

TR3-3
Capri Track
CT7603
 12 Watt LED



description

- The CT7603 delivers performance equivalent to a 35W MR16 lamp, reducing energy consumption up to 65% while providing equivalent intensity and distribution of light. The CT7603 is designed for use with Philips Lightolier's Capri Track two circuit/two neutral, 120V/20A track lighting system or monopoint canopy. Die-cast aluminum lamp housing with an extruded vertical driver housing can be mounted anywhere along the track, making it the ideal choice for flexible accent lighting.

construction

- LED - Available in 2700K and 3000K CCT. Provides typical 85CRI, 60,000 L70 lumen maintenance.
- Electrical - 120V, high power factor, 60Hz, Class 2 electronic low voltage power supply. Phase dimmable to 5% on ELV controls. (See list of approved dimmers)
- Thermal Management - Proprietary heat sink ensures rated longevity and optimal performance. Electronic thermal foldback circuitry will reduce operating current to the LED module in the event of operation in ambient temperatures exceeding 35° C.
- Lamp Housing - Die-cast aluminum housing, tilts vertically to 180° and rotates horizontally up to 362°. The housing comes standard with a toolless, front lens ring hinge and latch system for easy access to the lamp and accessories.
- Driver Housing - Standard Class II electronic transformer designed for optimum performance. The extruded aluminum housing is vented for heat dissipation.

- Dimming - Dimmable to 5% on reverse phase electronic low voltage controls. Lutron Diva DELV-300P/303P, Maestro MAELV-600, and Skylark SELV-300PH recommended.
- Swiss Movement Aiming System - The silk screened, Swiss movement aiming system "clicks" into place to ensure precise aiming up to 180°. Attached set screw securely locks the lamp housing into the preferred aiming position.
- Captive Media Ring - The smooth, black captive media ring will hold a louver intact during relamping or maintenance. Accessories and media filters available.
- Finishes - Wet coat finish is available in white (W), black (BK) and silver (SL).
- On/Off Switch - Integral switch on the bottom of the ballast housing permits safe interruption of power to the individual luminaire for routine relamping and maintenance.

listings

- c/ETL Listed
- 5 year warranty.

accessories

- Louver CL25
- Color Filters CF40- CF48

Specifier's Reference

Project

Type

Model No.

Comments

Green Choice: CT7603BKM30

CT7603

Track Head

CT7603
12W LED

Finishes

W - White
BK - Black
SL - Silver

Distribution

S - Spot (12°)
M - Medium (21°)
F - Flood (41°)

Color Temp

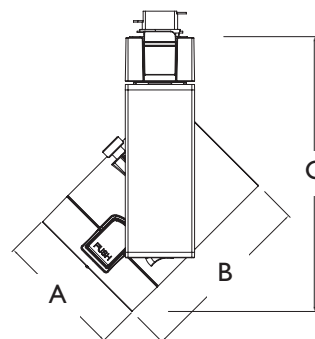
27 - 2700K
30 - 3000K

accessories

(order separately)

Louver CL25
Filters CF40-CF48

dimensions



Legend
 Diameter: A
 Length: B
 Max. Extension: C

Dimensions

Catalog #	A	B	C
CT7603	2-3/4" (70 mm)	3-7/8" (98 mm)	6" (152 mm)



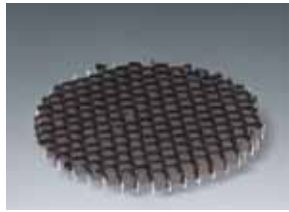
2700K DATA CALCULATIONS

	horizontal aiming angles								vertical aiming angles									
	0°				30°				30°					60°				
	MH	FC	L	W	MH	FC	L	W	MH	FC	L	W	C	MH	FC	L	W	C
Cat. No.: CT7603BKS27 Spot: 12° CBCP: 5716 Lumens: 340 LM-79 Test No.: 30586	5.0	229	1.1	1.0	5.0	149	1.4	1.2	3.0	79	2.6	1.2	5.2	3.0	413	0.8	0.7	1.7
	7.5	102	1.6	1.6	7.5	66	2.1	1.8	4.0	45	3.5	1.7	6.9	4.0	232	1.1	1.0	2.3
	10.0	57	2.1	2.1	10.0	37	2.8	2.4	5.0	29	4.3	2.1	8.7	5.0	149	1.4	1.2	2.9
	12.5	37	2.6	2.6	12.5	24	3.5	3.0	6.0	20	5.2	2.5	10.4	6.0	103	1.7	1.4	3.5
	15.0	25	3.2	3.1	15.0	17	4.2	3.6										
Cat. No.: CT7603BKM27 Medium: 21° CBCP: 1752 Lumens: 324 LM-79 Test No.: 30588	5.0	70	1.9	1.8	5.0	46	2.5	2.1	3.0	24	5.0	2.2	5.2	3.0	126	1.5	1.2	1.7
	7.5	31	2.8	2.7	7.5	20	3.7	3.1	4.0	14	6.6	2.9	6.9	4.0	71	2.0	1.7	2.3
	10.0	18	3.7	3.6	10.0	11	5.0	4.1	5.0	9	8.3	3.6	8.7	5.0	46	2.5	2.1	2.9
	12.5	11	4.6	4.5	12.5	7	6.2	5.2	6.0	6	9.9	4.3	10.4	6.0	32	3.0	2.5	3.5
	15.0	8	5.6	5.4	15.0	5	7.5	6.2										
Cat. No.: CT7603BKF27 Wide: 41° CBCP: 793 Lumen: 290 LM-79 Test No.: 30587	5.0	31	3.7	3.3	5.0	20	5.2	3.8	3.0	11	15.5	3.9	5.2	3.0	56	3.1	2.3	1.7
	7.5	14	5.6	4.9	7.5	9	7.8	5.7	4.0	6	20.6	5.2	6.9	4.0	32	4.2	3.0	2.3
	10.0	8	7.5	6.6	10.0	5	10.5	7.6	5.0	4	25.8	6.6	8.7	5.0	20	5.2	3.8	2.9
	12.5	5	9.3	8.2	12.5	3	13.1	9.5	6.0	3	30.9	7.9	10.4	6.0	14	6.3	4.5	3.5
	15.0	3	11.2	9.8	15.0	2	15.7	11.4										

3000K DATA CALCULATIONS

	horizontal aiming angles								vertical aiming angles									
	0°				30°				30°					60°				
	MH	FC	L	W	MH	FC	L	W	MH	FC	L	W	C	MH	FC	L	W	C
Cat. No.: CT7603BKS30 Spot: 12° CBCP: 5616 Lumens: 342 LM-79 Test No.: 30582	5.0	225	1.1	1.0	5.0	146	1.4	1.2	3.0	78	2.6	1.2	5.2	3.0	405	0.8	0.7	1.7
	7.5	100	1.6	1.6	7.5	65	2.1	1.8	4.0	44	3.5	1.7	6.9	4.0	228	1.1	1.0	2.3
	10.0	56	2.1	2.1	10.0	36	2.8	2.4	5.0	28	4.3	2.1	8.7	5.0	146	1.4	1.2	2.9
	12.5	36	2.6	2.6	12.5	23	3.5	3.0	6.0	20	5.2	2.5	10.4	6.0	101	1.7	1.4	3.5
	15.0	25	3.2	3.1	15.0	16	4.2	3.6										
Cat. No.: CT7603BKM30 Medium: 21° CBCP: 1758 Lumens: 357 LM-79 Test No.: 29971	5.0	70	1.9	1.8	5.0	46	2.5	2.1	3.0	24	5.0	2.2	5.2	3.0	127	1.5	1.2	1.7
	7.5	31	2.8	2.7	7.5	20	3.7	3.1	4.0	14	6.6	2.9	6.9	4.0	71	2.0	1.7	2.3
	10.0	18	3.7	3.6	10.0	11	5.0	4.1	5.0	9	8.3	3.6	8.7	5.0	46	2.5	2.1	2.9
	12.5	11	4.6	4.5	12.5	7	6.2	5.2	6.0	6	9.9	4.3	10.4	6.0	32	3.0	2.5	3.5
	15.0	8	5.6	5.4	15.0	5	7.5	6.2										
Cat. No.: CT7603BKF30 Wide: 41° CBCP: 823 Lumens: 306 LM-79 Test No.: 30584	5.0	33	3.7	3.3	5.0	21	5.2	3.8	3.0	11	15.5	3.9	5.2	3.0	59	3.1	2.3	1.7
	7.5	15	5.6	4.9	7.5	10	7.8	5.7	4.0	6	20.6	5.2	6.9	4.0	33	4.2	3.0	2.3
	10.0	8	7.5	6.6	10.0	5	10.5	7.6	5.0	4	25.8	6.6	8.7	5.0	21	5.2	3.8	2.9
	12.5	5	9.3	8.2	12.5	3	13.1	9.5	6.0	3	30.9	7.9	10.4	6.0	15	6.3	4.5	3.5
	15.0	4	11.2	9.8	15.0	2	15.7	11.4										

louver



CL25 Louver, 2-3/16" Dia.

lens (order separately)



Cat. # Description

CF40	UV Filter; 2-3/16" Dia.
CF41	Clear Filter; 2-3/16" Dia.
CF43	Blue Filter; 2-3/16" Dia.
CF44	Red Filter; 2-3/16" Dia.
CF45	Green Filter; 2-3/16" Dia.
CF46	Amber Filter; 2-3/16" Dia.
CF48	Solite Lens; 2-3/16" Dia.



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