

## **RUA** **CV50M**

50W LED street light



HIGH EFFICIENCY  
138 lm/W



TRIDONIC

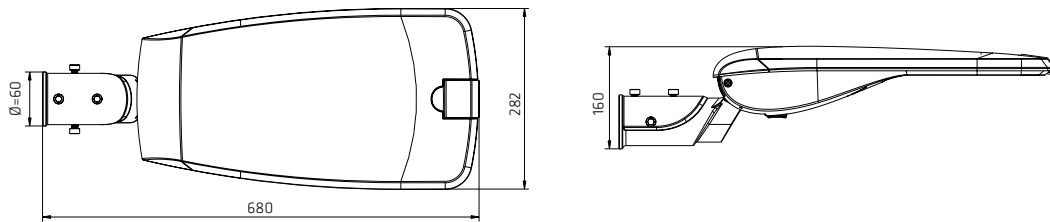
## SPECIFICATIONS · PRODUCT DATA

Electrical data	
Input	220 ~ 240 Vac
Mains frequency	50/60Hz
Current	500mA
Power	50 W
Power factor	> 0,95
LED	3030 Nichia
LEDs n°	90 LEDs
LED power	0,56 W
IEC protection class	Clase II
Surge protection device	10kV / 10kA
Working temp	-20°C ~ +45°C
Photometric data	
Luminous efficiency	159 / 138 lm/W
CRI (Ra)	> 70*
Luminous lux (Nominal / Real) CCT	7936 lm · 6878 lm · 5000K · BF 7558 lm · 6550 lm · 4000K · BN 7028 lm · 6091 lm · 2700 K · BC
Switchovers n°	60.000
Energy efficiency	A++
Working life	100.000h (L80B10)
Materials and physical characteristics	
Body	Aluminum alloy
Diffuser	Tempered glass
Lens	PMMA
Closing system	Stainless steel
Sealing gasket	Neoprene
Bracket	Aluminum alloy
Finish	Silver RAL 9006
Characteristics	
IP Rating	IP66
IK Rating	IK08
UH	0%
Flicker	No
Options	
Dimming option	Optional (See table)
Packaging	
Packaging measurements	700 X 350 X 145
Packaging weight (kg)	8100
Units (units/box)	1 units
Certificates	



\* CRI > 80 to order

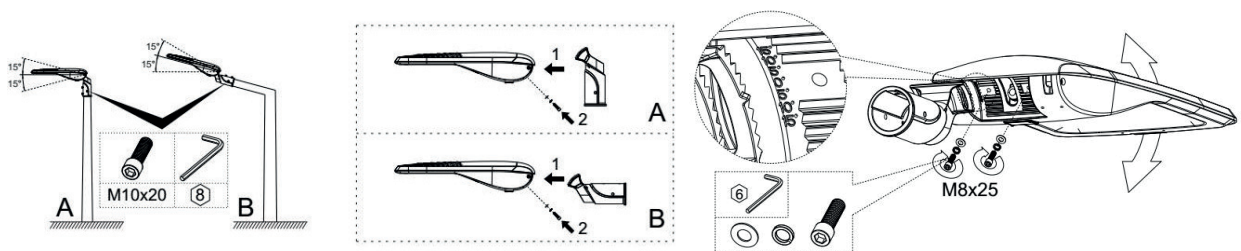
## Measurements in mm



## Physical characteristics

Measurements in mm (length x width x height)	680 x 282 x 160
Effective projected wind surface area	8792 cm <sup>2</sup>
Weight (gr)	6200
Spigots diameter mm	60

## Installation way / Mounting positions



It is possible to set the inclination angle for the street light from the horizontal position: 15 degrees up and 15 degrees down.

Tilt options: -15°, -10°, -5°, 0°, 5°, 10°, 15°.

## Spigots references

A wide range of adapters is available for coupling the head to different diameters of columns and arms. In addition, there is the possibility of a special accessory for direct fixing on the wall.

The default luminaire comes with the 60mm fixation system (ref ACV60).

REF: ACV34



Diameter: 34mm

REF: ACV42



Diameter: 42mm

REF: ACV60



Diameter: 60mm

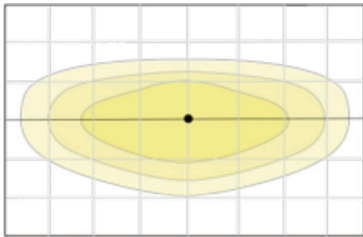
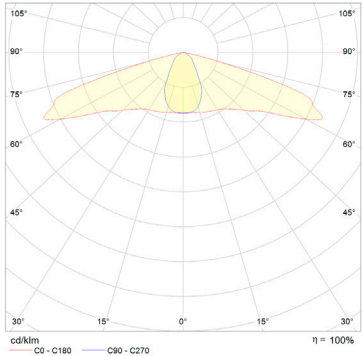
REF: ACV76



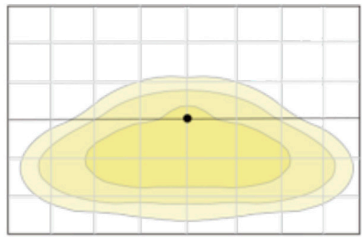
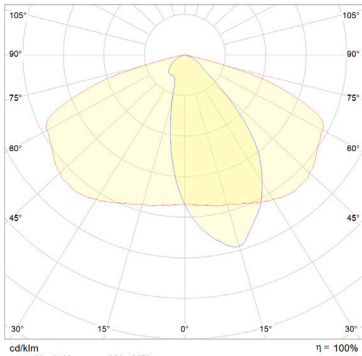
Diameter: 76mm

Optics

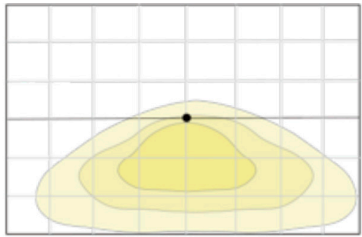
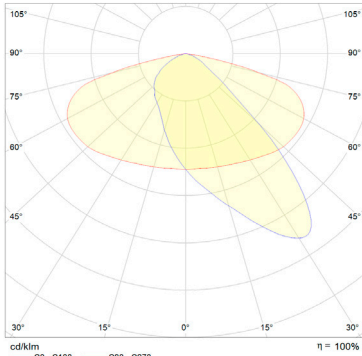
A1



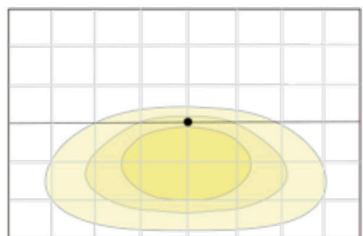
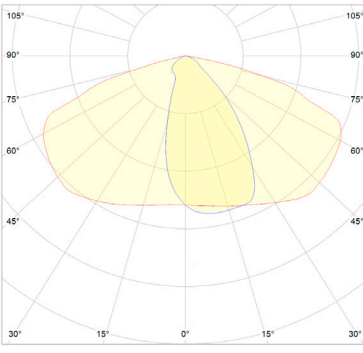
A2








A3




A4



## References

		W	N° LED			CCT	CRI	
CVM001.A1.**	M	50W	90 LED	6878 lm	10kV	5000K	>80	A1
CVM002.A1.**	M	50W	90 LED	6550 lm	10kV	4000K	>80	A1
CVM003.A1.**	M	50W	90 LED	6091 lm	10kV	2700K	>80	A1
CVM001.A2.**	M	50W	90 LED	6878 lm	10kV	5000K	>80	A2
CVM002.A2.**	M	50W	90 LED	6550 lm	10kV	4000K	>80	A2
CVM003.A2.**	M	50W	90 LED	6091 lm	10kV	2700K	>80	A2
CVM001.A3.**	M	50W	90 LED	6878 lm	10kV	5000K	>80	A3
CVM002.A3.**	M	50W	90 LED	6550 lm	10kV	4000K	>80	A3
CVM003.A3.**	M	50W	90 LED	6091 lm	10kV	2700K	>80	A3
CVM001.A4.**	M	50W	90 LED	6878 lm	10kV	5000K	>80	A4
CVM002.A4.**	M	50W	90 LED	6550 lm	10kV	4000K	>80	A4
CVM003.A4.**	M	50W	90 LED	6091 lm	10kV	2700K	>80	A4

## \*\*Dimming options

	Dimming
SR	No Dimming
DN2-	Double dimming level without control line
DN2+	Double dimming level with control line
D110	1-10V dimming
DA	DALI dimming
DPR	Programmable dimming
DRC	Dialog Room Controller dimming