








CHEYA-C

D300-400mm 40W Max IP66

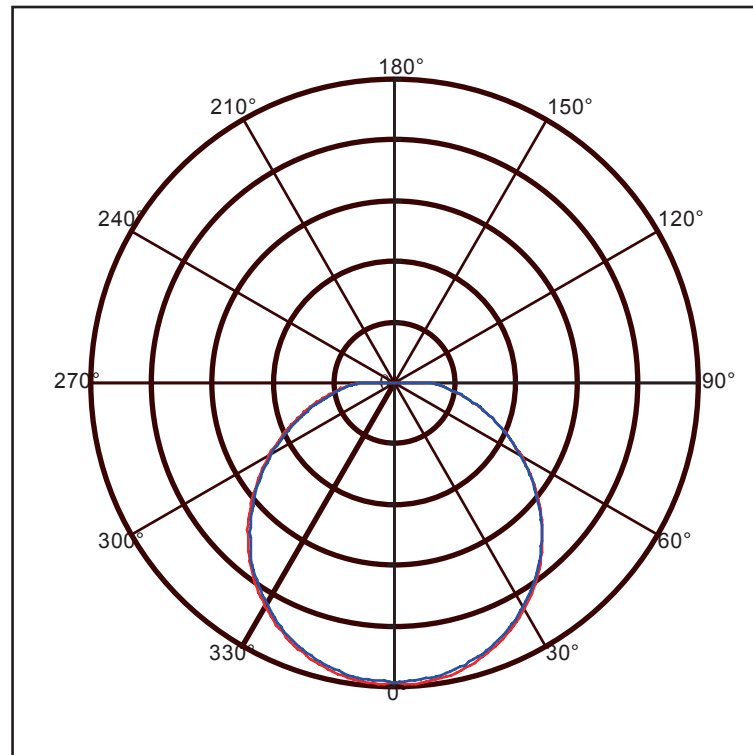


The LED Ceiling Light is finished by Polycarbonate base with vandal resistant and anti Polycarbonate in opal diffuser which is self-extinguishing fire properties. And, It is able to be controlled by dimmable microwave sensor control , 1-10V and DALI. Excellent Protection in IP66 and IK10

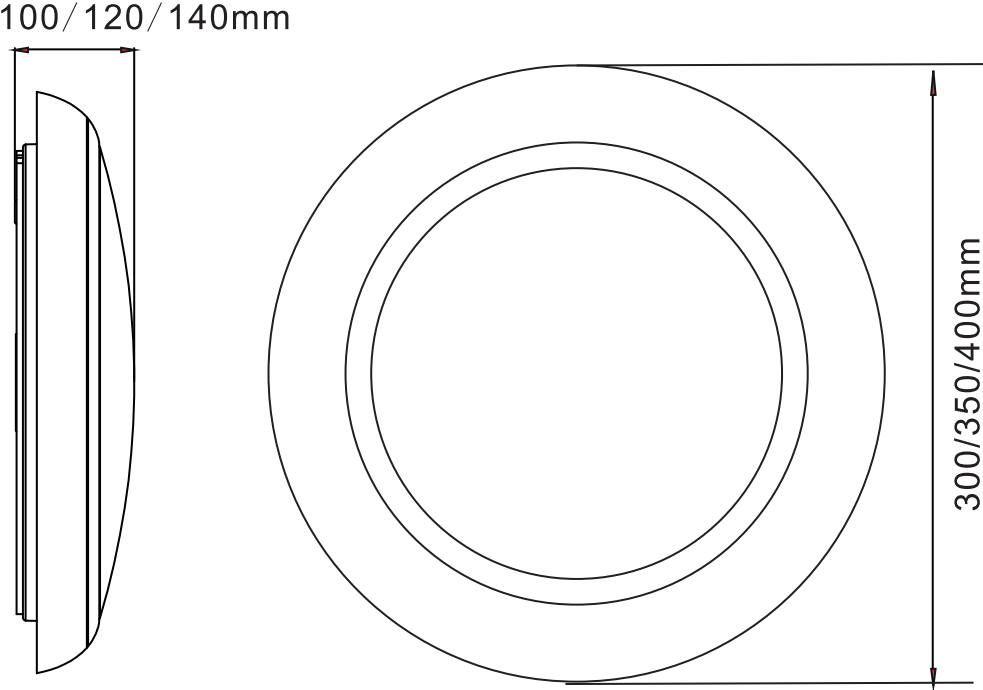
Technical Data

Luminaire Type-安裝方式-Tipo de luminaria	Ceiling Mount Type-吸頂安裝-Tipo mount en el techo
Dimension-尺寸-Dimensión	<ul style="list-style-type: none"> • Dia 300 x H: 100 mm • Dia 350 x H: 120 mm • Dia 400 x H: 140 mm
Power Consumption Max-燈具功率 Consumo de energía Max	<ul style="list-style-type: none"> • Dia 300 mm : 13W 15W • Dia 350 mm : 20W 25W 28W • Dia 400 mm : 30W 35W 40W
Input Voltage-輸入電壓-Voltaje de entrada	AC220-240V 50/60Hz
LED Driver Type LED驅動款式 Tipo de controlador LED	<p>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</p> <ol style="list-style-type: none"> 1. ON/OFF Switch AC220-240V 50/60HZ 2. 1-10V Dimming Driver AC220-240V 50/60HZ 3. Dali Dimming Driver AC220-240V 50/60HZ 4. Microwave Motion Sensor 5.8Ghz (Hold time, Stand-by DIM Level,Twilight Time;Detection Area,Daylight Sensor)
LED Driver Features驅動特性 Funciones del controlador de LED	POWER FACTOR : PF>0.90 or PF: >0.95 TOTAL HARMONIC DISTORTION: THD< 20% Refer to LED driver specification 請參閱LED驅動器規格Consulte la especificación de controlador de LED
Control Protocol-控制協議 Protocolo de Control	1-10V / Dali / Microwave Motion Sensor
Beam Angle光束角ángulo de haz	120°
Light Source Brand-光源品牌-Fuente de luz de marca	SMD 2835
"Lumen Maintenance LM-80 Reported by TM-21"	L70(10k) > 60,000 hrs
LED Life-LED壽命-La vida del LED	>60,000 hours
Color Temperature -色溫 Temperatura del color	2700K / 3000K / 4000K / 5000K / 6500K
Color Rendering Index-顯色指數 Índice de reproducción cromática	> 80 >90
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
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	<ul style="list-style-type: none"> • 80Lm/w(2700K), 80 Lm/w(3000K), 90 Lm/w(4000K), • 100Lm/w(5000K), 100 Lm/w(6500K),
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	<ul style="list-style-type: none"> • 140Lm/w(2700K), 140 Lm/w(3000K), 150 Lm/w(4000K), • 160Lm/w(5000K), 160 Lm/w(6500K),
Housing materials-外殼材料 Materiales de la carcasa	Anti UV Polycarbonate body and Anti UV Polycarbonate Opal diffuser 抗紫外線聚PC燈體和抗紫外線乳白PC擴散罩 Cuerpo de Policarbonato Anti UV y difusor de Policarbonato Anti UV Opal
Housing Color 外殼顏色 color de la carcasa	Matte white 啞光白色 Blanco mate
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK10
Ingress Protection-防護等級 Protección de ingreso	IP66
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcion amiento	-30 °C / +50 °C
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaires: EN 60598-1 / IEC 60598-2-1 IEC TR62778 IEC62471 ; 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



Technical Drawing



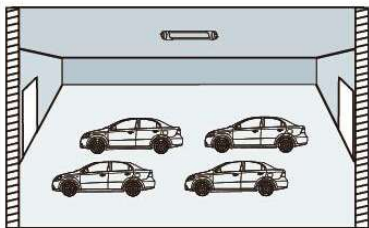
Unit: mm

Microwave Motion

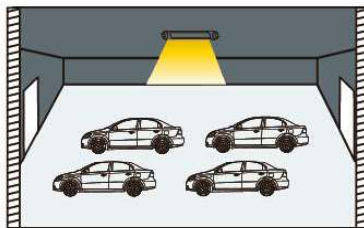
Operating Frequency	5.8 GHz \pm 75 MHz , ISM Band.
Transmitting power	0.5mW Max.
Hold time	5S/30S/1min/3min/5min/10min/20min/30min
Stand-by DIM Level	10%(1.4-1.6V), 20%(1.9-2.1V), 30%(2.9-3.1V), 50% (4.9-5.1V)
Twilight Time	0s/10S/1min/3min/5min/10min/30min/+ ∞
Detection Area	25%/50%/75%/100%
Sensor Parameters	5lux/15Lux/30Lux/50Lux/100lux/150lux/Disable
	Daylight priority: ON / OFF value
	Daylight Sensor (5lux/15Lux/30Lux/50Lux)/150Lux 100Lux/200Lux 150Lux/300Lux
Detecting Radius	\geq 4m (mounting height 3m , moving speed 0.3m/s)
Mounting Height	6m Max
Detecting Angle	150°

3. Function

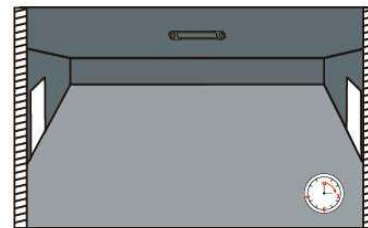
1) On/OFF Function (stand-by period be set to "0"s)



1 With sufficient ambient light, the light will not be switched on even if with motion signal.

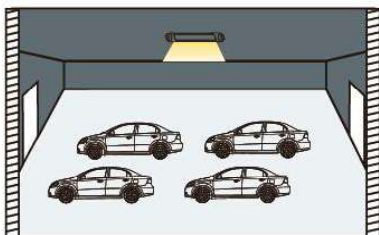


2 With insufficient ambient light, the sensor switches on the light when motion is detected.

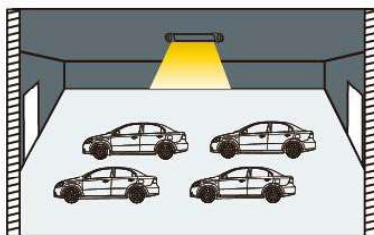


3 After elapse of hold time, the sensor switches off the light when no motion is detected.

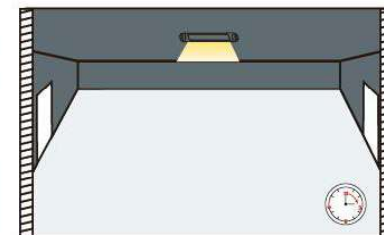
2) 2-step dimming function (stand-by period be set to "+ ∞ ")



1 If there is no motion detected, the light will be remained at a low light level all the time.

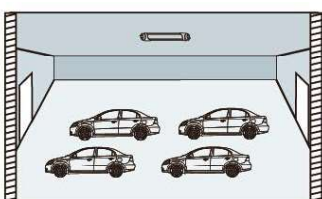


2 When motion is detected, the sensor will switch on the light to 100% brightness

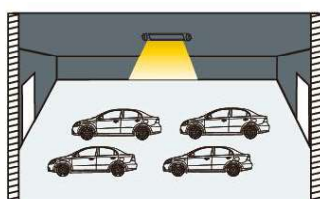


3 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

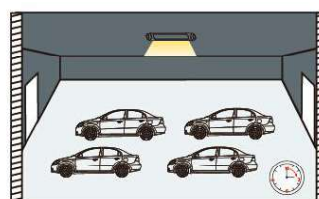
3) 3-step dimming function (stand-by period be set to "10S/1min/3min/5min/10min/30min")



1 With sufficient ambient light, the light will not be switched on even if with motion signal.



2 With insufficient ambient light, the sensor switches on the light when motion is detected.



3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.

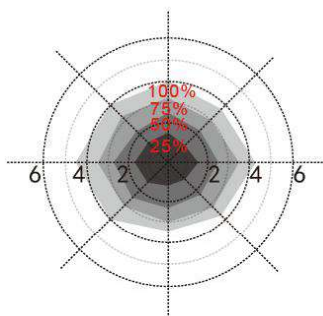


4 After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.

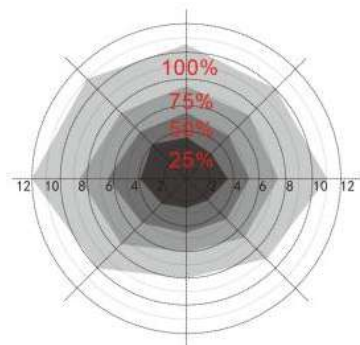
Radiation Pattern

Ceiling mounting

Ceiling mounted height: 3m
Sensitivity: 100%/75%/50%/25%

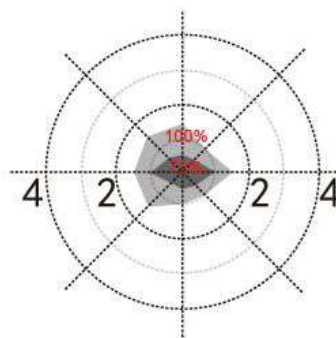


Normal moving (Speed: 1m/s)

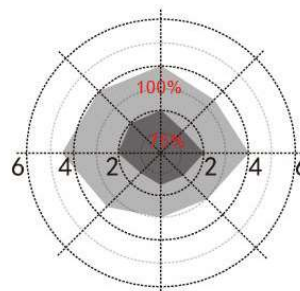


Slow moving (Speed 0.3m/s)

Ceiling mounted height: 4m
Sensitivity: 100%/75%



Normal moving (Speed: 1m/s)



Slow moving (Speed 0.3m/s)

*Only 100% detection sensitivity is workable when installed at 4m mounting height. 25% /50% sensitivity is not able to detect motion signal.