

“CORE” T5 BATTEN LED – COMMERCIAL GRADE (Model: T5CC)
FEATURES:

- Replaces existing T5 fluorescent tubes; general lighting, cove lighting, etc.
- Low cost and affordable, yet durable and reliable
- 100 lm/W
- >30,000 hours design life
- Available in different length/wattage: 16W (4ft), 12W (3ft), 8W (2ft) and 4W (1ft)
- Integrated / batten type design
- Transparent caps to achieve more uniform light pattern at the joint
- Wide voltage range (180-305Vac) for protection against voltage fluctuations
- Surge protection (2.5kV) for protection against transient voltage

SPECIFICATIONS:

PARAMETERS	4ft (T5CC-160)	3ft (T5CC-120)	2ft (T5CC-80)	1ft (T5CC-40)
System Power	16W	12W	8W	4W
Color Temperature (CCT)	3000K, 4000K, 6000K (standard model)			
CRI	>70			
Luminous Flux	1600	1200	800	400
Input Voltage	180-305 Vac, 50/60 Hz			
Surge Protection	2.5 kV			
Power Factor	>0.9			
Power Supply Efficiency	90%			
Total Harmonic Distortion	<20%			
Dimming	Non-dimmable			
Beam Angle	140 Degrees			
Design Life	>30,000 hours			
Design	Integrated / batten type			
Housing Material	Aluminum			
Diffuser Material	Polycarbonate (frost)			
Product Size	L1180 x W23 x H35 mm	L880 x W23 x H35 mm	L570 x W23 x H35 mm	L300 x W23 x H35 mm
Packaging Size	L1250 x W25 x H38 mm	L950 x W25 x H38 mm	L650 x W25 x H38 mm	L340 x W23 x H35 mm
Net Weight	225g	190g	145g	85g
Gross Weight	345g	290g	195g	115g
Power Supply (SMPS)	Internal (Integrated)			

REVISION: 2
Date: 2017.03.09
Title: “CORE” T5 BATTEN LED – COMMERCIAL GRADE
Model: T5CC
SHEET No: 1 of 3
Version: 2.0

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PRODUCT PHOTOS:



ORDERING INFORMATION: e.g., T5CC-16030N-70140-12I

Series	Wattage		Color Temperature (CCT)		Dimming	CRI		Beam Angle (deg)		Length		Design
T5CC	160	16W	30	3000K	N Non-dimmable	70	Ra 70	140	140 Degrees	12	1200mm (4ft)	I Integrated
	120	12W	40	4000K						09	900mm (3ft)	
	80	8W	60	6000K						06	600mm (2ft)	
	40	4W								03	300mm (1ft)	

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PHOTOMETRIC TEST RESULTS:

Filename: Claro Core 16W T5 batten 4ft

Manufacturer: CLARO RESEARCH (SHENZHEN) CO., LTD.

Luminaire: CLARO “CORE” 16W T5 BATTEN 4ft

Luminaire Cat: T5 BATTEN LED

Lamp Output: Total luminaire Lumens: 1601.8

Max Candela: 397.6 at Horizontal: 170°, Vertical: 1.5°

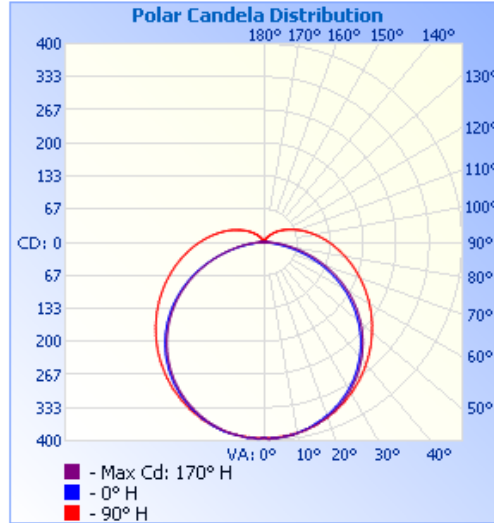
Input Wattage: 15.9

Luminous Opening: Rectangle w/Luminous Sides (L: 0.02M, W: 1.1M, H: 0.03M)

Photometry : Type C

CIE Class: Semi-Direct

Cutoff Class: Noncutoff



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	313.2	19.6%
0-40	520.9	32.5%
0-60	965.6	60.3%
60-90	450.4	28.1%
70-100	331.3	20.7%
90-120	152.9	9.5%
0-90	1,416.0	88.4%
90-180	185.9	11.6%
0-180	1,601.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	37.5	2.3%	90-100	73.2	4.6%
10-20	108.4	6.8%	100-110	48.9	3.1%
20-30	167.3	10.4%	110-120	30.8	1.9%
30-40	207.6	13.0%	120-130	18.0	1.1%
40-50	225.3	14.1%	130-140	9.2	0.6%
50-60	219.4	13.7%	140-150	4.1	0.3%
60-70	192.3	12.0%	150-160	1.3	0.1%
70-80	151.0	9.4%	160-170	0.2	0%
80-90	107.1	6.7%	170-180	0.0	0%

