



TRAC-MASTER® QUICK JACK LED MINI-CYLINDER SPOTLIGHT 12-VOLT AC

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



Buy American

TQJ114

PRODUCT DESCRIPTION

The Quick Jack LED Mini-Cylinder Spotlight approximates the light output and distribution of 20W MR11 halogen lamps, utilizing less than 1/3 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light TQJ114 Series is compatible with Juno Trac-Master or Trac-Lites trac when combined with the T537 LED-compatible driver, with Juno MonoLine flexible line voltage trac when combined with MLTA LED-compatible transformer adapter, with Juno QJL LED-compatible MonoPoints, as well as with Juno QJ MonoPoints for use with remote mount transformers.

PRODUCT SPECIFICATIONS

LED High performance, low power LEDs provide outstanding reliability, performance and color quality/consistency • 2700K, 3000K, 3500K or 4000K white phosphor high performance LEDs designed to operate using 12-volt AC input • Provides 80 CRI minimum (Optional high CRI versions offer 90 CRI minimum).

Optical Performance Separate versions are offered which provide uniform spot, narrow flood and flood beam patterns.

Housing Precision machined aluminum construction.

Aiming 90° vertical aiming capability and 360° horizontal coverage.

Electrical Contacts Beryllium copper.

Mounting Options May be used with the following LED-compatible Quick Jack mounting methods: Juno Trac-Master or Trac-Lites line voltage trac using T537 (T537 T537QJ); Juno MonoLine line voltage trac using MLTA QJ LED (M7.9); Juno QJ LED Monopoints with Integral Transformer (M7.4); Juno Quick Jack remote Monopoints when operated with LED-compatible transformers/drivers (M7.4); Juno Trac 12 or Trac 12/25 low voltage trac using TLQJA Quick Jack Adapter (M.8.1) and LED-compatible transformers/drivers; and the TQJDLCLAMP Quick Jack Power Clamp (D1.8.12) • Other mounting methods may also be compatible – consult factory for additional information.

Dimming May be dimmed with dimmers tested and qualified by Juno for use with the non-resistive TQJ114 Series load – see transformer/driver specifications for compatible dimmers • Color temperature remains constant over dimming range • Consult factory for additional information.

Buy American This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

• Continuously operating the TQJ114 above 12VAC will void the warranty.

Labels ETL listed to UL 1598 for use in U.S. • ETL listed to CSA C22.2 No. 250 for use in Canada • Union made • Assembled in U.S.A.

Specifications subject to change without notice.

ORDERING INFORMATION

Ordering Example: TQJ114 G2 27K 80CRI SP WH

Series	Generation	Color Temperature	CRI	Distribution
TQJ114 6W Quick Jack LED Mini-Cylinder Spotlight	G2 Generation 2	27K 2700K 30K 3000K 35K 3500K 40K 4000K	80CRI 80 CRI 90CRI 90 CRI	SP Spot NFL Narrow Flood FL Flood

Finish	Options
BL Black	TMCSNOOTBL Mini-Cylinder Snoot - Black
WH White	TMCSNOOTWH Mini-Cylinder Snoot - White

Accessories	
TMCSNOOTBL	Snoot - Black
TMCSNOOTWH	Snoot - White

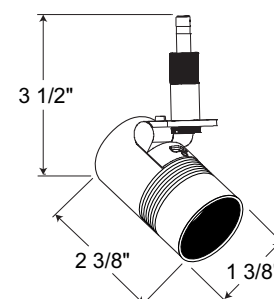
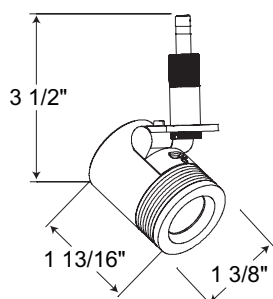
TRAC-MASTER®

QUICK JACK LED MINI-CYLINDER SPOLIGHT

12-VOLT AC

TQJ114

DIMENSIONS



PERFORMANCE DATA¹

Catalog Number	Input Voltage	Watts (Maximum)	Lumens	Efficacy (LPW)	Rated Life (Hours)
TQJ114 G2 27K 80CRI SP	12.0V	6.6W	315	48	50,000
TQJ114 G2 27K 80CRI NFL	12.0V	6.6W	296	45	50,000
TQJ114 G2 27K 80CRI FL	12.0V	6.6W	272	41	50,000
TQJ114 G2 27K 90CRI SP	12.0V	6.6W	233	35	50,000
TQJ114 G2 27K 90CRI NFL	12.0V	6.6W	219	33	50,000
TQJ114 G2 27K 90CRI FL	12.0V	6.6W	201	30	50,000
TQJ114 G2 30K 80CRI SP	12.0V	6.6W	328	50	50,000
TQJ114 G2 30K 80CRI NFL	12.0V	6.6W	308	47	50,000
TQJ114 G2 30K 80CRI FL	12.0V	6.6W	283	43	50,000
TQJ114 G2 30K 90CRI SP	12.0V	6.6W	249	38	50,000
TQJ114 G2 30K 90CRI NFL	12.0V	6.6W	234	35	50,000
TQJ114 G2 30K 90CRI FL	12.0V	6.6W	215	33	50,000
TQJ114 G2 35K 80CRI SP	12.0V	6.6W	344	52	50,000
TQJ114 G2 35K 80CRI NFL	12.0V	6.6W	323	49	50,000
TQJ114 G2 35K 80CRI FL	12.0V	6.6W	297	45	50,000
TQJ114 G2 35K 90CRI SP	12.0V	6.6W	266	40	50,000
TQJ114 G2 35K 90CRI NFL	12.0V	6.6W	249	38	50,000
TQJ114 G2 35K 90CRI FL	12.0V	6.6W	229	35	50,000
TQJ114 G2 40K 80CRI SP	12.0V	6.6W	344	52	50,000
TQJ114 G2 40K 80CRI NFL	12.0V	6.6W	323	49	50,000
TQJ114 G2 40K 80CRI FL	12.0V	6.6W	297	45	50,000
TQJ114 G2 40K 90CRI SP	12.0V	6.6W	276	42	50,000
TQJ114 G2 40K 90CRI NFL	12.0V	6.6W	259	39	50,000
TQJ114 G2 40K 90CRI FL	12.0V	6.6W	238	36	50,000

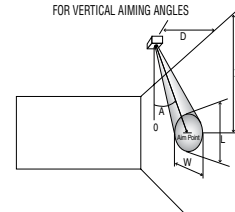
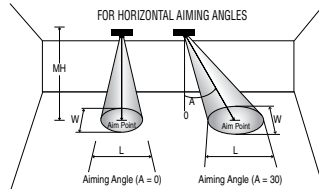
¹Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25°C ambient. In practice, multiple fixtures used in a system will average slightly lower power consumption due to voltage drop within the system.

Note: For operation at 11.5 volts multiply Lumens by 0.94.

TRAC-MASTER® QUICK JACK LED MINI-CYLINDER SPOLIGHT 12-VOLT AC TQJ114

CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°, 1.732 for 60°).



Horizontal Aiming Angles



Vertical Aiming Angles



Fixture	Beam Type	Beam Spread	Rated Life	CBCP	0°			30°			30°			45°			60°								
					MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W	D	FC	X	L	W
TQJ114 G2 6.6W LED 30K, 80 CRI Spot	SP	21°	50000	1708	2	427	0.7	0.7	277	1.0	0.9	1	214	1.7	1.7	0.7	604	1.0	0.8	0.5	2	277	1.2	1.0	0.9
					4	107	1.5	1.5	69	2.0	1.7	2	53	3.5	3.3	1.5	151	2.0	1.5	1.0	3	123	1.7	1.5	1.3
					6	47	2.2	2.2	31	3.0	2.6	3	24	5.2	5.0	2.2	67	3.0	2.3	1.6	4	69	2.3	2.0	1.7
					8	27	3.0	3.0	17	4.0	3.4	4	13	6.9	6.6	3.0	38	4.0	3.1	2.1	5	44	2.9	2.5	2.1
					10	17	3.7	3.7	11	5.0	4.3	5	9	8.7	8.3	3.7	24	5.0	3.8	2.6	6	31	3.5	3.0	2.6
TQJ114 G2 6.6W LED 30K, 80 CRI Narrow Flood	NFL	25°	50000	1078	2	270	0.9	0.9	175	1.2	1.0	1	135	1.7	2.1	0.9	381	1.0	0.9	0.6	1	700	0.6	0.6	0.5
					4	67	1.8	1.8	44	2.4	2.1	1.5	60	2.6	3.1	1.3	169	1.5	1.4	0.9	2	175	1.2	1.2	1.0
					6	30	2.7	2.7	19	3.6	3.1	2	34	3.5	4.2	1.8	95	2.0	1.9	1.3	3	78	1.7	1.8	1.5
					8	17	3.6	3.6	11	4.8	4.1	2.5	22	4.3	5.2	2.2	61	2.5	2.3	1.6	4	44	2.3	2.4	2.1
					10	11	4.5	4.5	7	6.0	5.1	3	15	5.2	6.3	2.7	42	3.0	2.8	1.9	5	28	2.9	3.0	2.6
TQJ114 G2 6.6W LED 30K, 80 CRI Flood	FL	38°	50000	519	2	130	1.4	1.4	84	1.9	1.6	0.5	260	0.9	2.2	0.7	734	0.5	0.8	0.5	1	337	0.6	1.0	0.8
					2.5	83	1.7	1.7	54	2.4	2.0	1	65	1.7	4.3	1.4	183	1.0	1.6	1.0	2	84	1.2	1.9	1.6
					3	58	2.1	2.1	37	2.9	2.4	1.5	29	2.6	6.5	2.1	82	1.5	2.4	1.5	3	37	1.7	2.9	2.4
					3.5	42	2.4	2.4	28	3.4	2.8	2	16	3.5	8.7	2.8	46	2.0	3.1	2.0	4	21	2.3	3.8	3.2
					4	32	2.8	2.8	21	3.8	3.2	2.5	10	4.3	10.8	3.5	29	2.5	3.9	2.4	5	13	2.9	4.8	4.0

For 27K 80CRI fixtures, use 0.96 multiplier; for 27K 90CRI fixtures, use 0.71 multiplier; for 30K 90CRI fixtures, use 0.76 multiplier; for 35K 80CRI fixtures, use 1.05 multiplier; for 35K 90CRI, use 0.81 multiplier; for 40K 80CRI fixtures, use 1.05 multiplier; for 40K 90CRI fixtures, use 0.84 multiplier.