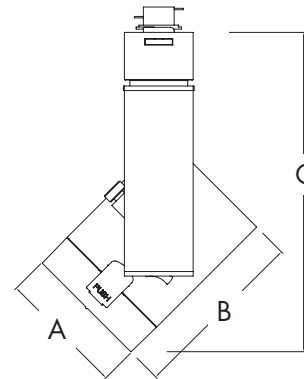


CT7602
20 watt CORE - LED

Catalog Number: _____
Type: _____
Project: _____



PRODUCT DESCRIPTION

The Capri LED CT7602 delivers performance equivalent to a 35W MR16 lamp, reducing energy consumption up to 40% and having a rated life of 50,000 hours. The CT7602 is designed for use with Capri's 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.

LEGEND

Diameter: A = 2-3/4" (70mm)
Length: B = 3-7/8" (98mm)
Max. Height: C = 8-1/2" (216mm)

CATALOG SYSTEM & OPTIONS

SAMPLE CATALOG NUMBER: CT7602BKM31

CATALOG NO.	FINISH	DISTRIBUTION	COLOR TEMP (CCT)
CT7602 - 20W	W - white	M - medium	27 - 2700K
	BK - black	F - flood	31 - 3100K
	SL - silver		

Footnotes:
1. Not available with spot distribution.

SPECIFICATIONS

LED - Available in 2700K and 3100K CCT, operating with a Class II 24V DC power supply. Provides 85CRI. Rated life of 50,000 hours.

Electrical - Load: I-25VA, Input: 100-277V 0/50/60Hz, Output Voltage: 24V DC, Efficiency: 80%, EMC (RFI) FCC Class A/EN 55015.

SynJet Cooling System- Rapid pulses of ambient air helps maintain LED Tj temperature for 50,000 hours at 70% lumen maintenance.

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 driver designed for optimum performance and color uniformity. The extruded aluminum housing comes with a vented Capri logo for heat dissipation.

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. Additional media restricted due to LED cooling system.

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.

ETL and c/ETL Listed

3 year warranty.

LM-79 approved.

05/10

TR3-1

CT7602 — 20 Watt LED / CCT: 2700K

	horizontal aiming angles								vertical aiming angles									
	0°				30°				30°				60°					
	MH	FC	L	W	MH	FC	L	W	D	FC	L	W	C	D	FC	L	W	C
MEDIUM: 23°	5.00	102.24	2.0	2.0	5.00	66.41	2.8	2.3	3.00	35.50	5.6	2.3	5.2	3.00	184.46	1.7	1.4	1.7
CBCP: 2556	7.50	45.44	3.1	2.9	7.50	29.51	4.1	3.4	4.00	19.97	7.4	3.1	6.9	4.00	103.76	2.2	1.8	2.3
LUMENS: 488	10.00	25.56	4.1	3.9	10.00	16.60	5.5	4.5	5.00	12.78	9.3	3.9	8.7	5.00	66.41	2.8	2.3	2.9
LM-79 TEST NO: 18301	12.50	16.36	5.1	4.9	12.50	10.63	6.9	5.6	6.00	8.88	11.2	4.7	10.4	6.00	46.12	3.3	2.7	3.5
3100K MULTIPLIER: 1.26	15.00	11.36	6.1	5.9	15.00	7.38	8.3	6.8										
FLOOD: 37°	5.00	44.08	3.3	3.0	5.00	28.63	4.6	3.5	3.00	15.31	12.1	3.6	5.2	3.00	79.53	2.8	2.1	1.7
CBCP: 1102	7.50	19.59	5.0	4.5	7.50	12.72	7.0	5.2	4.00	8.61	16.1	4.8	6.9	4.00	44.74	3.7	2.8	2.3
LUMENS: 426	10.00	11.02	6.7	6.0	10.00	7.16	9.3	6.9	5.00	5.51	20.2	6.0	8.7	5.00	28.63	4.6	3.5	2.9
LM-79 TEST NO: 19111	12.50	7.05	8.4	7.5	12.50	4.58	11.6	8.7	6.00	3.83	24.2	7.2	10.4	6.00	19.88	5.6	4.2	3.5
3100K MULTIPLIER: 1.32	15.00	4.90	10.0	9.0	15.00	3.18	13.9	10.4										

MH
Distance from the fixture to illuminated surface

FC
Footcandle level at center of beam

L
Beam length in feet

W
Beam width in feet

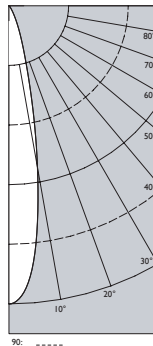
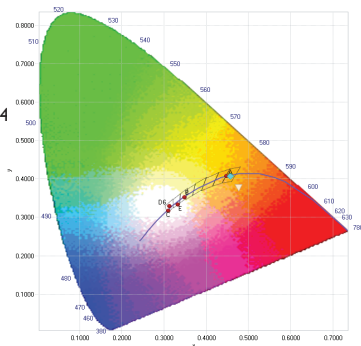
D
Distance from the fixture to the wall

C
Distance to the center of the beam from the ceiling

CBCP
Center beam candlepower

CT7602M27

Report number: 18301
Lamp: (1)ONE WHITE LED WITH CLEAR PATTERNED PLASTIC OPTICS BELOW
S/MH Ratio (0 degree plane): 0.4
(90 degree plane): 0.4
Total Fixture Lumens: 488
IES file: LTL18301.IES
Beam Angle: 21.47



DISTRIBUTION CURVE

DEGREES AT 0°	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	0	
85	0	0	0
75	0	0	0
65	0	0	0
55	4	4	1146
45	11	11	2557
35	33	33	
25	156	156	
15	661	661	
5	2269	2269	
0	2556	2556	

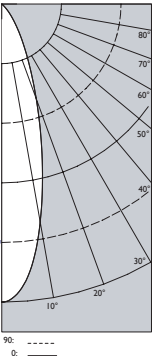
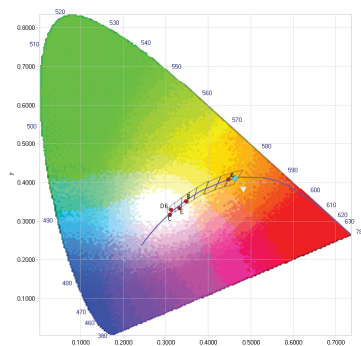
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% of LUMINAIRE
0-30	453.5	92.9%
0-40	476.3	97.6%
0-60	487.9	99.9%
0-90	488.2	100.0%
90-180	0.0	0.0%
0-180	488.2	100.0%

Total lumen Output 488.2 Lumens
Luminaire efficacy: 21.0 Lumens per Watt
CIE Type: Direct
Spacing Criterion: 0.37

CT7602F27

Report number: 19111
Lamp: (1)ONE WHITE LED WITH CLEAR PATTERNED PLASTIC OPTICS BELOW
S/MH Ratio (0 degree plane): 0.5
(90 degree plane): 0.5
Total Fixture Lumens: 426
IES file: LTL19111.IES
Beam Angle: 31.04



DISTRIBUTION CURVE

DEGREES AT 0°	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	0	
85	0	0	0
75	0	0	0
65	0	0	0
55	2	2	573
45	16	16	3719
35	82	82	
25	232	232	
15	575	575	
5	1027	1027	
0	1102	1102	

ZONAL LUMEN SUMMARY

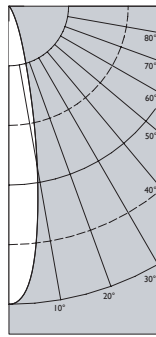
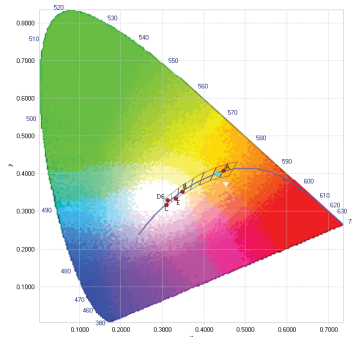
ZONE	LUMENS	% of LUMINAIRE
0-30	357.0	83.9%
0-40	410.0	96.3%
0-60	426.0	99.9%
0-90	426.0	100.0%
90-180	0.0	0.0%
0-180	426.0	100.0%

Total lumen Output 426 Lumens
Luminaire efficacy: 16.9 Lumens per Watt
CIE Type: Direct
Spacing Criterion: 0.37

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CT7602M3I

Report number: 18305
 Lamp: (1)ONE WHITE LED WITH CLEAR PATTERNED PLASTIC OPTICS BELOW
 S/MH Ratio (0 degree plane): 0.4
 (90 degree plane): 0.4
 Total Fixture Lumens: 614
 IES file: LTL18305.IES
 Beam Angle: 21.32



DISTRIBUTION CURVE

DEGREES	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	0	
85	0	0	0
75	0	0	0
65	0	0	0
55	4	4	1146
45	13	13	3022
35	44	44	
25	192	192	
15	821	821	
5	2922	2922	
0	3271	3271	

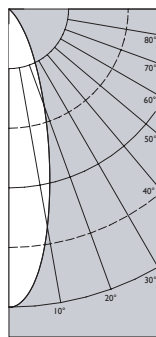
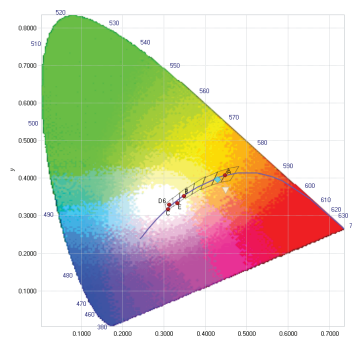
ZONAL LUMEN SUMMARY

ZONE	LUMENS	% of LUMINAIRE
0-30	571.3	93.0%
0-40	600.3	97.7%
0-60	614.3	100.0%
0-90	614.6	100.0%
90-180	0.0	0.0%
0-180	614.6	100.0%

Total lumen Output 614.6 Lumens
 Luminaire efficacy: 26.3 Lumens per Watt
 CIE Type: Direct
 Spacing Criterion: 0.36

CT7602F3I

Report number: 18307
 Lamp: (1)ONE WHITE LED WITH CLEAR PATTERNED PLASTIC OPTICS BELOW
 S/MH Ratio (0 degree plane): 0.5
 (90 degree plane): 0.5
 Total Fixture Lumens: 564
 IES file: LTL18307.IES
 Beam Angle: 31.20



DISTRIBUTION CURVE

DEGREES	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	0	
85	0	0	0
75	0	0	0
65	0	0	0
55	3	3	860
45	24	24	5579
35	115	115	
25	312	312	
15	743	743	
5	1320	1320	
0	1419	1419	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% of LUMINAIRE
0-30	467.1	82.8%
0-40	540.8	95.8%
0-60	564.3	100.0%
0-90	564.4	100.0%
90-180	0.0	0.0%
0-180	564.4	100.0%

Total lumen Output: 564.4 Lumens
 Luminaire efficacy: 23.2 Lumens per Watt
 CIE Type: Direct
 Spacing Criterion: 0.51

LOUVER

capri CL25
 Louver, 2-3/16" Dia.

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