



**Versioni disponibili**

CODICE	NUMERO LED	POTENZA APPARECCHIO @ Tq=25°C [W]**	CORRENTE LED [mA]	FLUSSO NOMINALE LED @ Tj=85°C [lm]*	FLUSSO APPARECCHIO @ Tq=25°C [lm]**	EFFICIENZA APPARECCHIO @ Tq=25°C [lm/W]**	A [mm]	PESO [kg]	LATERALE/PIANTA SUPERFICIE [mm <sup>2</sup> ]
WL24	24	24	330	3550	3220	134	299	8,25	0,03 / 0,10
WL30	24	30	400	4220	3820	127			
WL36	24	36	480	4970	4460	124			
WL42	24	42	550	5610	5020	119			
WL60	24	60	800	7740	6790	113			
WL72	48	72	480	9940	8880	123	446	10,35	0,05 - 0,15
WL84	48	84	550	11210	9950	118			

\* Dati estrapolati da quelli rilasciati dal costruttore del LED

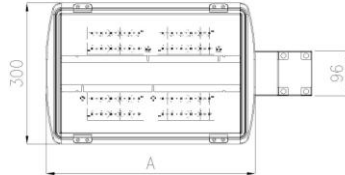
\*\* Dati estrapolati da rilievi fotometrici eseguiti c/o laboratorio accreditato eseguiti in conformità allo standard UNI EN 13032-4

I valori indicati in questa scheda tecnica sono da considerarsi valori nominali con una tolleranza del +/-5%.

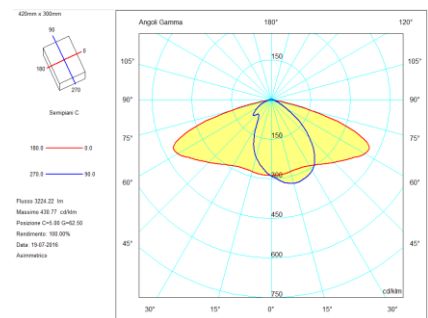
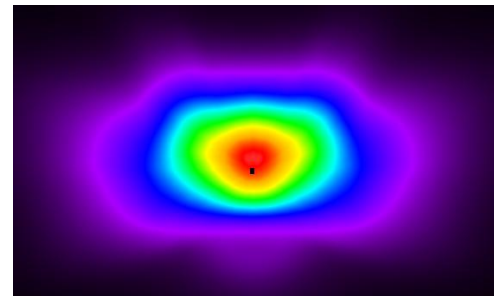
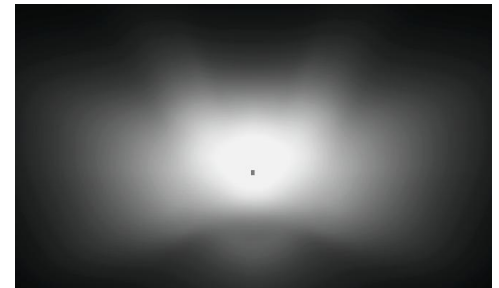
Al fine di favorire un costante aggiornamento dei propri prodotti, Western CO si riserva il diritto di apportare modifiche senza preavviso.

# W-LIGHT LED Luminaire

## Street LED Luminaire for Solar Energy applications



LIGHTING FEATURES	
LED source efficacy @ I <sub>f</sub> =350mA, T <sub>j</sub> =25°C [lm/W]	176,3
Color temperature	4000K
Minimum CRI (color rendering index)	70
IESNA TM-21 LED useful lifetime @ I <sub>f</sub> =1000mA	> 100.000 hours @ L80(6k) –Tsp=85°C
Optic	Asymmetric for street lighting
Photometric classification CIE 1965	Semi Cut-off
ELECTRICAL FEATURES	
Power supply	10 ±30 VDC
Electrical insulation class	III (SELV)
LED current [mA]	330 / 400 / 480 / 550 / 800
Connection	3 conductors (+VDC, -VDC, DIM) IP68 connector with cable: max section 4mm <sup>2</sup> max total diameter 13,5mm
Luminous flux reduction	Automatic or controlled from Western CO PV charge regulator
Luminous flux reduction value	-30%
LED thermal protection	Control of heatsink temperature
GENERAL FEATURES	
Protection degree	IP 65
Impact resistance degree	IK08
Dimensions [mm]	300 x A x 84 A = 299 / 446
Weight [Kg]	8,25 / 10,35
Side surface [m <sup>2</sup> ]	0,03 / 0,05
Top surface [m <sup>2</sup> ]	0,10 / 0,15
Fixing	Bracket Ø60mm
Tilt angle	No
Omologations	CE Mark
Warranty [years]	5
MATERIALS	
Pole or bracket coupling system	Cataphoresis treatment and varnished steel
Heatsink body	Anodized extruded aluminum
Caps	Varnished die-cast aluminum
Screen	Tempered extra-clear 4mm thick
Optic	PMMA (polymethylmethacrylate)
Decorative accessory	Blue decorative LED 5mm 15° installed on the road side cap



**Available versions**

CODE	NUMBER OF LEDs	LUMINAIRE POWER @ Tq=25°C [W]**	LED CURRENT [mA]	NOMINAL LED FLUX @ Tj=85°C [lm]*	LUMINAIRE FLUX @ Tq=25°C [lm]**	LUMINAIRE EFFICIENCY @ Tq=25°C [lm/W]**	A [mm]	WEIGHT [kg]	SIDE-TOP SURFACE [mm <sup>2</sup> ]
WL24	24	24	330	3550	3220	134	299	8,25	0,03 / 0,10
WL30	24	30	400	4220	3820	127			
WL36	24	36	480	4970	4460	124			
WL42	24	42	550	5610	5020	119			
WL60	24	60	800	7740	6790	113			
WL72	48	72	480	9940	8880	123	446	10,35	0,05 - 0,15
WL84	48	84	550	11210	9950	118			

\* Rated data extrapolated from LED manufacturer datasheet

\*\* Rated data extrapolated from photometric measures executed in an accredited laboratory according to UNI EN 13032-4 rule

The indicated values on this technical sheet are to be considered rated values subjected to a tolerance of +/-5%.  
 The characteristics of the product listed above are subjected to change without notice.