

WWW.WONYGROUP.COM

WONY GROUP LED LIGHT PROFILE

Save today,
Survive tomorrow,
live smart.

Whatsapp : 00601131677310
Email : Inquiry@wonygroup.com



WONY GROUP– Malaysia

**Smart automation for
healthy air and water &
energy saving**





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— ABOUT WONNY GROUP

Based in Malaysia on 2010 WONNY SDN BHD (WSD) started the business of LED LIGHT as one of the solutions of major and crucial Energy Saving Sector (ECS)

WSD walked 2 ways in the start, 1 way is to buy and sell the local brands in Malaysia, the other way is to R&D the LED light.

The first step on R&D was the search on the average ECS percentage from the total Energy consumption, after searching many countries statistical reports we decided to focus on the USA reports because they have more accurate studies in this regard, this study gave us a clear vision that LIGHTING is the BIGGEST

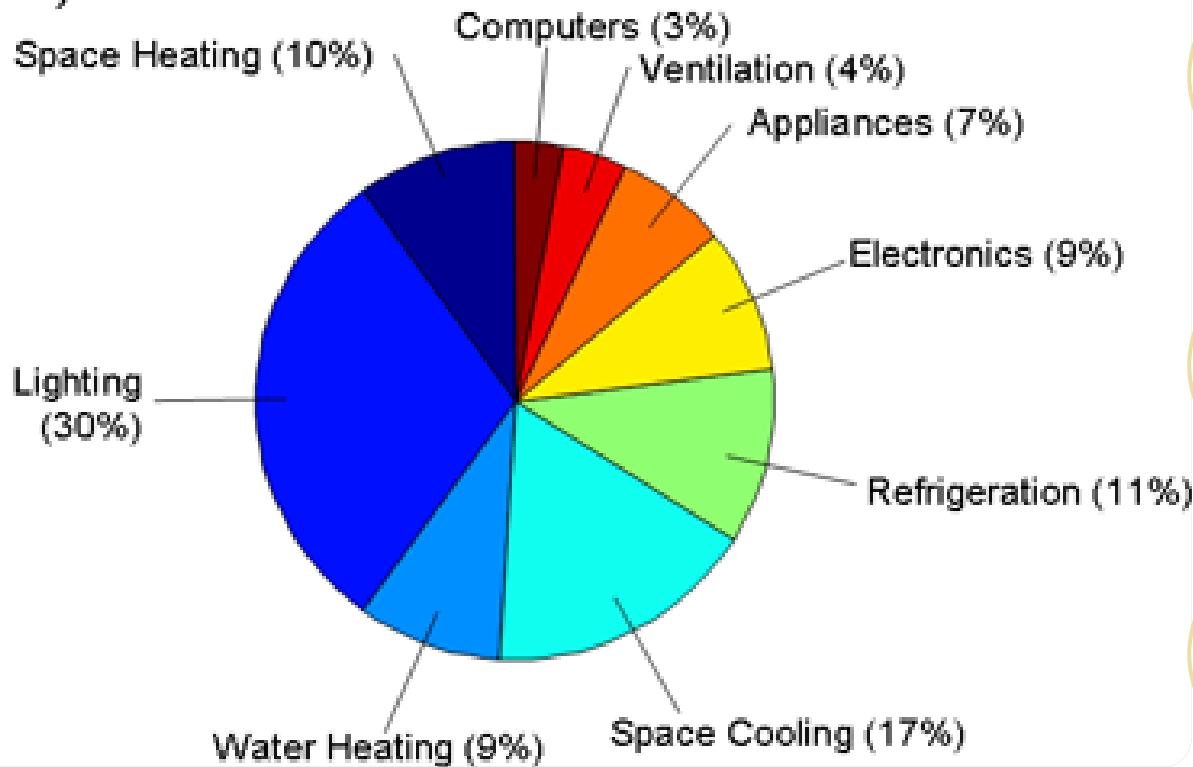


wonny can satisfy most of your comfort life requirements . we consult , design and provide all features that needed for saving energy, smart and green life

energy consumer as seen from the graph below:

Reference: <https://www.eecs.mit.edu/eecsenergy/efficiency.html>

Total 2390 TWh
(2005)



The 30% encouraged us to keep focus on LIGHTING INDUSTRY especially for 3 sections:



1- BUILDINGS UNDER CONSTRUCTION



2- BUILDINGS UNDER RENOVATION (RETROFIT PROJECTS)



3- EXPORT PROFESSIONAL LIGHTING PARTS TO LIGHTING ASSEMBLY FACTORIES IN OVERSEAS

WONY LED LIGHT

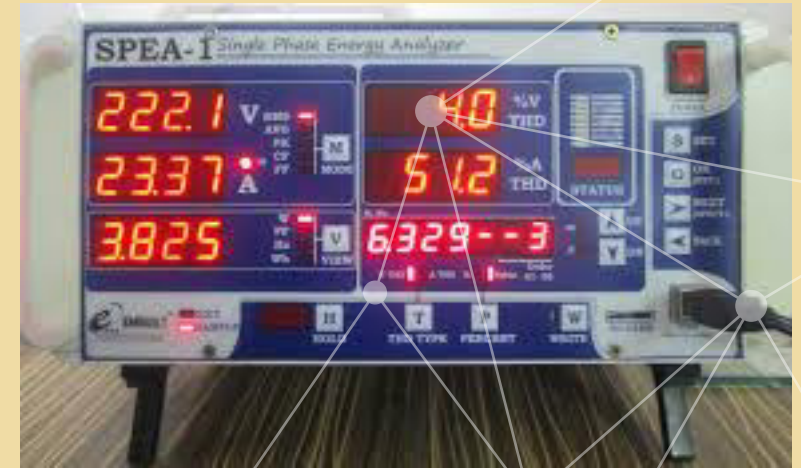
**WHY YOU
SHOULD CHOOSE
WONY LIGHTS
FOR YOUR
PROJECT:**



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WONY LED LIGHT

A- WONY use its professional tools and equipment to produce the necessary light reports of electrical, photometric, performance simulation in each space of your project based on the give project CAD files

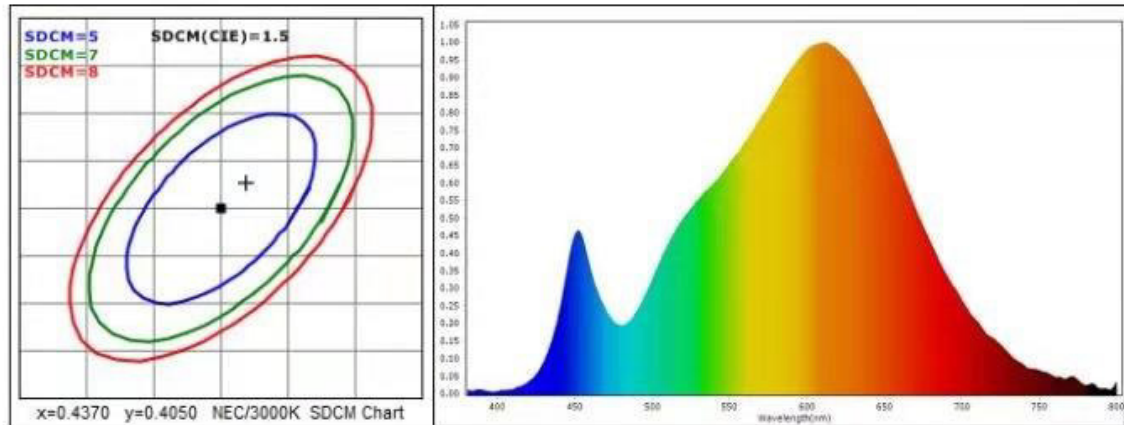


WONY LED LIGHT

CIE Color Parameter

Chromaticity coordinates: $x=0.4397$ $y=0.4082$ $u=0.2506$ $v=0.3489$ $u^*=0.2506$ $v^*=0.5234$
 Color temperature: 2991 K ($duv=+0.00125$) Color difference: SDCM(CIE)=1.5 Main Wl: $\lambda_d=491.02$ nm Purity: 0.019
 Peak wavelength: $\lambda_p=610.4$ nm Centroid wavelength: 588.9 nm FWHM: $\Delta\lambda_p=152.8$ nm Color ratio: R=0.249 G=0.729 B=0.022

Color rendering index: Ra=86.3 Color Fidelity: Rf=87.73 Color Gamut: Rg=97.28
 R1=82.4 R2=89.1 R3=95.4 R4=89.9 R5=88.9 R6=92.3 R7=85.2 R8=66.7
 R9=28.9 R10=76.5 R11=88.8 R12=74.9 R13=83.3 R14=97.0 R15=76.7



Optical Parameter

Luminous flux: 1011.14 lm luminous efficiency: 97.32 lm/w Radiant flux: 3.313 W
 Energy efficiency index (EEI): 0.134 Energy efficiency class: A+ (EU 874/2012)

Electrical Parameter

Voltage(V): 110.80 Current(A): 0.0940 Watto(W): 10.390 Power factor: 0.9970

Test Information

Temperature : 25.0 Deg C Humidity : 65%
 Test range : 380-800nm : 1nm Peak AD. : 49055 (74.9%)
 Preheat time : 0(min) Integral time. : 147.06 (ms)

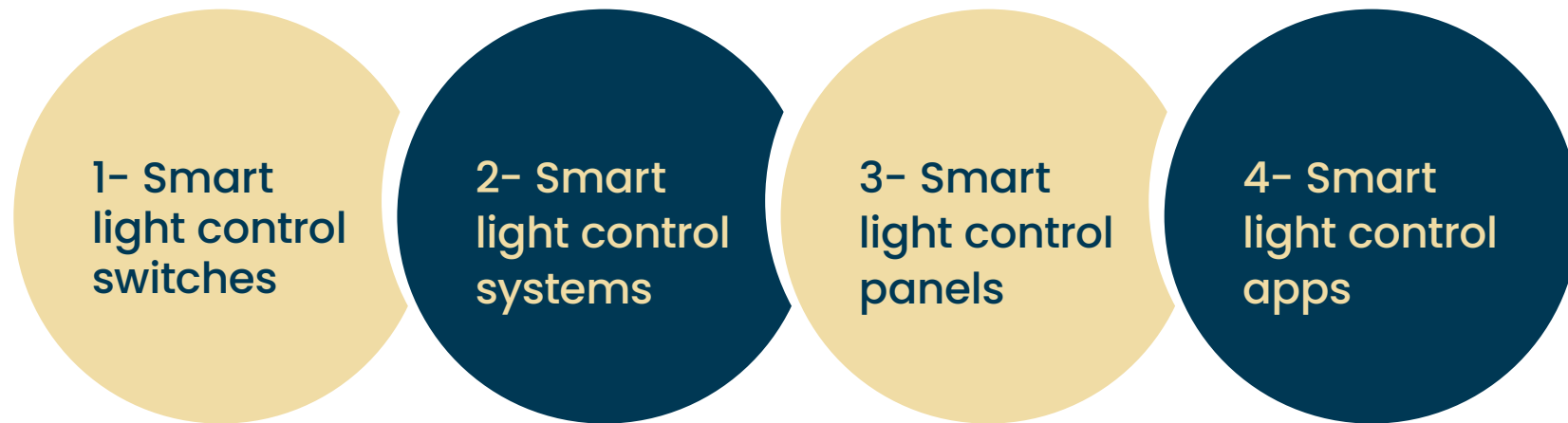
WONY LED LIGHT

B-WONY warranty is minimum 5 years for projects under construction or renovation because WONY always use the highest quality drivers and light sources from the very famous brands



WONY LED LIGHT

C- WONY is expert of the up-to-date light control, light wiring, light integration solutions:



WONY lights = highest quality = lowest kwh consumption= cheapest cost at given quality= Max ROI

Short list of WONY light projects

A-Residential Projects

WONY LED LIGHT

1-Avantas
Residence



WONY LED LIGHT

2- Prima Bayu – Malaysia

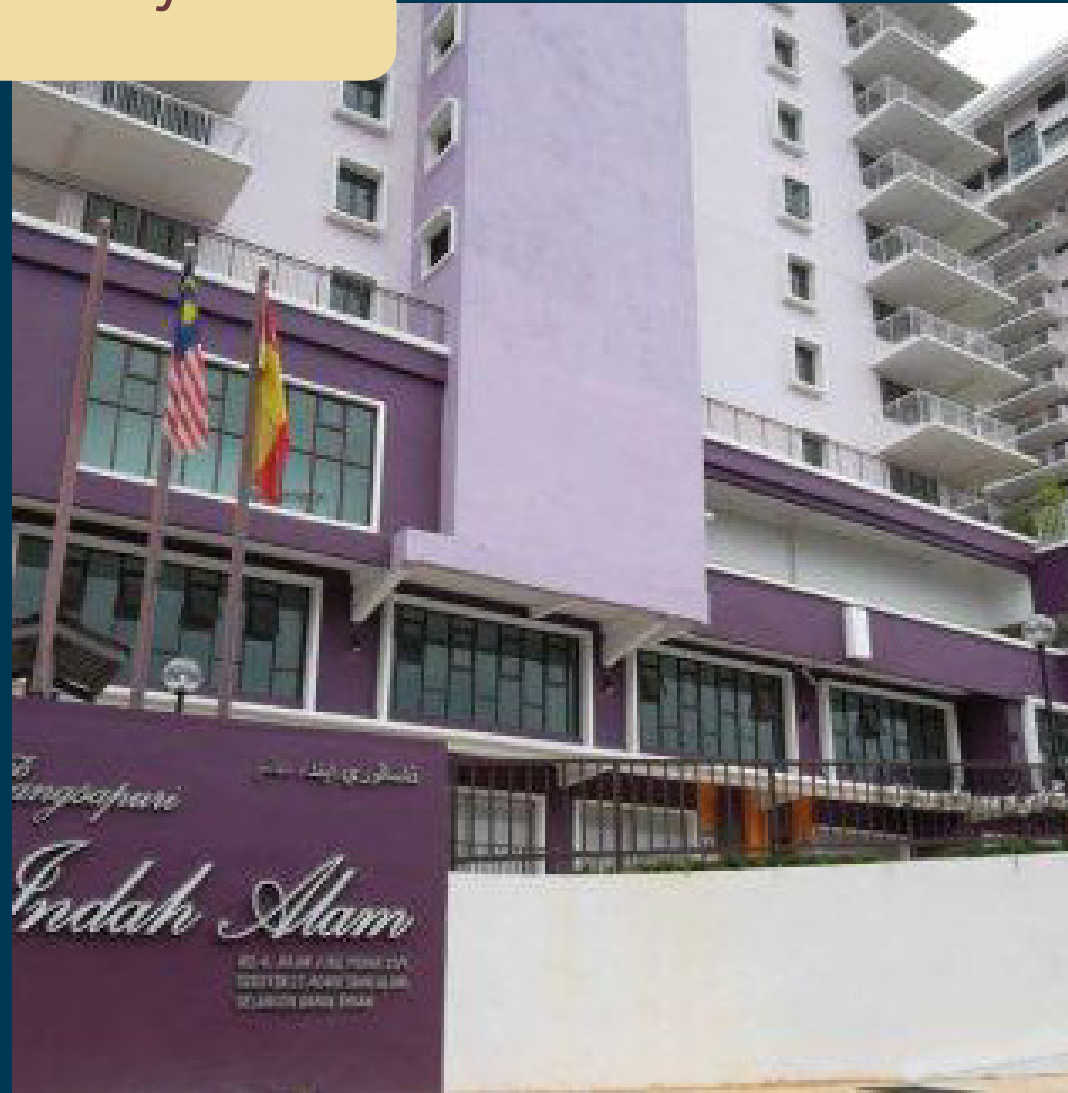


WONY LED LIGHT

3- BBK Malaysia



4- Indah Alam Malaysia



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5- X2- Residence- Malaysia



WONY LED LIGHT

6- Bayu Villa – Malaysia



WONY LED LIGHT

7- Bukit Cheras



WONY LED LIGHT

Short list of WONY light projects

B-Commercial & Industrials

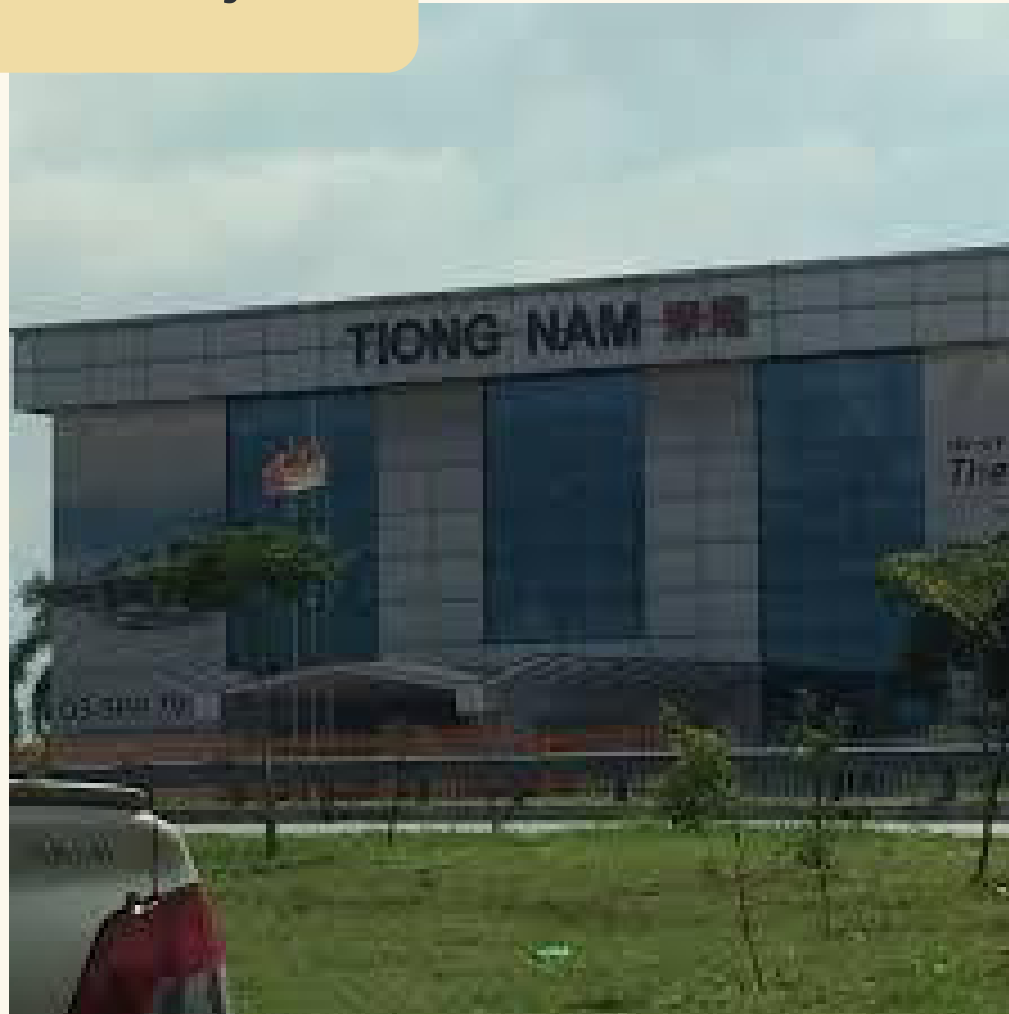
WONY LED LIGHT

1-Pine Tree
Hotel –
Malaysia



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2– Tiong Nam HQ Malaysia



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3-Tiong Nam Logistic City – Malaysia



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4-Tiong Nam cold storage Malaysia



5- Government and semi government – Egypt



Contact us

INQUIRY@WONYGROUP.COM

MENARA KECK SENG, SUITE 33-01, 33RD
FLOOR, BUKIT BINTANG ST, MALAYSIA,
55100 KUALA LUMPUR, MALAYSIA

+60 3-2149 9347

WWW.WONYGROUP.COM