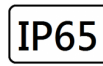


EKO (ZIGBEE)

30W Max IP65



ZigBee®



ZigBee Mesh
Network Control



Motion Sensor



Zoning & Grouping



Magic Wand
Remote Control



Daylight Sensor



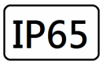
On/Off Control

- 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.
- Power 12W~30W optional by DIP switch.
- Efficiency up to 130lm/W.
- Smart Modules: ZigBee Module ; PIR Motion Sensor Module; Infrared Daylight Sensor Module

Technical Data

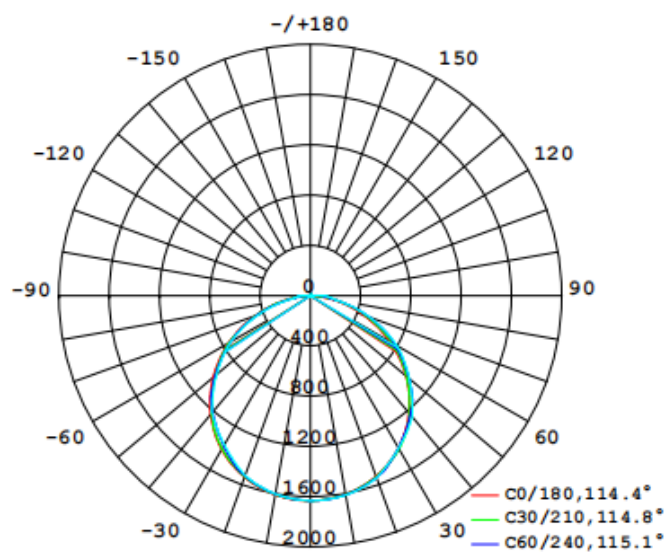
Installation method / 安裝方式 / Metodo de instalacion

Ceiling or Wall Mount Type吸頂或吸壁安裝Tipo mount en el techo

Power Consumption with LED Driver LED燈具包括LED驅動電源功率 Consumo de energía con controlador de LED	• 30W Built-In Function 12W~30W (By DIP switch) 內建功能 12W~30W透過 DIP 開關)
Input Voltage / 輸入電壓/Voltaje de entrada	220-240VAC/50-60HZ Surgeprotection 3KV
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: 110° max, sensing distance: 3 meters max) 微波移動人體感應 (感應角度: 110° Max 感應距離: 3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
Power Factor / 功率因數/Factor de potencia	PF>0.95
Total Harmonic Distortion / 總諧波失 / Distorsión armónica total	THD <10%
Light Source Brand / 光源品牌 Fuente de luz de marca	OSRAM Blue Light Risk Group of LED Flood Light : RG1 (Risk Group 1)
"Lumen Maintenance LM-80 Reported by TM-21"	L70 >60,000 hours
LED Life-LED壽命-La vida del LED	>100,000 hours
Color Temperature色溫 Temperatura y color	3000K 4000K 5000K 6500K
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 < SDCM 標準偏差配色 < 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM
Beam Angle光束角ángulo de haz	110°
Luminaire Efficacy燈具效率 La eficacia de la luminaria	110 Lm/w(3000K) 120 Lm/w(4000K) 130 Lm/w(5000K) 130 Lm/w(6500K)
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	150 Lm/w(3000K) 160 Lm/w(4000K) 170 Lm/w(5000K) 170 Lm/w(6500K)
Housing materials外殼材料 Materiales de la carcasa	Die-cast aluminium and Anti UV Polycarbonate OPA diffuser 壓鑄鋁和抗紫外線PC 乳白擴散器 Difusor OPA de Aluminio inyectado y Policarbonato Anti UV
Housing Color 外殼顏色 color de la carcasa	Sand White RAL 9003 / Sand Black RAL 9005 / Sand Gray RAL9006 砂白RAL 9003 / 砂黑 RAL 9005 / 砂灰色 RAL9006 Blanco arena RAL 9003 / Negro arena RAL 9005 / Gris arena RAL9006
Ingress Protection-防護等級 Protección de ingreso	IP65
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK10
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-20 °C / +45 °C
Storage Temperature 儲藏溫度 Temperatura de almacenamiento	-40 °C / +70 °C
Operating Humidity -工作濕度Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Dimension尺寸 Dimensión	Dia 276 x 50mm Exposed wire length(mm): 150mm
Net Weight淨重Peso Neto	1.17kg
Certificate Standard Complied 符合安規標準 estándar certificado de cumplimiento	LED Luminaries: IEC / EN 60598-1; IEC/EN 60598-2-1; IEC TR62778 IEC62471 (RG1); IEC 62031; EN62493 RoHS LED Driver: 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
Certification-認證-Certificación	      

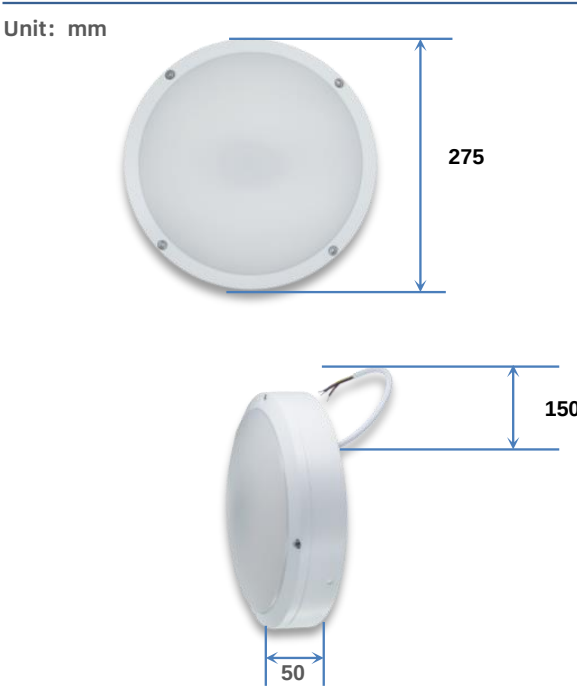
BEAM ANGLE

DIMON
TECHNOLOGY



Average Beam Angle (50%): 110DEG

Technical Drawing



Emergency Function (Optional)



POWER	Diameter (mm)	Height (mm)	Exposed wire length(mm)
30W Max	275	50	150±20

Technical Specification of DMT-Z Zigbee Control



Lamp group linkage effect



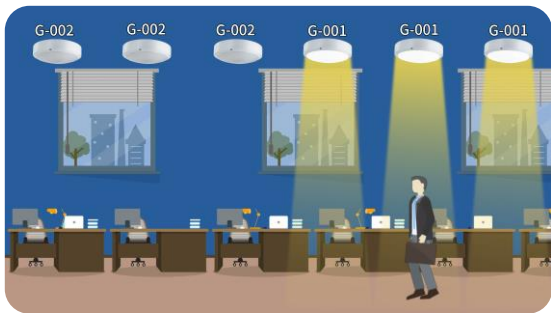
When the ambient light is relatively bright,
the lamp remains off

- 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

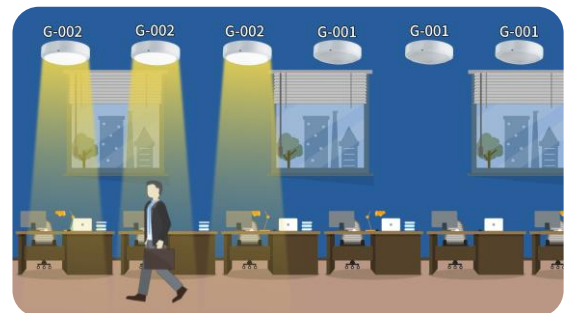


The “ZIGBEE” smart light of DIMON are embedded with motion sensor and daylight sensor, using a “DMT-Z” remote control, users can set grouping and parameters very fast and convenient.

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.