

# Fotometrie / Ottiche

## Photometries / Optics

Tutti gli apparecchi MG sono stati progettati con ottiche secondarie in PMMA o PC anti UV di tipo cut-off per garantire l'assenza di inquinamento luminoso.

MG collabora con primarie aziende italiane e internazionali mettendo a disposizione dei clienti un elevato numero di soluzioni ottiche personalizzabili per soddisfare al meglio le esigenze illuminotecniche dei progetti.

Gli apparecchi MG sono disponibili con temperature di colore 2200, 2700, 3000, 4000 e 5700K CRI > 70. (CRI 80 su richiesta).

*All MG luminaires have been designed with secondary cut-off anti-UV PMMA or PC optics to ensure the absence of light pollution.*

*MG collaborates with leading Italian and international companies by providing customers with a large number of customizable optical solutions to best meet the lighting requirements of the projects.*

*MG luminaires are available with color temperatures 2200, 2700, 3000, 4000 and 5700K CRI > 70. (CRI 80 on request).*

Type	Drawing	Description	Type	Drawing	Description
T2		IESNA type II (medium) Standard pedestrian lighting and M-class road	T4		IESNA type IV Wide road and large area
ME		EN 13201 - M Class Excellent longitudinal lumiance Uniformity. Road width is equal or less the pole height	4B		IESNA type IV forward-throw beam for wide area lighting like car parks
T3		IESNA type III (medium) Road equal to or wider than mounting pole	SC		IESNA type I/II (long) Residential, pedestrian, cycle road
OV		OVAL (Aisle)	VS		IESNA type V (square) Wide areas lighting such as car park
DW		IESNA type III (medium) Universal road	PX-PL		Pedestrian crossing for right / left side traffic

# URBAN



**IP 66 - Cl. I/II - IK 08 - 100-277Vac  $\pm$ 10% - 50/60Hz - Ta 45°C** 

Garanzia: 5 anni

Colore: grigio polvere RAL 7037  
Corpo: alluminio pressofuso  
Diffusore in vetro temperato extrachiario 4mm  
Dissipatore: alluminio pressofuso integrato nel corpo  
Guarnizione: silicone  
Pressacavo: ottone nichelato IP68

Life time: > 100.000h L80B20 @ ta 25°C  
> 73.000h L90B10 @ ta 25°C

Led: Osram - Ra > 70  
Rischio fotobiologico: classe RG 0

Driver: programmabile (corrente, mezzanotte virtuale, CLO)  
protezione alle sovratensioni impulsive 10/6kV

Versioni con temperature ambiente (Ta) di lavoro più elevate su richiesta

Opzioni di dimmerazione/controllo su richiesta: 0-10V, DALI, PR WI-LE (remote setting), ....

Warranty: 5 years

Color: dusty grey RAL 7037  
Body: die cast aluminum  
Diffuser: extra clear temperate glass 4 mm  
Heat sink: die aluminum integrated in the body  
Gasket: silicon  
Cable gland: IP68 nickel-plated brass

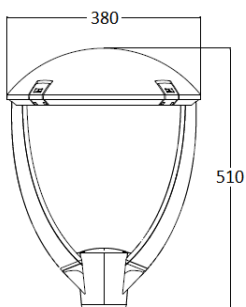
Life time: >100.000h L80B20 @ Ta 25°C  
> 73.000h L90B10 @ Ta 25°C

Led: Osram - Ra > 70  
Photo biological risk: class RG 0

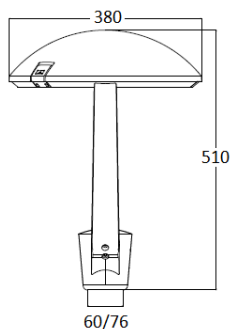
Driver: programmable (current, virtual midnight, CLO)  
surge protection level: 10/6kV CM/DM

Versions with higher working ambient temperature (Ta) on demand

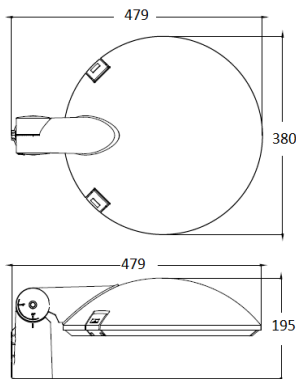
Dimming / control options on request: 0-10V, DALI, PR WI-LE (remote setting), ....



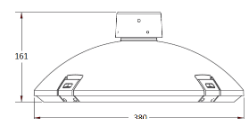
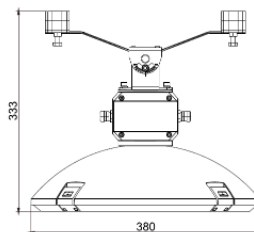
URBAN T



URBAN P

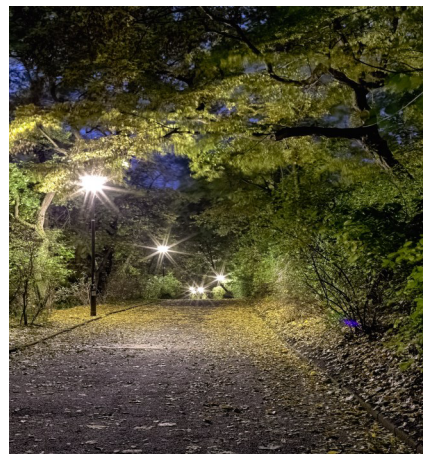


URBAN S



URBAN B

# URBAN T



## DATI ILLUMINOTECNICI / ILLUMINOTECHNICAL DATA:

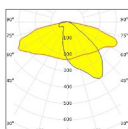
Description	System W	Output Lumen 4000K	Lm/w 4000K	Output Lumen 3000K	Lm/w 3000K	Output Lumen 2700K	Lm/w 2700K	Output Lumen 2200K	Lm/w 2200K	Weight (kg)
URBAN T 29-24-yy-xx	29	4270	149	29	4075	3670	129	3435	119	8,0
URBAN T 37-24-yy-xx	37	5250	145	37	5000	4510	125	4230	114	
URBAN T 44-24-yy-xx	44	6230	141	44	5940	5350	122	5020	114	
URBAN T 52-24-yy-xx	52	7200	138	52	6860	6190	119	5810	112	
URBAN T 60-24-yy-xx	60	8170	136	60	7790	7030	117	6595	108	
URBAN T 69-24-yy-xx	69	9110	133	69	8680	7830	114	7330	106	
URBAN T 77-24-yy-xx	77	10040	131	77	9570	8620	112	8060	105	

yy: 40 = 4000K  
30 = 3000K  
27 = 2700K  
22 = 2200K

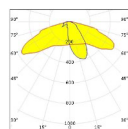
xx: ME = EN 13201 M class (excellent longitudinal luminance uniformity)  
T2 = IESNA type II (medium)  
SC = IESNA type II/III (long) - residential, pedestrian, cycle road  
VS = IESNA type V (square)  
55 = symmetrical large 55°  
90 = symmetrical ultra large 90°

Tutti i dati sono riferiti a 25°C - tolleranza elettrica: ±5% - tolleranza flusso: ± 7%  
All data are referred to 25°C - electrical tolerance ±5% - flux tolerance: ± 7%

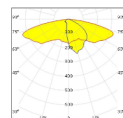
## FOTOMETRIE / PHOTOMETRIES:



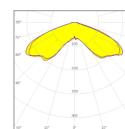
ME



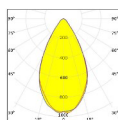
T2



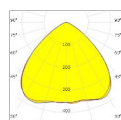
SC



VS



55



90

Altre fotometrie disponibili su richiesta  
Others photometries available on demand