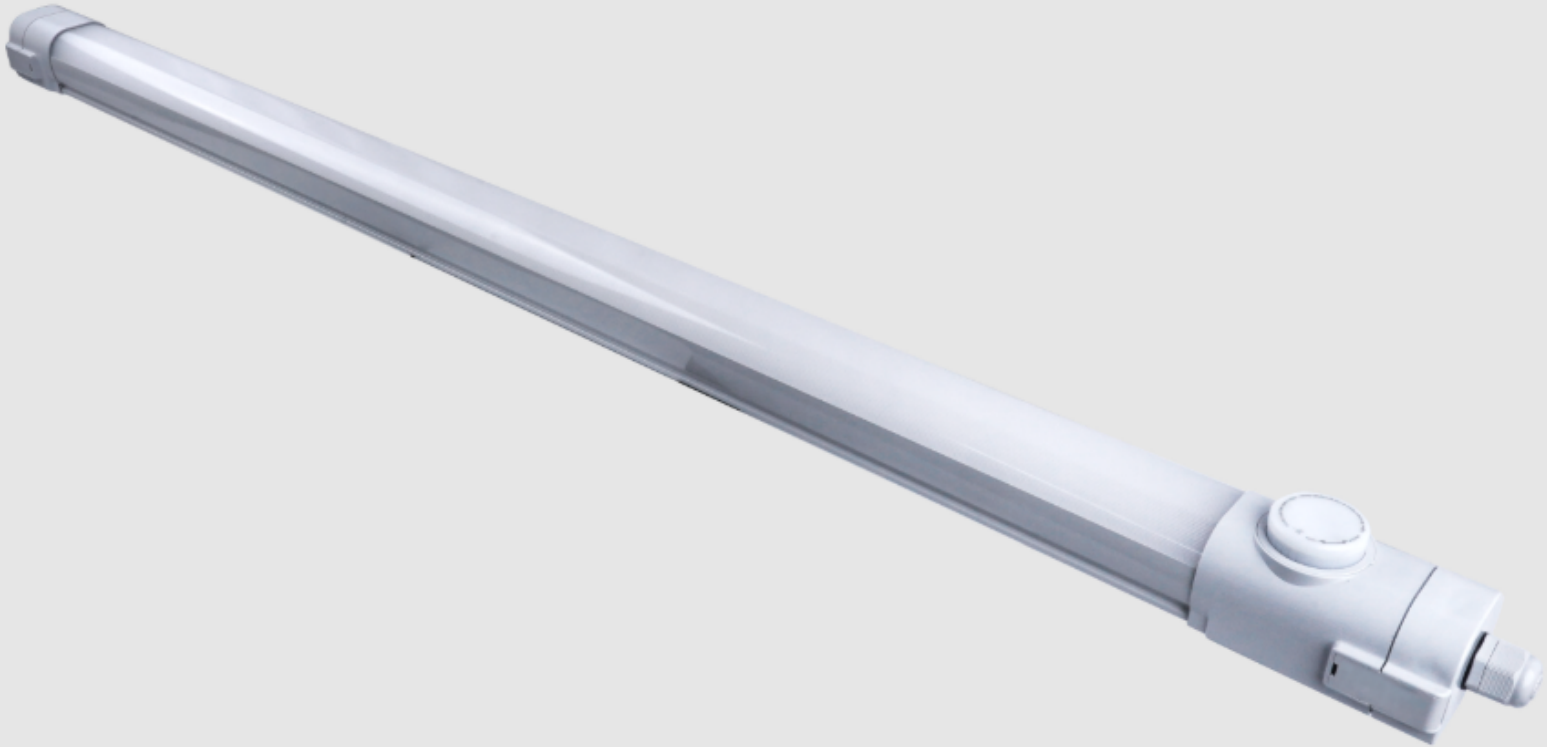


LONON-ZIGBEE

MAX 50W IP66



ZigBee Mesh
Network Control



Motion Sensor



Zoning & Grouping



Magic Wand
Remote Control



Daylight Sensor



On/Off Control

- ZigBee mesh network smart controls.
- Daylight and Motion Sensors.
- Easy Grouping without Gateway via DMT-Z Remote Control
- Automatic ON/OFF or Dimming Function with smart sensing (Daylight, Motion) for maximum energy saving.
- Efficiency up to 160lm/W.
- Smart Modules: ZigBee Module ; PIR Motion Sensor Module; Infrared Daylight Sensor Module

Technical Data

Luminaire Type-安裝方式 Tipo de luminaria	Pendent mounted Type / Surface mounted Type 吊裝燈具\嵌入式燈具\吸頂式燈具 Pendent tipo \ Surface mounted
Dimension-尺寸-Dimensión Net Weight 淨重(kg)	• 2feet L: 600 x W: 74.2 x H: 65.6 mm / 0.62kg • 4feet L: 1222 x W: 74.2 x H: 65.6 mm / 0.99kg • 5feet L: 1445 x W: 74.2 x H: 65.6 mm / 1.4kg
Power Consumption Max-燈具功率 Consumo de energía Max	• 20W @2feet • 40W@4feet • 50W@5feet
Input Voltage-輸入電壓-Voltaje de entrada	AC200-240V 50/60Hz
LED Driver Type LED驅動款式 Tipo de controlador LED	Integrated-type LED Driver--Refer to LED driver specification 請參閱LED驅動器規格 Consulte la especificación de controlador de LED 1.Zigbee LED Driver
LED Driver Features驅動特性 Funciones del controlador de LED	POWER FACTOR : PF>0.95 TOTAL HARMONIC DISTORTION: THD< 10%
Control 控制Control	• Zigbee Wireless Control -10V PWM dimming 10V PWM 調光 • Built-in MID sensor內置MID感測器: • Microwave motion sensor (sensing angle: 75° or 120° max, sensing distance: 6 meters max) 微波移動人體感應 (感應角度: 75° 或 120° Max 感應距離: 6米 Max) • Infrared light sensor (adjustable from 0 to 2000 Lux) 紅外照度光感 (0~2000 Lux 可調) • Remote control distance: 10 meters 遙控距離: 10米 • Brightness holding-Time Setting亮度保持時間設置: 10s 30s 1m 3m 5m 10m 30m 45m 60m s : second m: minute • Brightness on Standby Setting:待機亮度設置: OFF 10% 20% 30% 50% 60% 70% 80% 90% 100%
Beam Angle 光束角 ángulo de haz	110°
Photobiological safety-EN 62471 / of Luminaire 光生物安全檢驗(EN 62471) 結果: Seguridad fotobiológica-EN 62471	Exempt豁免(無危險)Eximir
"Lumen Maintenance LM-80 Reported by TM-21	L70> 60,000 hrs
Color Rendering Index-顯色指數 Índice de reproducción cromática	> 80
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning ellipse	Standard Deviation Colour Matching < 3 SDCM 標準偏差配色< 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM
Color Temperature -色溫 Temperatura del color	4000K / 5000K / 5700K / 6500K
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	125 Lm/w(4000K), 130 Lm/w(5000K), 135 Lm/w(5000K), 135 Lm/w(6500K),
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	160 Lm/w(4000K), 170 Lm/w(5000K) 180 Lm/w(5700K), 180 Lm/w(6500K),
Housing materials-外殼材料 Materiales de la carcasa	Anti UV PC (polycarbonate) cover 抗紫外線PC 擴散罩 cubierta de PC (polycarbonato) anti UV
Housing Color外殼顏色color de la carcasa	White 乳白
Operating Humidity -工作濕度 Humedad de funcionamiento	0~100%, non-condensing-不結霜 sin condensación
Ingress Protection-防護等級 Protección de ingreso	IP65
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK10
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LVD: IEC/EN 60598-1 / IEC/EN 60598-2-1/ IEC 62031 / IEC/ EN 62471/IEC TR62778 / EN60838-2-2 EMC : IEC/EN 61347-1; IEC/EN 61347-2-13; IEC/EN 62384; IEC/EN 61000-3-2; IEC/EN 61000-3-3;IEC/EN61574;EN 55015 IEC62384 ; IEC 62560:2011;IEC 62612; IEC 62766; IEC 62722-1 & IEC 62722-2-1; ROHS
Certification-認證-Certificación	      

Project	Fixture#	Date
		Firm

Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [LONON-40W](#)

LONON

-

[Power Consumption](#)

Power Consumption	
Code	Description
20W	20W@2feet
40W	40W@4feet
50W	50W@5feet

Smart Modules-Option



Microwave Motion Sensor or PIR Motion Sensor Module

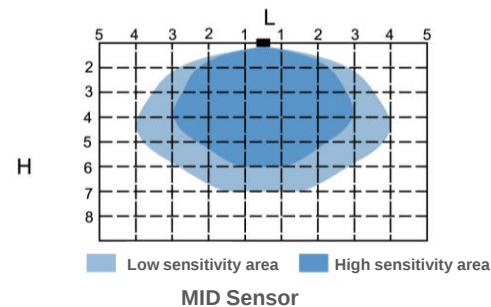
Sensor Parameters (MID)

Sensing Angle	120°
Sensing Distance	6 m
Light Sensing Range	0~2000 Lux(Infrared Daylight)
Remote Control Distance	10 m

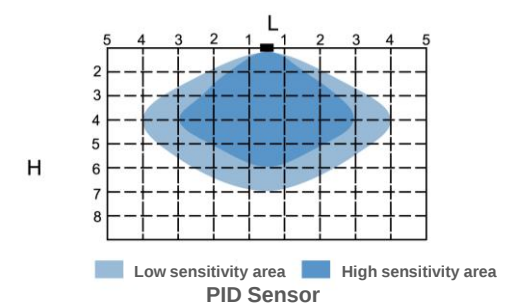
Sensor Parameters (PID)

Sensing Angle	75°
Sensing Distance	6 m
Light Sensing Range	0~2000 Lux(Infrared Daylight)
Remote Control Distance	10 m

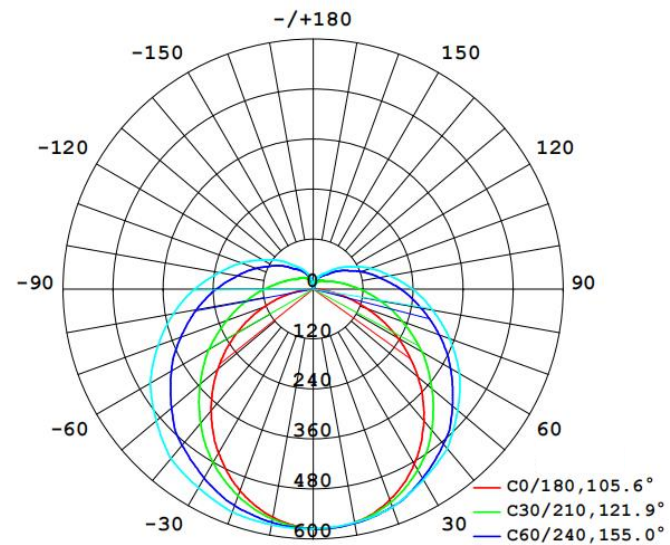
Sensing Angle(MID)



Sensing Angle(PID)

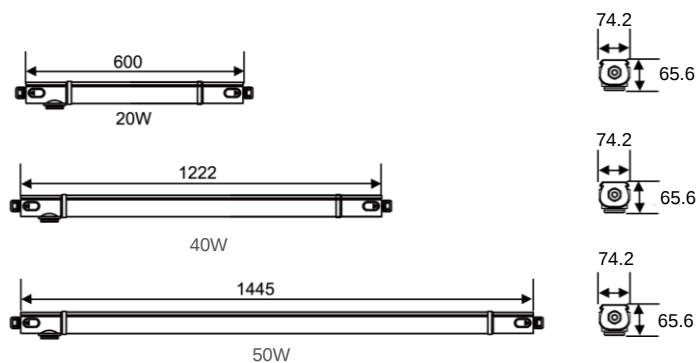


Beam Angle



Average Beam Angle (50%): 110DEG

Technical Drawing

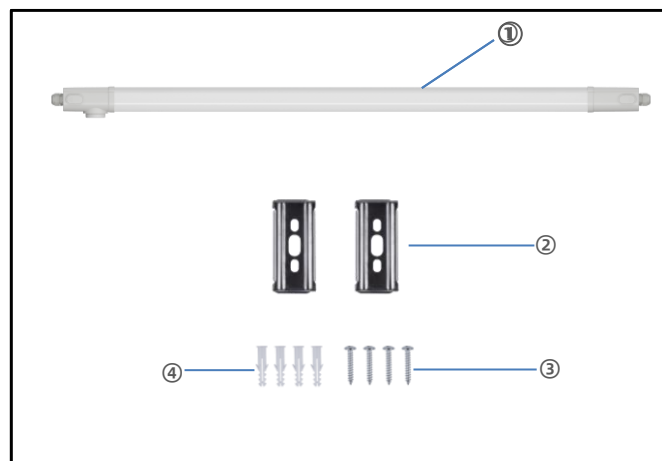


Unit MM

Power	Length (mm)	Width (mm)	Height (mm)
20W	600	74.2	65.6
40W	1200	74.2	65.6
50W	1500	74.2	65.6

DIMON
TECHNOLOGY

Standard Kit



Serial Number	Description	Quantity
①	LED Tri-pool Light	1
②	Stainless steel Buckle	2
③	Expansion screw	4
④	Plastic expansion plug	4

Technical Specification of DMT-Z Zigbee Control

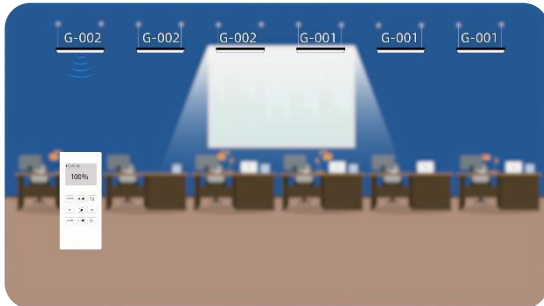


Lamp group linkage effect



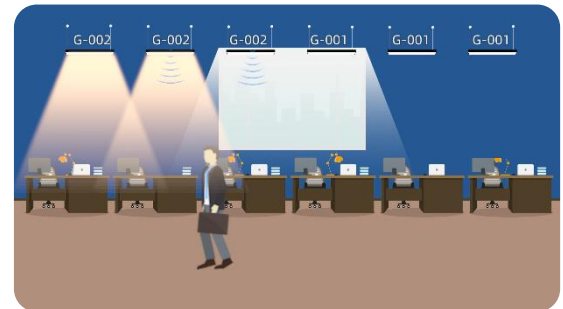
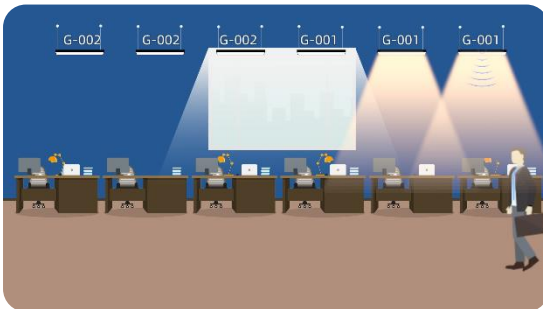
When the ambient light is relatively bright,
the lamp remains off

- By adopt the standard ZigBee technology "DMT-Z" has the inborn advantages like long transmission distance, multiple channels and mesh network
- Users can set the sensor parameters and brightness of one group or individual lamp with one button
- in one group, the motion sensors work together with daylight sensors to control the grouped and individual lamp according to the ambient brightness



The “ZIGBEE” smart light of DIMON are embedded with motion sensor and daylight sensor, using a “DMT-Z” remote control, users can set grouping and parameters very fast and convenient.

By adopting the standard ZigBee technology, “ZIGBEE” has the inborn advantages like long transmission distance, multiple channels and mesh network.



Users can set the sensor parameters of one group or individual lamp with one button, and change lamp brightness. In one group, the motion sensors work together to control these grouped lamps, and the daylight sensors control the individual lamps on/off according to the ambient brightness.

The ZIGBEE serial include panel, linear light, tri-proof light, highbay, LED tube. This kind of smart lamps can be used for industrial and commercial area, example offices, warehouses, factories, parking and others.