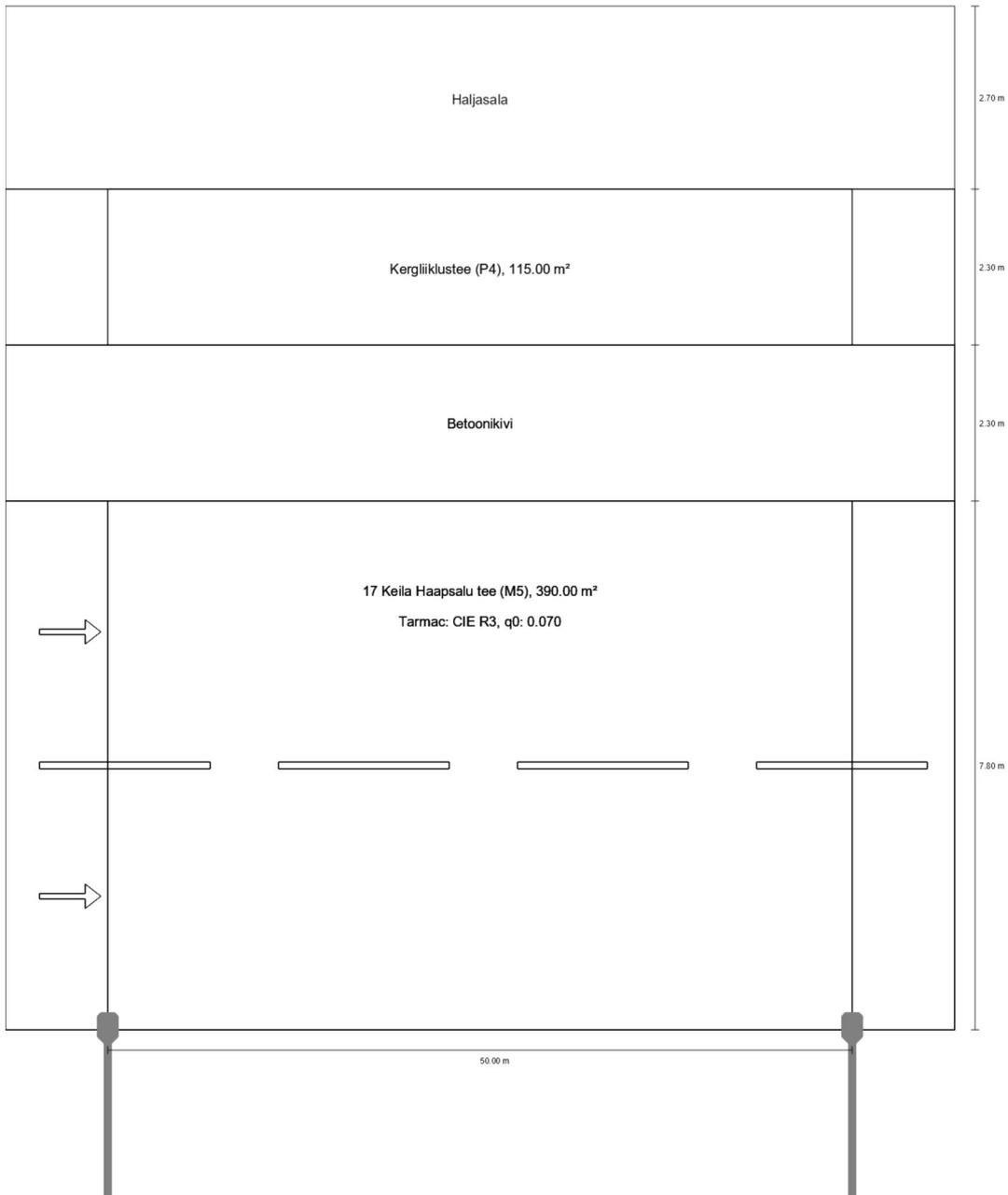


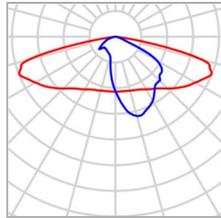
Street 1

Summary (according to EN 13201:2015)



Street 1

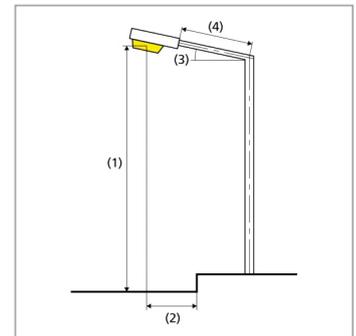
Summary (according to EN 13201:2015)



Manufacturer	Vizulo	P	85.0 W
Article No.	6000970498 MRS 085 730 V22 AF048	Φ_{Lamp}	11218 lm
Article name	Mini Martin 85 W 48 LED	$\Phi_{\text{Luminaire}}$	11218 lm
Fitting	1x 48 LED MOD AF	η	100.00 %

Mini Martin 85 W 48 LED (single side bottom)

Pole distance	50.000 m
(1) Light spot height	10.000 m
(2) Light point overhang	-0.001 m
(3) Boom inclination	5.0°
(4) Boom length	2.500 m
Annual operating hours	4000 h: 100.0 %, 85.0 W
Wattage / route	1700.0 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.	$\geq 70^\circ$: 598 cd/klm $\geq 80^\circ$: 351 cd/klm $\geq 90^\circ$: 3.26 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.	-
Glare index class	D.3
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
Kergliiklustee	E_{av}	5.37 lx	[5.00 - 7.50] lx	✓
	E_{min}	4.11 lx	≥ 1.00 lx	✓
17 Keila Haapsalu tee (M5)	L_{av}	0.71 cd/m ²	≥ 0.50 cd/m ²	✓
	U_o	0.51	≥ 0.35	✓
	U_l	0.66	≥ 0.40	✓
	TI	12 %	≤ 15 %	✓
	R_{EI}	0.47	≥ 0.30	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Street 1	D_p	0.019 W/lx*m ²	-
Mini Martin 85 W 48 LED (single side bottom)	D_e	0.7 kWh/m ² yr	340.0 kWh/yr