

“NITOR” 16W T8 LED TUBES – COMMERCIAL GRADE (Model : T8CN)

FEATURES:

- Designed for commercial applications
- High efficiency: 100 lm/W
- Wide input voltage range (90-305VAC) for protection against voltage fluctuation
- 2.5kV surge protection for protection against transient voltage
- Nano plastic structure offers high light transmission and smooth, comfortable light texture
- 30,000 hours design life
- EMC compliant power supply (for TIS version)
- Available wattage/length: 16W / 1200mm, 8W / 600mm
- Applications: private residences, offices, parking lots, shopping malls, etc



TIS 1955-2551

SPECIFICATIONS*:

Model Number	T8CN-160 (1200mm)	T8CN-80 (600mm)
System Power	16W	8W
Color Temperature (CCT)	3000K, 4000K, 6500K (standard model)	
CRI	>80 Ra	
Luminous Flux	1600 lm	800 lm
Input Voltage	90-305 Vac, 50/60 Hz	
Surge Protection	2.5 kV	
Power Factor	> 0.9	
Power Supply Efficiency	90%	
Total Harmonic Distortion	< 20%	
Operating Temperature	-20°C ~ +40°C	
Dimming	Non-dimmable	
Beam Angle	160 Degrees	
Design Life	30,000 hours	
Housing/Diffuser Material	Nano Plastic (frost)	
Product Size	φ26 x 1207 mm	φ26 x 605 mm
Net Weight	95g	60g
Packaging Size	L1275 x W230 x H230 mm	L675 x W230 x H230 mm
Quantity / Carton	25 pcs	
Gross Weight	7kg	4kg

*Specification is subject to change without notice.

REVISION: 0

Title: CLARO “NITOR” T8 LED TUBE – COMMERCIAL GRADE

Model: T8CN

SHEET No: 1 of 3

Date: 2017.09.05

Version: 1.0

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PRODUCT PHOTO:



TIS 1955-2551



Nano plastic structure offers high light transmission and smooth, comfortable light texture

ORDERING INFORMATION: e.g., T8CN-16065N-80160-12F

Series	Wattage	Color Temperature (CCT)		Dimming	CRI	Beam Angle (deg)	Length		Cover			
T8CN NITOR	160	16W	30	3000K	N Non-dimmable	80 Ra 80	180	160 Degrees	12	1200mm (4ft)	F	Frost
	80	8W	40	4000K								
	65	6500K										

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Title: CLARO “NITOR” T8 LED TUBE – COMMERCIAL GRADE

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“NITOR” 16W T8 LED TUBES – COMMERCIAL GRADE (Model : T8CN)

PHOTOMETRIC TEST REPORT:



TIS 1955-2551

Filename: T8CN-160

Manufacturer: EPITAX PTE LTD (SINGAPORE)

Lamp: CLARO "NITOR" T8 16W LED TUBE

Lamp Cat: LED T8

Lamp Output: Total luminaire Lumens: 1582.6

Max Candela: 360.9 at Horizontal: 0°, Vertical: 1°

Input Wattage: 15.9

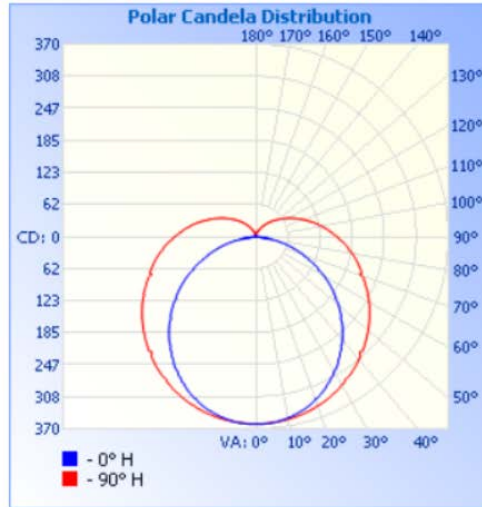
Luminous Opening: Horiz Cylinder along Photometric Horizontal (Dia X: 0.03M, Dia Y: 1.2M, H: 0.03M)

Test Date: 2017-07-19

Photometry : Type C

CIE Class: Semi-Direct

Cutoff Class: Noncutoff

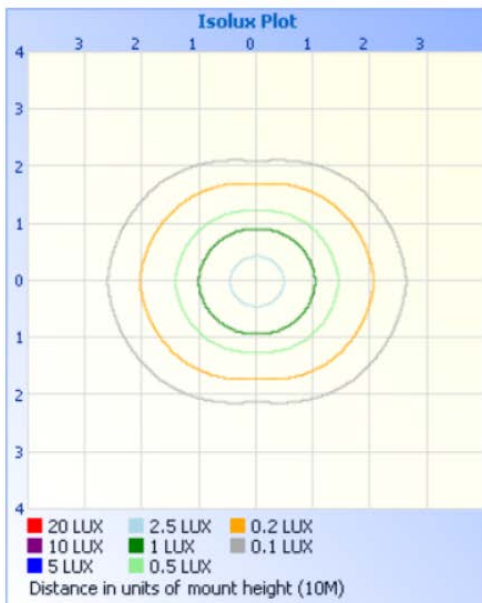


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	284.6	18%
0-40	473.0	29.9%
0-60	880.1	55.6%
60-90	448.2	28.3%
70-100	354.4	22.4%
90-120	196.5	12.4%
0-90	1,328.3	83.9%
90-180	254.3	16.1%
0-180	1,582.6	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	34.2	2.2%	90-100	88.0	5.6%
10-20	98.6	6.2%	100-110	64.5	4.1%
20-30	151.9	9.6%	110-120	44.1	2.8%
30-40	188.3	11.9%	120-130	28.0	1.8%
40-50	204.9	13.0%	130-140	16.3	1%
50-60	202.1	12.8%	140-150	8.4	0.5%
60-70	181.8	11.5%	150-160	3.6	0.2%
70-80	150.9	9.5%	160-170	1.2	0.1%
80-90	115.5	7.3%	170-180	0.2	0%



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