

Date:  
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## **Miera iela, Tilts**

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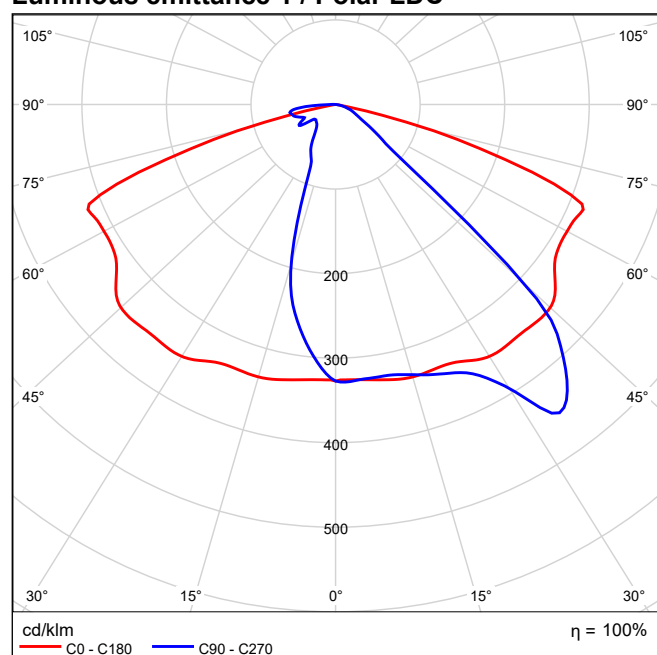
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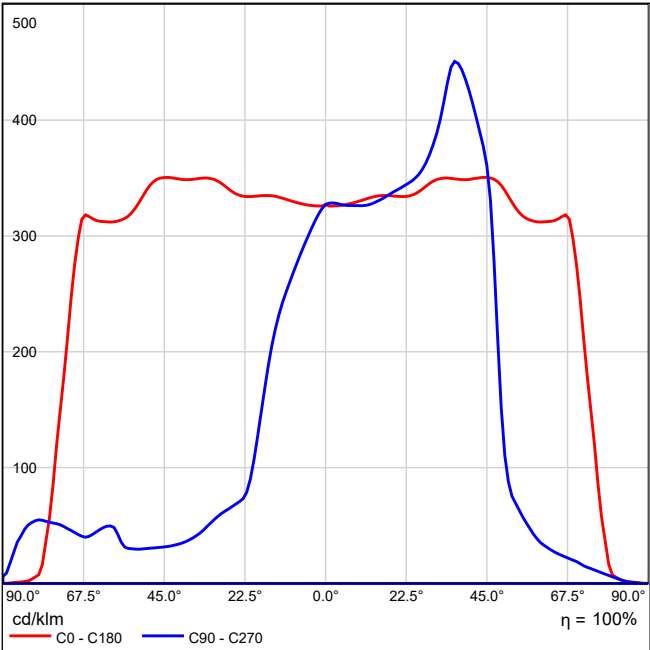
**ZPSO ROSA 222339/3/ME Cuddle 120W 3500K ME 1xCree XP-L 120W 3500K**

See our luminaire  
catalog for an image of  
the luminaire.

Light output ratio: 99.99%  
Lamp luminous flux: 14950 lm  
Luminaire luminous flux: 14948 lm  
Power: 129.0 W  
Luminous efficacy: 115.9 lm/W

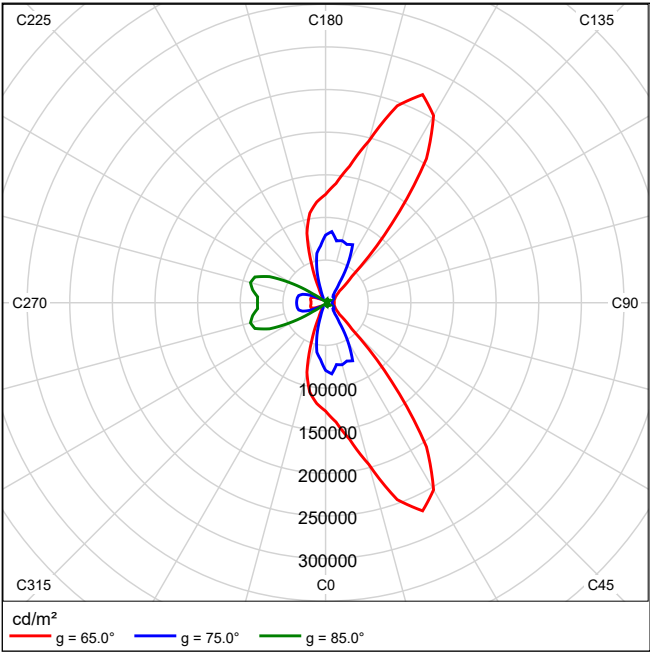
**Luminous emittance 1 / Polar LDC**

Luminous emittance 1 / Linear LDC



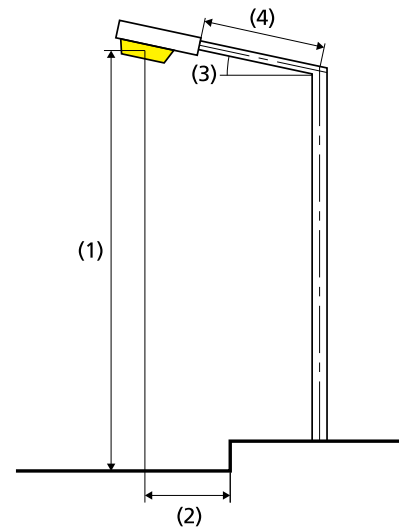
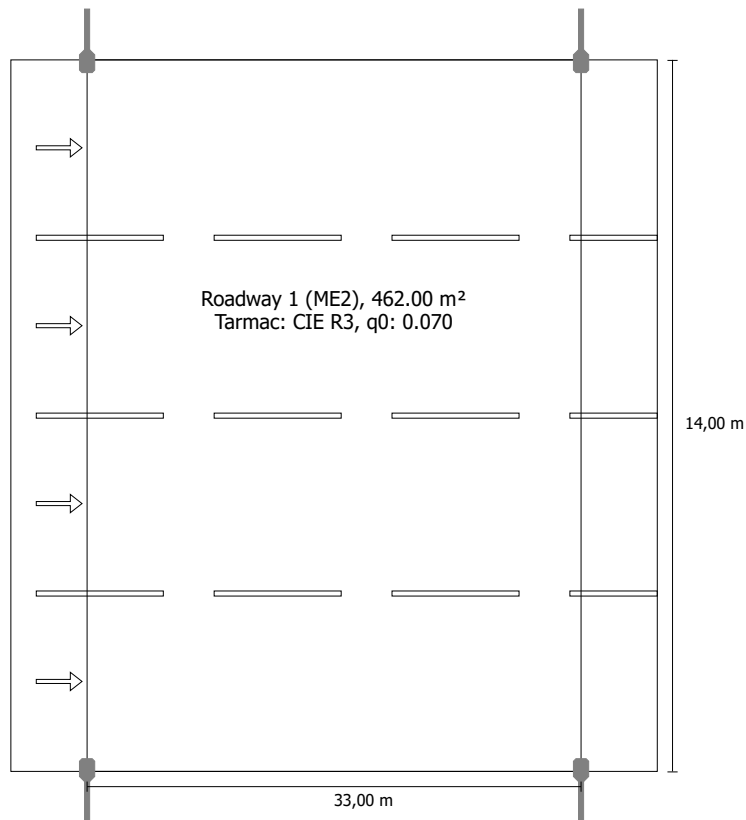
It is not possible to generate a cone diagram, as the light distribution is asymmetrical.

Luminous emittance 1 / Luminance diagram



It is not possible to generate a UGR diagram, as the light distribution is asymmetrical.

## Street 1 according to EN 13201:2004

ZPSO ROSA 222339/3/ME Cuddle 120W 3500K ME  
1xCree XP-L 120W 3500K

Luminous flux (luminaire):	14947.92 lm
Luminous flux (lamp):	14950.00 lm
Luminaire Wattage:	129.0 W
W/km:	7740.0
Arrangement:	both sides opposite
Pole distance:	33.000 m
Boom inclination (3):	0.0°
Boom length (4):	1.000 m
Light centre height (1):	10.000 m
Light overhang (2):	0.000 m

ULR:	0.00
ULOR:	0.00

## Maximum luminous intensities

at 70°:	493 cd/klm
at 80°:	55.2 cd/klm
at 90°:	6.10 cd/klm

Luminous intensity class: G.3

Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.

Arrangement complies with glare index class D.0

## Results for valuation fields

Maintenance factor: 0.80

## Roadway 1 (ME2)

Lm [cd/m <sup>2</sup> ] ≥ 1.50	Uo ≥ 0.40	UI ≥ 0.70	TI [%] ≤ 10	SR ≥ 0.50
✓ 1.94	✓ 0.66	✓ 0.81	✓ 7	✓ 0.54

Roadway 1 (ME2)

Maintenance factor: 0.80  
Grid: 11 x 12 Points  
Selected Lighting Class: ME2

Lm [cd/m²] ≥ 1.50	Uo ≥ 0.40	UI ≥ 0.70	TI [%] ≤ 10	SR ≥ 0.50
✓ 1.94	✓ 0.66	✓ 0.81	✓ 7	✓ 0.54

Assigned Observer (4):

Observer	Position [m]	Lm [cd/m²] ≥ 1.50	Uo ≥ 0.40	UI ≥ 0.70	TI [%] ≤ 10
Observer 1	(-60.000, 1.750, 1.500)	1.94	0.66	0.85	7
Observer 2	(-60.000, 5.250, 1.500)	1.96	0.75	0.81	7
Observer 3	(-60.000, 8.750, 1.500)	1.96	0.75	0.85	7
Observer 4	(-60.000, 12.250, 1.500)	1.95	0.68	0.86	6