

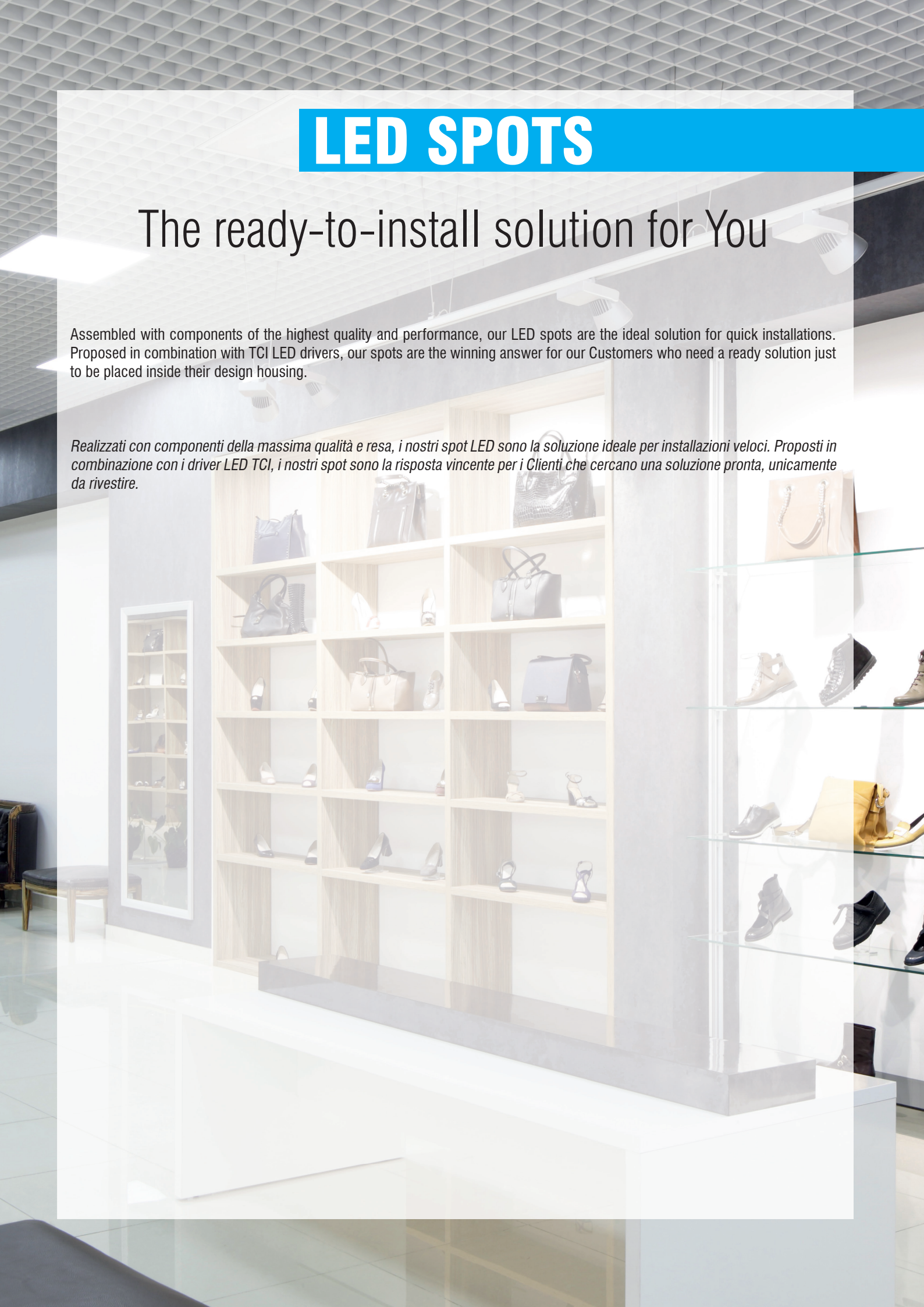


LED SPOTS

The ready-to-install solution for You

Assembled with components of the highest quality and performance, our LED spots are the ideal solution for quick installations. Proposed in combination with TCI LED drivers, our spots are the winning answer for our Customers who need a ready solution just to be placed inside their design housing.

Realizzati con componenti della massima qualità e resa, i nostri spot LED sono la soluzione ideale per installazioni veloci. Proposti in combinazione con i driver LED TCI, i nostri spot sono la risposta vincente per i Clienti che cercano una soluzione pronta, unicamente da rivestire.



LED SPOT 600 GEN3

TCI LED

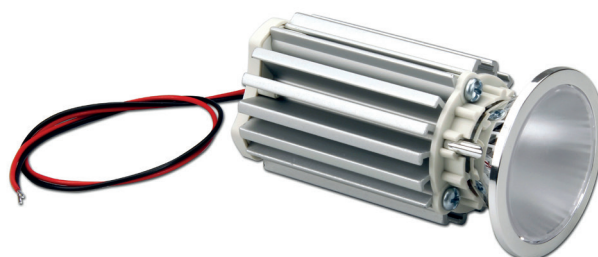
LED spots

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

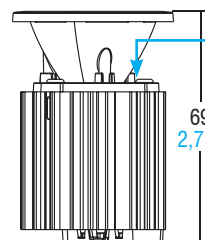
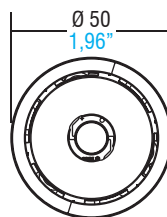
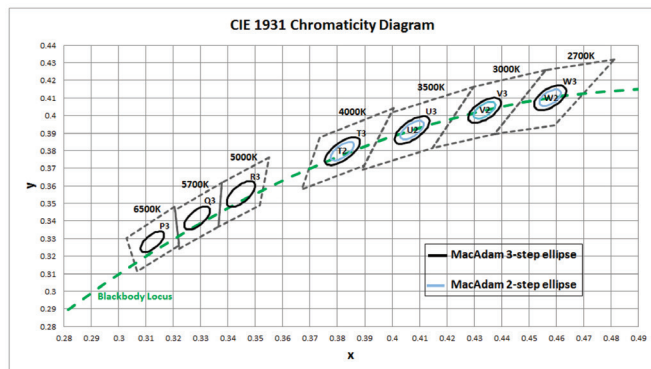
WARRANTY 10 YEARS
ACCORDING TO
THE EUROPEAN
CONSUMER

LED spots

Technical features - Caratteristiche tecniche

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

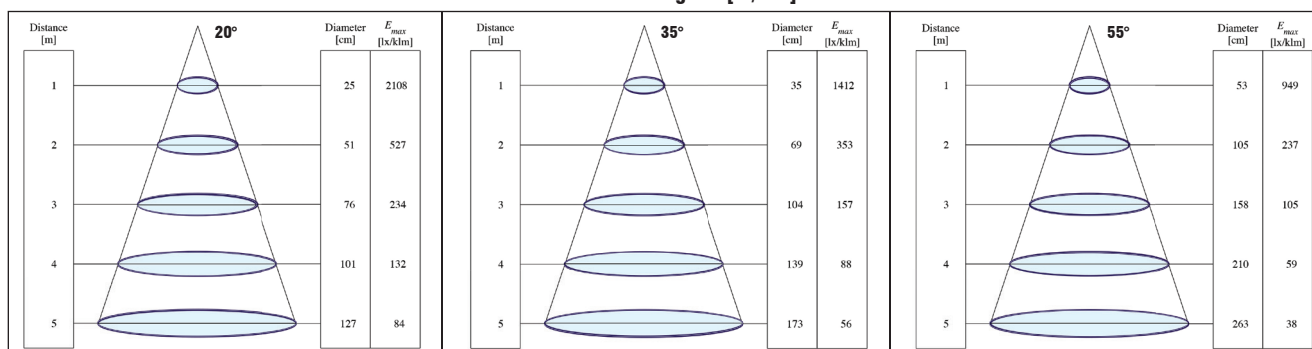
LED SPOT 600 (Weight/Peso 3,17 oz. / gr. 90 - Pcs/Pezzi 20)



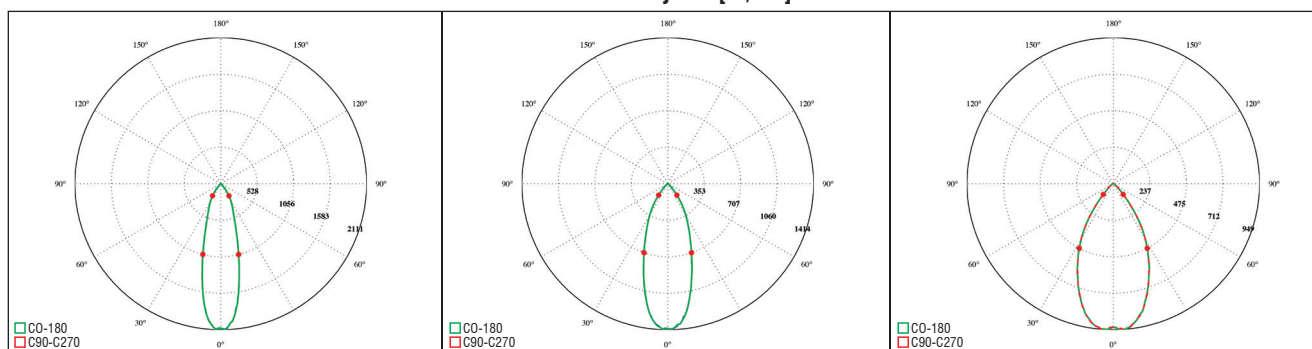
The **tc point** is on the welding point between the COB and the black wire

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

Illuminance Diagram [Lx/klm]



Polar Intensity Plot [cd/klm]

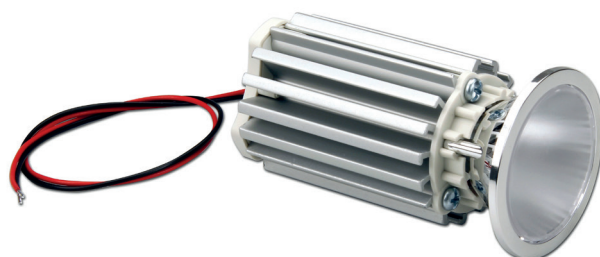
I dati indicati sono stati rilevati a CCT 4000K CRI>90 @250mA, $T_c=80$ °C

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

UP TO
157
lm/WL80
B20>150.000 h
@ tc=80 °Cconstant
CURRENT

CRI

>80

>90

Rated Current

250 mA

300 mA

350 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 1000 CRI 80	131297/830/20	3000K	250	1260	1170	34,3	8,4	150	142	-20...+45	90	>80	20°
			300	1490	1390	34,7	10,1	146	139	-20...+45			
			350	1720	1595	35,2	12,9	143	135	-20...+45			
	131297/830/35	3000K	250	1260	1170	34,3	8,4	150	142	-20...+45	90	>80	35°
			300	1490	1390	34,7	10,1	146	139	-20...+45			
			350	1720	1595	35,2	12,9	143	135	-20...+45			
	131297/830/55	3000K	250	1260	1170	34,3	8,4	150	142	-20...+45	90	>80	55°
			300	1490	1390	34,7	10,1	146	139	-20...+45			
			350	1720	1595	35,2	12,9	143	135	-20...+45			
	131297/840/20	4000K	250	1322	1230	34,3	8,4	157	150	-20...+45	90	>80	20°
			300	1565	1455	34,7	10,1	154	146	-20...+45			
			350	1800	1675	35,2	12,9	150	142	-20...+45			
	131297/840/35	4000K	250	1322	1230	34,3	8,4	157	150	-20...+45	90	>80	35°
			300	1565	1455	34,7	10,1	154	146	-20...+45			
			350	1800	1675	35,2	12,9	150	142	-20...+45			
	131297/840/55	4000K	250	1322	1230	34,3	8,4	157	150	-20...+45	90	>80	55°
			300	1565	1455	34,7	10,1	154	146	-20...+45			
			350	1800	1675	35,2	12,9	150	142	-20...+45			
LED SPOT 1000 CRI 90	131297/930/20	3000K	250	1080	1002	34,3	8,4	129	122	-20...+45	90	>90	20°
			300	1280	1190	34,7	10,1	125	119	-20...+45			
			350	1470	1370	35,2	12,9	122	116	-20...+45			
	131297/930/35	3000K	250	1080	1002	34,3	8,4	129	122	-20...+45	90	>90	35°
			300	1280	1190	34,7	10,1	125	119	-20...+45			
			350	1470	1370	35,2	12,9	122	116	-20...+45			
	131297/930/55	3000K	250	1080	1002	34,3	8,4	129	122	-20...+45	90	>90	55°
			300	1280	1190	34,7	10,1	125	119	-20...+45			
			350	1470	1370	35,2	12,9	122	116	-20...+45			
	131297/940/20	4000K	250	1133	1053	34,3	8,4	135	128	-20...+45	90	>90	20°
			300	1340	1245	34,7	10,1	132	125	-20...+45			
			350	1545	1435	35,2	12,9	128	122	-20...+45			
	131297/940/35	4000K	250	1133	1053	34,3	8,4	135	128	-20...+45	90	>90	35°
			300	1340	1245	34,7	10,1	132	125	-20...+45			
			350	1545	1435	35,2	12,9	128	122	-20...+45			
	131297/940/55	4000K	250	1133	1053	34,3	8,4	135	128	-20...+45	90	>90	55°
			300	1340	1245	34,7	10,1	132	125	-20...+45			
			350	1545	1435	35,2	12,9	128	122	-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.
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- 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.
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- Minima tolleranza di colore: 3MacAdam (3SDCM).
- Perfetta uniformità di luce.
- Dissipatore in alluminio anodizzato.
- Provvisto 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.

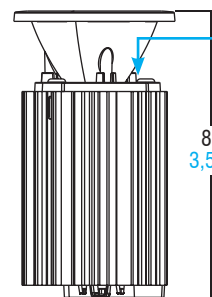
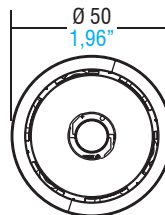
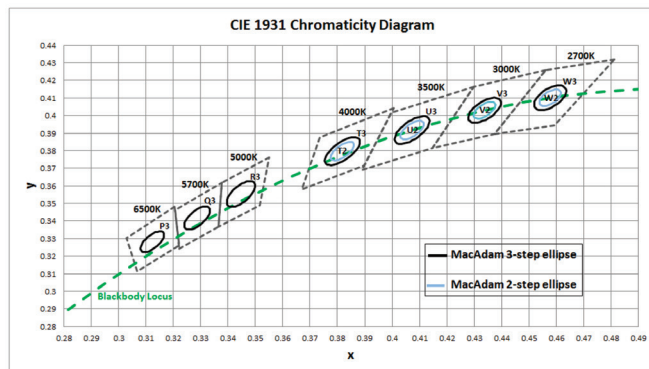
7
YEARS
WARRANTY
3% FAILURE RATE10
YEARS
WARRANTY
5% FAILURE RATEPRODUCER'S LIABILITY
TCI10
YEARS
WARRANTY
5% FAILURE RATE
ACCORDING TO
THE EUROPEAN
CONSUMER

LED spots

Technical features - Caratteristiche tecniche

Chromaticity region & Coordinates ($I_F=360$ mA, $T_J=85$ °C)

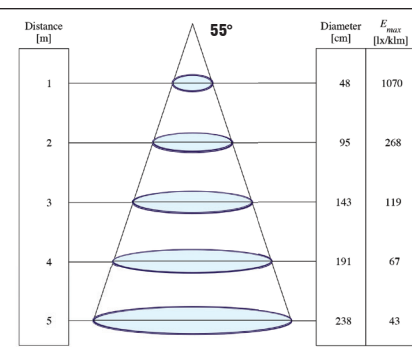
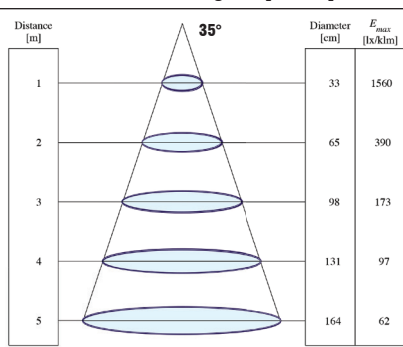
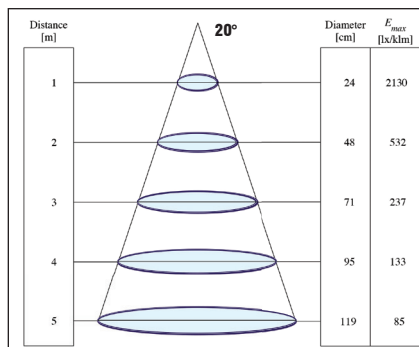
LED SPOT 1000 (Weight/Peso 4,58 oz. / gr. 130 - Pcs/Pezzi 20)



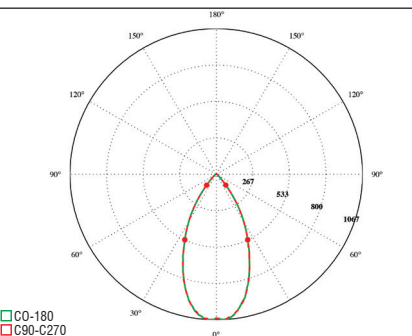
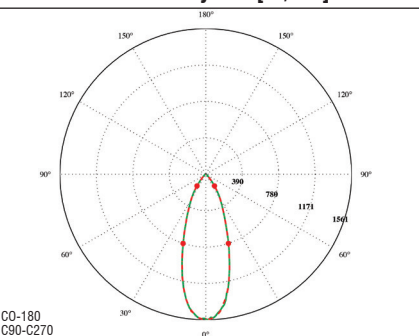
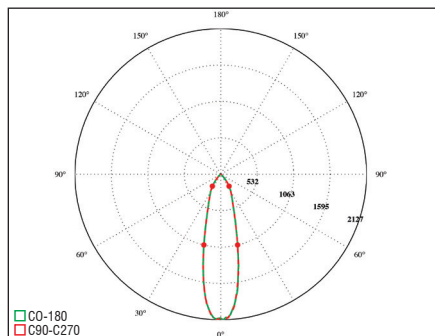
The **tc point** is on the welding point between the COB and the black wire

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 @350mA, $T_c=80$ °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 1000	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				
	300	10,6	MP 15	122360	UNIVERSALE LC	122203	MINIJOLLY LC	123401-151401	-	-
			DCC 15W 350mA US	122350	UNIVERSALE 20	122201				
	350	12,5	MP 15	122360	UNIVERSALE LC	122203	MINIJOLLY LC	123401-151401	MINIJOLLY DALI	125403-151403

Article	Code	Rated Voltage	P out W ⁽¹⁾	V out	dimension (mm)	Ø mm	Efficiency η (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
DCC 15W 350mA	122350	110-240	15 (10)	43	115x34x19	40	77	-25+45	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	122201	220-240	20	57	110x52x22	55	>88	-25+50	80	0,95	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