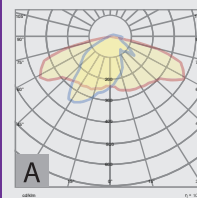




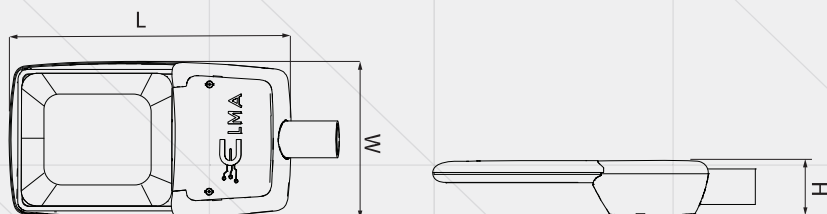
## ELMARO

**ElmaRO** is a street lighting fixture, made entirely of plastics. Heat transfer is performed using a new technology, based on the injection of thermally conductive plastic based on graphite.

# ELMARO



- Installation: Street lighting
- Colour temperature: warm, neutral, cold
- Colour rendering index: CRI > 70
- Ingress protection: IP66
- Power supply: 230 V / 50 Hz
- Safety class: I
- Light distribution: A
- Operating temperature range: - 30°C . . . + 50°C
- Pipe mounting: Ø 48 - 60 mm



Code	Nominal power	Diffuser	Luminous flux	Dimensions; Weight ( L x l x h );( kg )	Observations
RS 82053-001 *	35 W	polycarbonate diffuser/ PMMA lens	5430 lm	465 x 257 x 105 mm 3,2 kg	-
RS 82053-002 **	50 W	polycarbonate diffuser/ PMMA lens	7500 lm	465 x 257 x 105 mm 3,6 kg	-
RS 82053-001D *	35 W	polycarbonate diffuser/ PMMA lens	5430 lm	465 x 257 x 105 mm 3,3 kg	dimnable
RS 82053-002D **	50 W	polycarbonate diffuser/ PMMA lens	7500 lm	465 x 257 x 105 mm 3,8 kg	dimnable

\*At customer's request the power may have values between 18-35W

\*\*At customer's request the power may have values between 30-50W

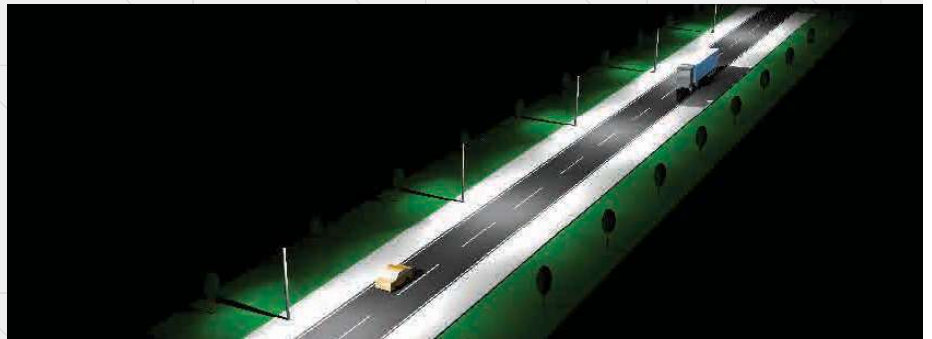
Compliance standards :  
 SR EN 60598-1:2015  
 +AC:2016  
 SR EN 60598-2-3:2004  
 +A1:2012  
 SR EN 62031:2009+A1:2013  
 +A2:2015 art. 13.2 si 15  
 SR EN 55015:2014+A1:2015  
 SR EN 61000-3-2:2015  
 SR EN 61000-3-3:2014  
 SR EN 61547:2010



## ELMARO

### Calculation area list

Evaluation field: Street 1  
 Length: 40.000 m, Width: 7.000 m  
 Raster: 12 x 6 Points  
 Attached street elements: Street 1.  
 Covering: R3,  $q_0$ : 0.070  
 Selected illumination class: ME4



(All photometric requirements are met.)

Calculated values:  
 Necessary values according to class:  
 Acquired/ Not acquired:

Lm [ $\text{cd}/\text{m}^2$ ]	U0	UI	TI [%]	SR
0.75	0.61	0.80	13	0.60
$\geq 0.75$	$\geq 0.40$	$\geq 0.50$	$\leq 15$	$\geq 0.50$
✓	✓	✓	✓	✓

## ELMARO

### Calculation area list

Evaluation field: Street 1  
 Length: 40.000 m, Width: 7.000 m  
 Raster: 14 x 6 Points  
 Attached street elements: Street 1.  
 Covering: R3,  $q_0$ : 0.070  
 Selected illumination class: ME3



(All photometric requirements are met.)

Calculated values:  
 Necessary values according to class:  
 Acquired/ Not acquired:

Lm [ $\text{cd}/\text{m}^2$ ]	U0	UI	TI [%]	SR
1.52	0.60	0.74	8	0.60
$\geq 1.50$	$\geq 0.40$	$\geq 0.70$	$\leq 10$	$\geq 0.50$
✓	✓	✓	✓	✓