

# TUNLED 3

Riflettore per tunnel. Corpo in alluminio trafilato ossidato, vetro temperato trasparente spessore 4 mm, guarnizione in silicone, driver elettronico 220-240V 50/60Hz. Prodotto in conformità alle vigenti norme EN / IEC 60598-1:2018.

Tunnel lighting. Extruded oxidate aluminium body, 4 mm thick tempered transparent glass, silicon gasket, electronic driver 220-240V 50/60Hz. Manufactured in accordance with EN / IEC 60598-1:2018.



## INSTALLAZIONE / INSTALLATION



## CARATTERISTICHE / MAIN FEATURES

| | 220 V<sub>~</sub> 240 | -25°C / +45°C | IP66 | IK08 | RG0 | CRI >70 | 3 step MacAdam | <7% LOW flicker | L90-B10 >60.000h | L80-B50 >100.000h | **A++**

## CODIFICA / CODING

Art.	+	Mod.	+ °K (CRI)		+	W. tot.	+ Options
9103		P1	3 = 3000°K (CRI >70)		170	300	GL = on/off
		R1	4 = 4000°K (CRI >70)		190	350	GM = 1-10v
		R2	5 = 5000°K (CRI >70)		210	400	GD = dali
					240	450	
					260		

## Dotazione

Sistema di fissaggio rapido in acciaio Inox AISI 304. Cavo FTG18OM-16 2x1.5 lunghezza 1500mm già cablati. Surge Protection da 10kV incluso.

## Equipment

Rapid fixing system in AISI 304 stainless steel. Cable FTG18OM-16 2x1.5 length 1500mm already wired. 10kV Surge Protection.



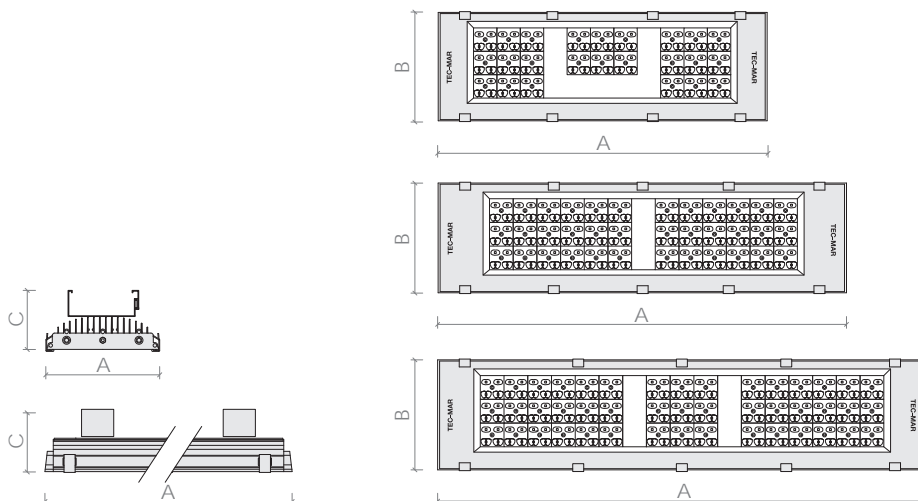
RAL 9006

## Δ LUMEN

3000°K (CRI >70) = **-6.45%**  
 4000°K (CRI >70) = **standard**  
 5000°K (CRI >70) = **+3.43%**

## DIMENSIONI / DIMENSIONS

	A	B	C	Kg	mc	
<b>D1</b>	760	280	170	29,5	0,042	40
<b>D2</b>	885	280	170	30,5	0,045	40
<b>D3</b>	1140	280	170	35,5	0,058	30



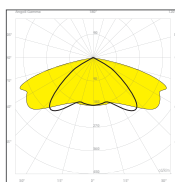


## OTTICHE / OPTICS

### MOD. P1

Ottica stradale permanente per tunnel EN13201 Classe M in PMMA ad alto rendimento.

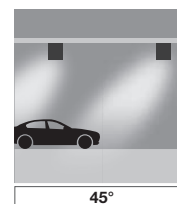
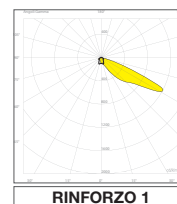
High performance PMMA permanent road optic for EN13201 Class M tunnels.



### MOD. R1

Ottica stradale di rinforzo in controflusso ottimizzata per gallerie Europee in PMMA ad alto rendimento.

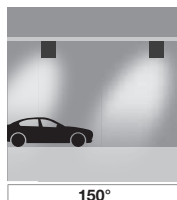
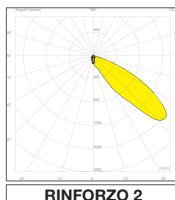
High efficiency PMMA reinforced counter-beam method road optic optimized for European tunnels.



### MOD. R2

Ottica stradale di rinforzo per tunnel Tipo Europeo in PMMA ad alto rendimento.

High efficiency PMMA reinforcement road optic for European tunnels.



## PRESTAZIONI / PERFORMANCES

W tot.	°K	CRI	n° Led	LUMEN LED	LUMEN OUTPUT	Lm/W	replace	dimension
170	4000	>70	8x12	28758	23581	139	400W JM/SAP	D1
190	4000	>70	8x12	31804	26079	137	400W JM/SAP	D1
210	4000	>70	8x12	34766	28508	136	400W JM/SAP	D1
240	4000	>70	12x12	41807	34281	143	400W JM/SAP	D2
260	4000	>70	12x12	44455	36453	140	600W SAP	D2
300	4000	>70	12x12	50262	41214	137	600W SAP	D2
350	4000	>70	15x12	58017	47573	136	600W SAP	D3
400	4000	>70	15x12	65188	53454	134	1000W JM	D3
450	4000	>70	15x12	71334	58493	130	1000W JM/SAP	D3