

**DEGSO-G2**

9W~48W IP54 & IP65



**Deeply Anti-glare**



**Accessories : Reflector**



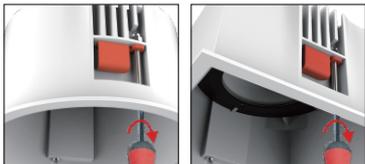
Bright Silver Matt Silver Matt white



Bright Silver Matt Silver Matt white



**Adjustable sping**

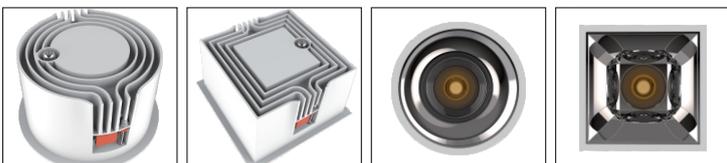


**Surface mounted:**



- Housing: die-cast aluminium, powder-coated,
- Polycarbonate Deeply Anti-glare reflector to provide Eye-comfort light distribution
- Optional reflector for Aesthetic design for architectural request.
- Wide Flood Version UGR 19

Perfect design of air convection and heat conduction is strong



## Technical Data

Luminaire Type-安裝方式/Tipo de luminaria	Recessed Mount Fixed Type 嵌入式筒燈 / Tipo de montaje empotrado Surface Mounted Type-明裝式燈具-Superficie Tipo Montado
Dimension-尺寸-Dimensión	<ul style="list-style-type: none"> <li>• Round Type -Spot Light DIA 85 x H: 45 mm   DIA 110 x H:62 mm   DIA 165 x H:90 mm   DIA 180 x H:100 mm   DIA 218 x H:113 mm</li> <li>• Square Type -Spot Light 85 x 85 x 45 mm   110 x 110 x 62 mm</li> <li>• Surface Mounted Type Dia 120 x H:131 mm   Dia 175 x H: 186 mm   Dia 190 x H: 186 mm   Dia 228 x H: 221 mm</li> </ul>
Cut off Dimension-開孔尺寸-Cortar Dimensión	Refer Technical Drawing 請參閱技術圖紙 / Consulte el dibujo técnico
Input Voltage-輸入電壓-Voltaje de entrada	AC220-240V 50/60HZ or Refer to LED Driver data sheet
Power Consumption Max-燈具功率 Consumo de energía Max	<ul style="list-style-type: none"> <li>• Round Type -Spot Light 1. 9W &amp; 12W @DIA 85 x H: 45 mm 2. 12W &amp; 15W &amp; 20W @DIA 110 x H:62 mm 3. 15W &amp; 20W &amp; 28W @DIA 165 x H:90 mm 4. 20W &amp; 32W &amp; 41W @DIA 180 x H:100 mm 5. 32W &amp; 41W &amp; 48W @DIA 218 x H:113 mm</li> <li>• Square Type -Spot Light 1. 9W &amp; 12W @85 x 85 x 45 mm 2. 12W &amp; 15W &amp; 20W @110 x 110 x 62 mm</li> <li>• Surface Mounted Type 1. 12W &amp; 15W @Dia 120 x H:131 mm 2. 15W &amp; 20W @Dia 175 x H: 186 mm 3. 20W &amp; 32W @Dia 190 x H: 186 mm 4. 32W &amp; 41W @Dia 228 x H: 221 mm</li> </ul>
LED Driver Type LED驅動款式 Tipo de controlador LED	Remote-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. ON/OFF Switch AC220-240V 50/60HZ 2. 1-10V Dimming Driver AC100-240V 50/60HZ 3. Dali Dimming Driver AC220-240V 50/60HZ (0-100% Dimming) 4. DMX Dimming Driver AC220-240V 50/60HZ (0-100% Dimming) 5. Emergency Backup >2 hours or >3 hours @ < 12 charger hours 應急電池/Copia de seguridad de emergencia
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 / Dali 2 / DMX512A
Beam Angle 光束角 ángulo de haz	15°   24°   36°   55°
Light Source Brand-光源品牌-Fuente de luz de marca	COB Array - ( Photobiological safety-IEC 62471 'Risk Group 1' (low risk) )
"Lumen Maintenance LM-80 Reported by TM-21"	L70)> 60000 hrs
LED Life-LED壽命-La vida del LED	>60,000 hours
Color Temperature -色溫-Temperatura del color	2700K / 3000K / 4000K / 5000K
Color Rendering Index-顯色指數 Índice de reproducción cromática	> 90
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning elipse	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	125 Lm/w(2700K), 125 Lm/w(3000K), 130 Lm/w(4000K), 130Lm/w(5000K),
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	155 Lm/w(2700K), 155 Lm/w(3000K), 160 Lm/w(4000K), 160Lm/w(5000K),
Housing materials-外殼材料 Materiales de la carcasa	Die-cast aluminum and Polycarbonate Reflector with PMMA Optical Lens 壓鑄鋁和PC反射器& PMMA 光學透鏡 Reflector de aluminio fundido a presión y policarbonato con lente óptica de PMMA
Trim Color-框邊顏色-Estilo Color	Powder Coating :Matte white / Matte black 粉末塗料: 啞光白/啞光黑 Recubrimiento en polvo: blanco mate/negro mate
Reflector Color-反光杯顏色-Reflector color	Bright Silver (Specular) 亮銀 De espejo / Matt White 白色 Blanco / Matt Silver 啞銀 Plata mate
Ingress Protection-防護等級 Protección de ingreso	IP54   or   IP65
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 funcionamiento	-30 °C / +50 °C
Comply Testing Standard符合測試標準 Cumplir el estándar de prueba	LED Luminaires: IEC/EN 60598-1 ; IEC/EN 60598-2-2 ; IEC/ EN62493 ; IEC/EN 62301 ; IEC TR 62778 & IEC 62471 ; ROHS LED Driver: EN 55015 / IEC 61000-3-2 / IEC 61347-1 / IEC 61347-2-13 / IEC 61547
Certification-認證-Certificación	       

Project	Fixture#	Date
		Firm



## Ordering Information

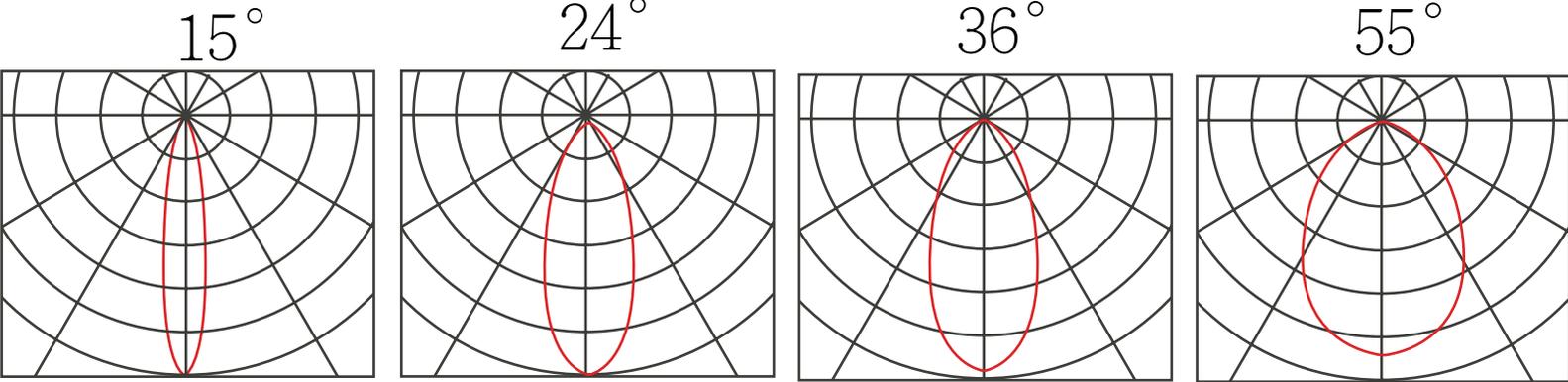
Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [DEGSO-G2-48W](#)

DEGSO-G2 - - \_\_\_\_\_  
Power Consumption

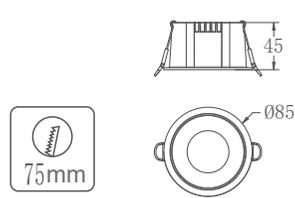
Power Consumption	
Code	Description
<a href="#">9W</a>	9W@ Round Type DIA 85 x H: 45 mm @Square Type 85 x 85 x H: 45mm
<a href="#">12W</a>	12W@ Round Type DIA 85 x H: 45 mm @ Dia 110 x H: 62 mm@Square Type 85 x 85 x H: 45mm @ 110 x 110 x 62 mm @Surface Mounted Type Dia 120 x 131 mm
<a href="#">15W</a>	15W@ Round Type @ Dia 110 x H: 62 mm @ Dia 165 x H: 90 mm @Square Type @ 110 x 110 x 62 mm @Surface Mounted Type Dia 120 x 131 mm @ Dia 175 x H 186 mm
<a href="#">20W</a>	20W@ Round Type @ Dia 110 x H: 62 mm @ Dia 165 x H: 90 mm @ Dia 180 x H 100 mm @Square Type @ 110 x 110 x 62 mm @Surface Mounted Type Dia 175 x 186 mm @ Dia 190 x H 200 mm
<a href="#">28W</a>	28W@ Round Type @ Dia 165 x H: 90 mm
<a href="#">32W</a>	32W@ Round Type @ Dia 180 x H: 100 mm @ Dia 218 x H: 113 mm @Surface Mounted Type Dia 190 x 200 mm @ Dia 228 x H 221 mm
<a href="#">41W</a>	41W@ Round Type @ Dia 180 x H: 100 mm @ Dia 218 x H: 113 mm @Surface Mounted Type Dia @ Dia 228 x H 221 mm
<a href="#">48W</a>	48W@ Round Type @ Dia 218 x H: 113 mm

# BEAM ANGLE

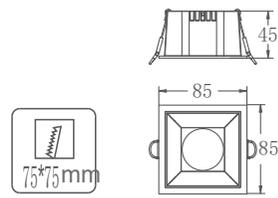


# Technical Drawing

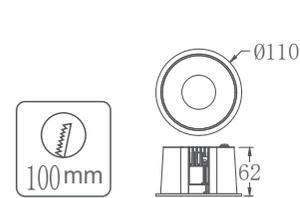
## Recessed mounted type



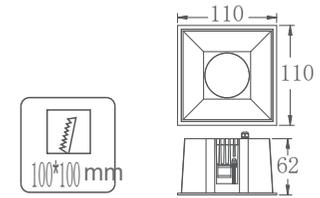
9W & 12W



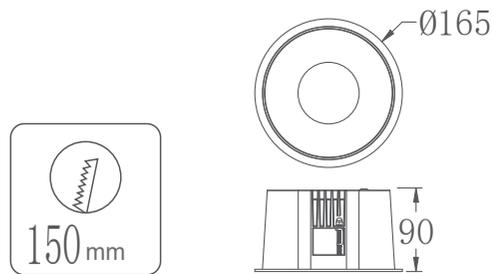
9W & 12W



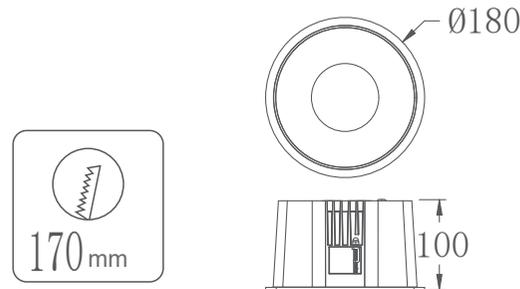
12W & 15W & 20W



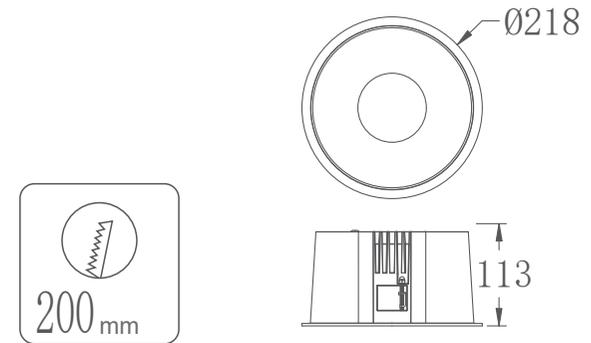
12W & 15W & 20W



15W & 20W & 28W



20W & 32W & 41W

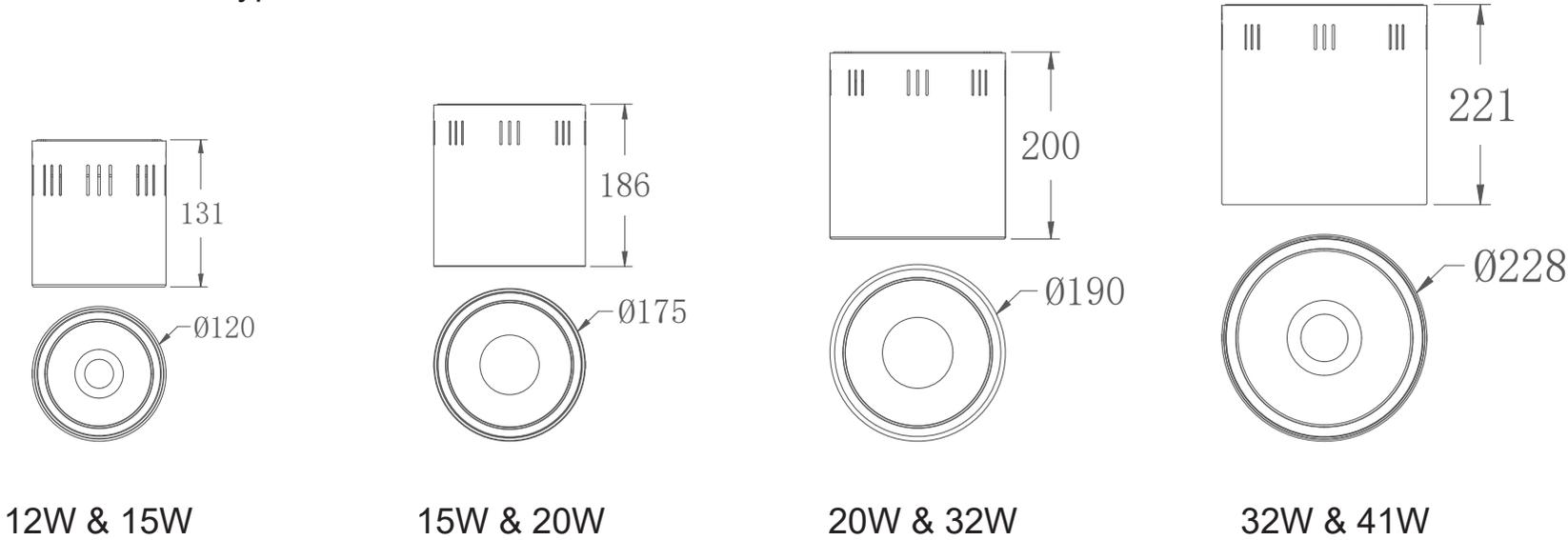


32W & 41W & 48W

Unit: mm

Technical Drawing

Surface mounted type



\*Surface mounted downlights must be with a glued driver

Unit: mm