

LED SPOT 600 GEN3

TCI LED

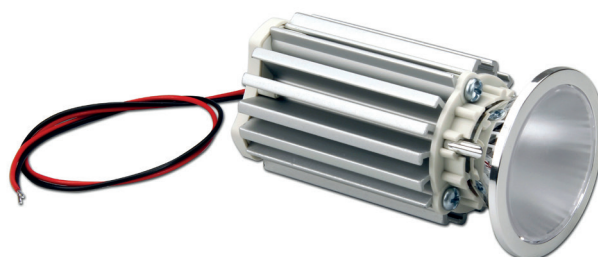
LED spots

Made in Italy



UP TO
166
lm/W

L80
B20
>150.000 h
@ tc=80 °C



constant
CURRENT

CRI

>80

>90

Rated Current

150 mA

200 mA

250 mA

**Available (CCT)
colour temperature**

3000 K

4000 K

2700 K on request - su richiesta

3500 K on request - su richiesta

5000 K on request - su richiesta

5700 K on request - su richiesta

6500 K on request - su richiesta

Beam angle

20°

35°

55°

Ambient temperature

ta: -40...+45 °C

(Only for tc ≤ 90 °C)

Module temperature

tc: 90 °C

Standards compliance

EN 55015

EN 61347-1

EN 62031

EN 62471

Article Articolo	Code Codice	Temp. Color Colore	Typ Current (I typ) mA	Flux lm ⁽¹⁾ (I typ 25°C) tc	Flux lm ⁽¹⁾ (I typ 80°C) tc	V	Power W	Efficacy Tc 25°C lm/W	Efficacy Tc 80°C lm/W	ta °C	tc °C	CRI	Beam angle
LED SPOT 600 CRI 80	131296/830/20	3000K	150	774	720	33,3	4,9	158	150	-20...+45	90	>80	20°
			200	1020	948	33,3	6,6	154	146	-20...+45			
			250	1259	1170	33,3	8,4	150	142	-20...+45			
	131296/830/35	3000K	150	774	720	33,3	4,9	158	150	-20...+45	90	>80	35°
			200	1020	948	33,3	6,6	154	146	-20...+45			
			250	1259	1170	33,3	8,4	150	142	-20...+45			
	131296/830/55	3000K	150	774	720	33,3	4,9	158	150	-20...+45	90	>80	55°
			200	1020	948	33,3	6,6	154	146	-20...+45			
			250	1259	1170	33,3	8,4	150	142	-20...+45			
	131296/840/20	4000K	150	813	756	33,3	4,9	166	157	-20...+45	90	>80	20°
			200	1070	995	33,3	6,6	162	153	-20...+45			
			250	1322	1230	33,3	8,4	157	150	-20...+45			
	131296/840/35	4000K	150	813	756	33,3	4,9	166	157	-20...+45	90	>80	35°
			200	1070	995	33,3	6,6	162	153	-20...+45			
			250	1322	1230	33,3	8,4	157	150	-20...+45			
	131296/840/55	4000K	150	813	756	33,3	4,9	166	157	-20...+45	90	>80	55°
			200	1070	995	33,3	6,6	162	153	-20...+45			
			250	1322	1230	33,3	8,4	157	150	-20...+45			
LED SPOT 600 CRI 90	131296/930/20	3000K	150	663	617	33,3	4,9	135	128	-20...+45	90	>90	20°
			200	874	812	33,3	6,6	132	125	-20...+45			
			250	1078	1002	33,3	8,4	129	122	-20...+45			
	131296/930/35	3000K	150	663	617	33,3	4,9	135	128	-20...+45	90	>90	35°
			200	874	812	33,3	6,6	132	125	-20...+45			
			250	1078	1002	33,3	8,4	129	122	-20...+45			
	131296/930/55	3000K	150	663	617	33,3	4,9	135	128	-20...+45	90	>90	55°
			200	874	812	33,3	6,6	132	125	-20...+45			
			250	1078	1002	33,3	8,4	129	122	-20...+45			
	131296/940/20	4000K	150	697	648	33,3	4,9	142	135	-20...+45	90	>90	20°
			200	918	853	33,3	6,6	138	131	-20...+45			
			250	1133	1053	33,3	8,4	135	128	-20...+45			
	131296/940/35	4000K	150	697	648	33,3	4,9	142	135	-20...+45	90	>90	35°
			200	918	853	33,3	6,6	138	131	-20...+45			
			250	1133	1053	33,3	8,4	135	128	-20...+45			
	131296/940/55	4000K	150	697	648	33,3	4,9	142	135	-20...+45	90	>90	55°
			200	918	853	33,3	6,6	138	131	-20...+45			
			250	1133	1053	33,3	8,4	135	128	-20...+45			

⁽¹⁾ The written flux includes the 20% losses due to the reflector - Il flusso riportato include la perdita del 20% dovuta al riflettore

Main features

- LED SPOT for built-in use.
- Polycarbonate spotlight 50mm diameter.
- PMMA diffusing or transparent lens to cover the spotlight.
- Minimum colour tolerance: 3MacAdam (3SDCM).
- Perfect light uniformity.
- Anodized aluminium heat sink.
- Provided with power wires and tear-proof cable clamps.
- Emitting angle: 20°/35°/55°.
- High efficiency of the system in combination with TCI drivers.
- The use is guaranteed in combination with TCI drivers only.

Caratteristiche principali

- SPOT LED da incorporare.
- Riflettore in policarbonato Diametro 50 mm.
- Lente diffondente o trasparente in PMMA a copertura del riflettore.
- Minima tolleranza di colore: 3MacAdam (3SDCM).
- Perfetta uniformità di luce.
- Dissipatore in alluminio anodizzato.
- Provisto di cavi di alimentazione e fissacavo antistrappo.
- Angolo di emissione: 20°/35°/55°.
- Alta efficienza del sistema in combinazione con driver TCI.
- L'utilizzo è garantito in combinazione con driver TCI.

7 YEARS WARRANTY
3% FAILURE RATE

10 YEARS WARRANTY
5% FAILURE RATE

PRODUCER'S LIABILITY
TCI

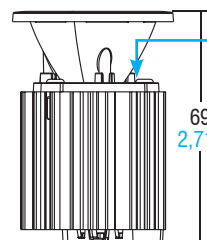
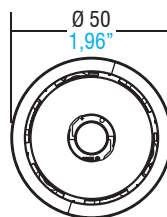
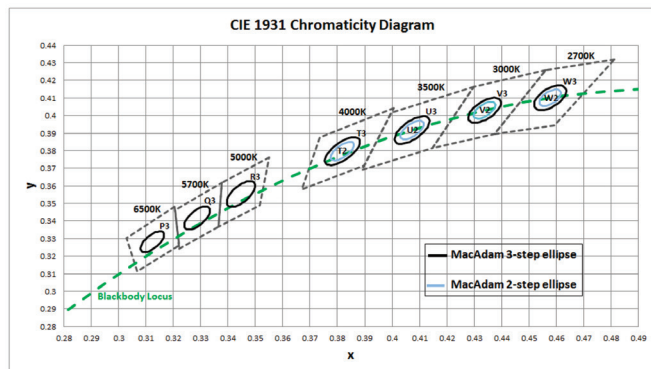
WARRANTY 10 YEARS
ACCORDING TO THE EUROPEAN CONSUMER

LED spots

Technical features - Caratteristiche tecniche

Chromaticity region & Coordinates ($I_f=360$ mA, $T_j=85$ °C)

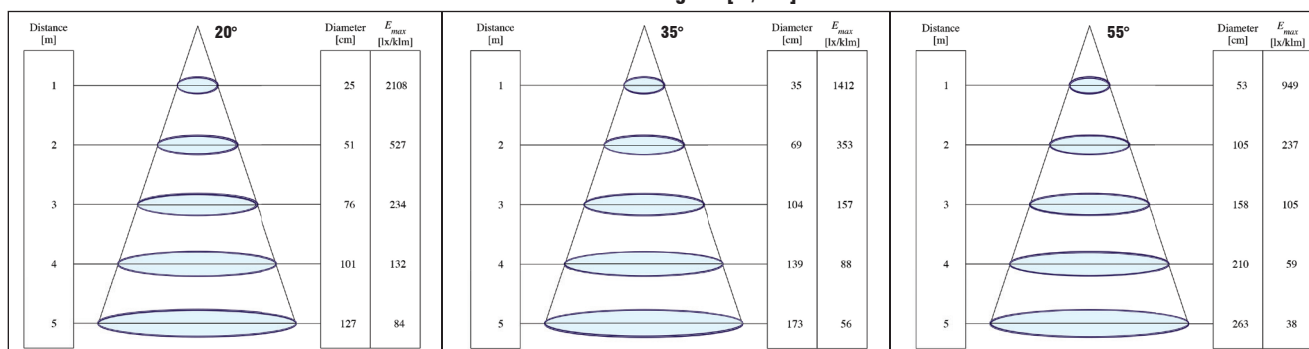
LED SPOT 600 (Weight/Peso 3,17 oz. / gr. 90 - Pcs/Pezzi 20)



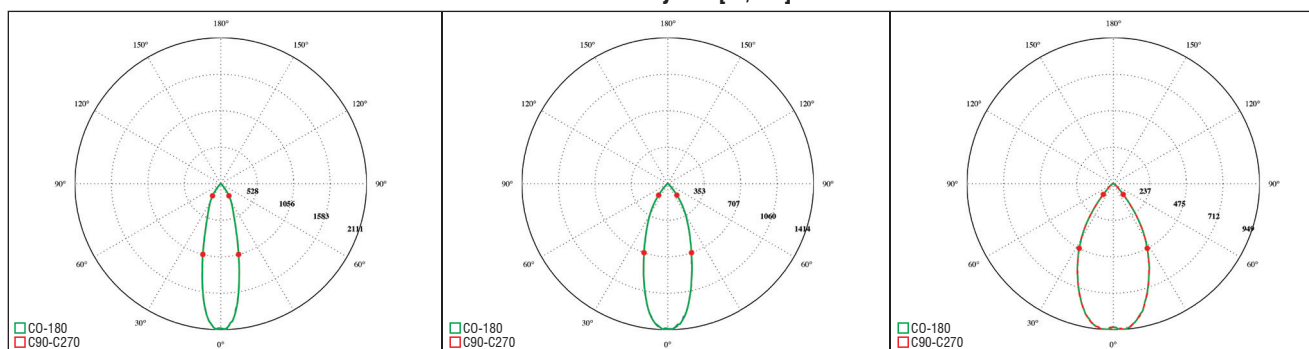
The **tc point** is on the welding point between the COB and the black wire

tc point è preso sul punto di saldatura tra piazzola COB e filo nero

Illuminance Diagram [Lx/klm]



Polar Intensity Plot [cd/klm]

I dati indicati sono stati rilevati a CCT 4000K CRI>90 @250mA, $T_c=80$ °C

LED driver choice table - Tabella di scelta driver

Article	Current	Power	Standard Driver		Standard Driver PFC>0,9		Dimmable 1-10V & PUSH		Dimmable DALI	
			Article	Code	Article	Code	Article	Code	Article	Code
LED SPOT 600	150	5	MP 15	122360	UNIVERSALE LC	122203	MINIJOLLY LC	123401-151401	-	-
	200	7	MP 15	122360	UNIVERSALE LC	122203	MINIJOLLY LC	123401-151401	-	-
	250	8,7	MP 15	122360	UNIVERSALE 20	122201	MINIJOLLY LC	123401-151401	MINIJOLLY DALI	125403-151403
			DCC 10W 250mA US	122358	UNIVERSALE LC	122203				

Article	Code	Rated Voltage	P out W ⁽¹⁾	V out	dimension (mm)	Ø mm	Efficiency (100 %) ⁽¹⁾	ta °C	tc °C	Power Factor λ	Dimmable
DCC 10W 250mA	122358	110-240	10	43	115x34x19	40	73	-25+50	75	0,6 C	NO
MP 15	122360	100-240	15 (10)	41,5	115x34x19	40	82	-25+50	75	0,6 C	NO
UNIVERSALE 20 LC	122203	220-240	20	55	110x52x22	55	>87	-25+50	75	0,95	NO
MINIJOLLY	125400-151400	110-240	20	43	110x52x22	55	>87	-25+50	80	0,95	1...10V - PUSH
MINIJOLLY LC	123401-151401	110-240	20	43	110x52x22	55	>87	-25+45	75	0,95	1...10V - PUSH
MINIJOLLY DALI	125403-151403	110-240	20	43	110x52x22	55	>87	-25+45	75	0,95	DALI

⁽¹⁾ Referred to $V_{in} = 230$ V, 100% load - Riferito a $V_{in} = 230$ V, carico 100%For additional technical informations please visit our website: www.tci.it