

“TENVIS” SURFACE MOUNT LIGHT (Model : SMCT)

FEATURES:

- Offers flexible mounting options: ceiling or wall mount
- Compact and simple design that naturally mingles with any type of atmosphere
- Low cost and affordable, yet durable and reliable
- 110 lm/W
- >40,000 hours design life
- Available in different length/wattage: 36W (1200mm) and 18W (600mm). Custom length/wattage is also available.
- Wide voltage range (90-305Vac) for protection against voltage fluctuations
- Surge protection (2.5kV) for protection against transient voltage



TIS 1955-2551

SPECIFICATIONS*:

Model Number	SMCT-180	SMCT-360
System Power	18W	36W
Color Temperature	2700K, 3000K, 4000K, 5000K, 5700K, 6500K	
CRI	>80 Ra	
Luminous Flux	2000 lm	4000 lm
Luminous Efficacy	110 lm/W	
Input Voltage	90-305 Vac, 50/60 Hz	
Surge Protection	> 2.5 kV	
Power Factor	> 0.95	
Power Supply Efficiency	> 90%	
Total Harmonic Distortion	< 20%	
Operating Temperature	-20°C ~ +40°C	
Dimming	Non-dimmable (Optional dimmable)	
Beam Angle	140 Degrees	
Design Life	40,000 hours	
Housing Material	Aluminum	
Diffuser Material	Polycarbonate	
Product Size (mm)	600x74x24	1200x74x24
Net Weight (kg)	.17	.33

* Specifications are subject to changes without notice.

REVISION: 0

Title: CLARO “TENVIS” SURFACE MOUNT LIGHT LIGHT

Model: SMCT

SHEET No: 1 of 3

Date: 2017.12.15

Version: 1.0

“TENVIS” SURFACE MOUNT LIGHT (Model : SMCT)

PRODUCT PHOTO:



TIS 1955-2551



ORDERING INFORMATION: e.g., SMCT-36030N-80140-12

Model	Wattage	CCT	Dimming	CRI	Beam Angle	Length
SMCT “TENVIS” SURFACE MOUNT LIGHT	360 36W	27 2700K	N Non-dimmable D Dimmable	80 Ra 80	140 140°	12 1200mm
	180 18W	30 3000K				06 600mm
		40 4000K				
		50 5000K				
		57 5700K				
		65 6500K				

REVISION: 0

Date: 2017.12.15

Title: CLARO “TENVIS” SURFACE MOUNT LIGHT LIGHT

Model: SMCT

SHEET No: 2 of 3

Version: 1.0

“TENVIS” SURFACE MOUNT LIGHT (Model : SMCT)



TIS 1955-2551

PHOTOMETRIC TEST RESULT*: 36W 1200mm

Filename: SMCT-360

Manufacturer: EPITAX PTE LTD (SINGAPORE)

Luminaire: CLARO “TENVIS” 36W 1200mm SURFACE MOUNT LIGHT

Luminaire Cat: SURFACE MOUNT LIGHT

Lamp Output: Total luminaire Lumens: 3991.8

Max Candela: 1,145.7 at Horizontal: 0°, Vertical: 0°

Input Wattage: 35.8

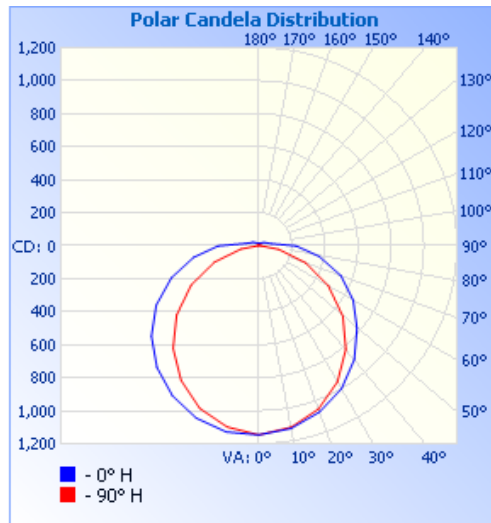
Luminous Opening: Rectangle w/Luminous Sides (L: 1.2M, W: 0.15M, H: 0.04M)

Test Date: 2017-12-14

Photometry : Type C

Cutoff Class: Noncutoff

Nema Type: 7 X 7

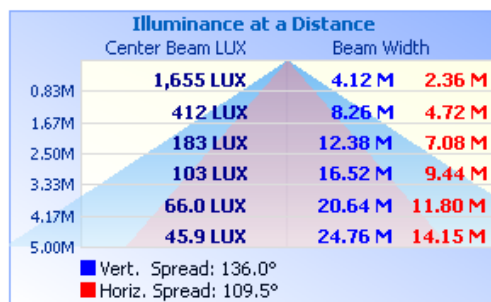
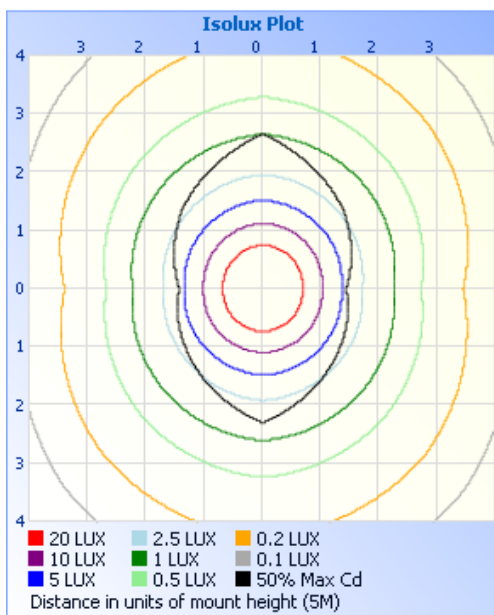


Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.5%	3,810.6	160.3	195.5
Beam (50%):	69.3%	2,765.7	109.5	136
Total:	100.1%	3,995.2		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	893.5	22.4%
0-40	1,475.9	37%
0-60	2,690.5	67.4%
60-90	1,083.9	27.2%
70-100	677.1	17%
90-120	160.0	4%
0-90	3,774.4	94.6%
90-180	217.5	5.4%
0-180	3,991.8	100%



*Photometric results of only 36W are presented. Test results of other wattages are available upon request.

REVISION: 0

Title: CLARO “TENVIS” SURFACE MOUNT LIGHT LIGHT

Model: SMCT

SHEET No: 3 of 3

Date: 2017.12.15

Version: 1.0