

WEER S

D45 / D54 / D64 / D80 / D98



Dot Free Series in-ground Light For outdoor, recessed, path, decking.
Front cover: Stainless steel SUS316.
Housing: CNC 6063# aluminum. T=60-80um Adhesion of ISO class 1/
ASTM class 4B high temperature painting.
Glass: Step tempered glass.
Mounting sleeve: ABS.

Technical Data

Installation method / 安裝方式 metodo de instalacion	Inground / Wall Recessed / 地埋式 / 牆埋式 / Empotrado en el suelo / Empotrado en la pared /
Power Consumption / 燈具功率 Consumo de energía	1W 2W @ D45 2W 3W @ D54 3W 4W 5W @ D64 5W 6W 7W @ D80 7W 8W 9W @ D98
Input Voltage or Current / 輸入電壓或電流 Voltaje o corriente de entrada	120mA / 170mA / 350mA / 500mA / 700mA DC 12V / 24V / 36V / 48V On / Off DC 12V / 24V / 36V / 48V + DMX512 Decoder
LED Driver Type LED驅動款式 Tipo de controlador LED	Remoted 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. 0/1 -10V Dimming Driver AC220-240V 50/60HZ 3. DALI Dimming Driver AC220-240V 50/60HZ 4. DMX Driver AC220-240V 50/60HZ 5. RDM Driver AC220-240V 50/60HZ
Control Protocol / 控制協議 / Protocolo de Control	0/1-10V / DALI / DMX 512 / RDM
Beam Angle 光 / 束角 / ángulo de haz	120°
Light Source Brand / 光源品牌 Fuente de luz de marca	Cree / Osram / Tyanshine
Lumen Maintenance LM-80 Reported by TM-21	L70 > 54,000 Hours
LED Life / LED壽命 / La vida del LED	>100,000 hours
Color Temperature / 色溫 / Temperatura del color	2700K / 3000K / 4000K / 5000K / 6500K Turnable White Color : RED , GREEN ; BLUE, YELLOW
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 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	20 LM/W (2700K) 25 LM/W (3000K) 25 LM/W (4000K) 30 LM/W (5000K) 30 LM/W (6500K) 30 LM/W RED Turnable White: 25 LM/W 15 LM/W GREEN 10 LM/W BLUE 12 Lm/w YELLOW
LED Source Luminous Efficacy / LED光源光效 Fuente luminosa LED Eficacia	120 Lm/w(2700K) 130 Lm/w(3000K) 140 Lm/w(4000K) 140 Lm/w(5000K) 140 Lm/w(6500K) 90Lm/w RED 100 Lm/w GREEN 45Lm/w BLUE 90Lm/w YELLOW
Housing materials / 外殼材料 Materiales de la carcasa	Die cast aluminium Tempered Milky Glass or 316 Stainless Steel Ring + Tempered Milky Glass 壓鑄鋁強化乳白玻璃或316不銹鋼環+強化乳白玻璃 Aluminio fundido a presión Vidrio templado lechoso o anillo de acero inoxidable 316 + Vidrio templado lechoso
Housing Color / 外殼顏色 Color de la carcasa	Milky Glass / 乳白色玻璃 / Vidrio lechoso Milky Glass + 316 Stainless Steel Ring / 乳白色玻璃 + 316 不銹鋼環 / Vidrio lechoso + anillo de acero inoxidable 316
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-10 °C / +45 °C
Operating Humidity / 工作濕度 Humedad de funcionamiento	0~90%, non-condensing / 不結霜 sin condensación
Ingress Protection/ 防護等級 Protección de ingreso	IP67
Impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK08
Dimension / 尺寸 / Dimensión	Refer to Drawing / 參考圖紙 / Consulte el dibujo
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaries: LVD: IEC 60598-1; IEC 60598-2-1; IEC62471; IEC 62031; IEC62471, ROHS TM21-L70 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 ; IEC /EN 62384

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: [WEER-2W](#)

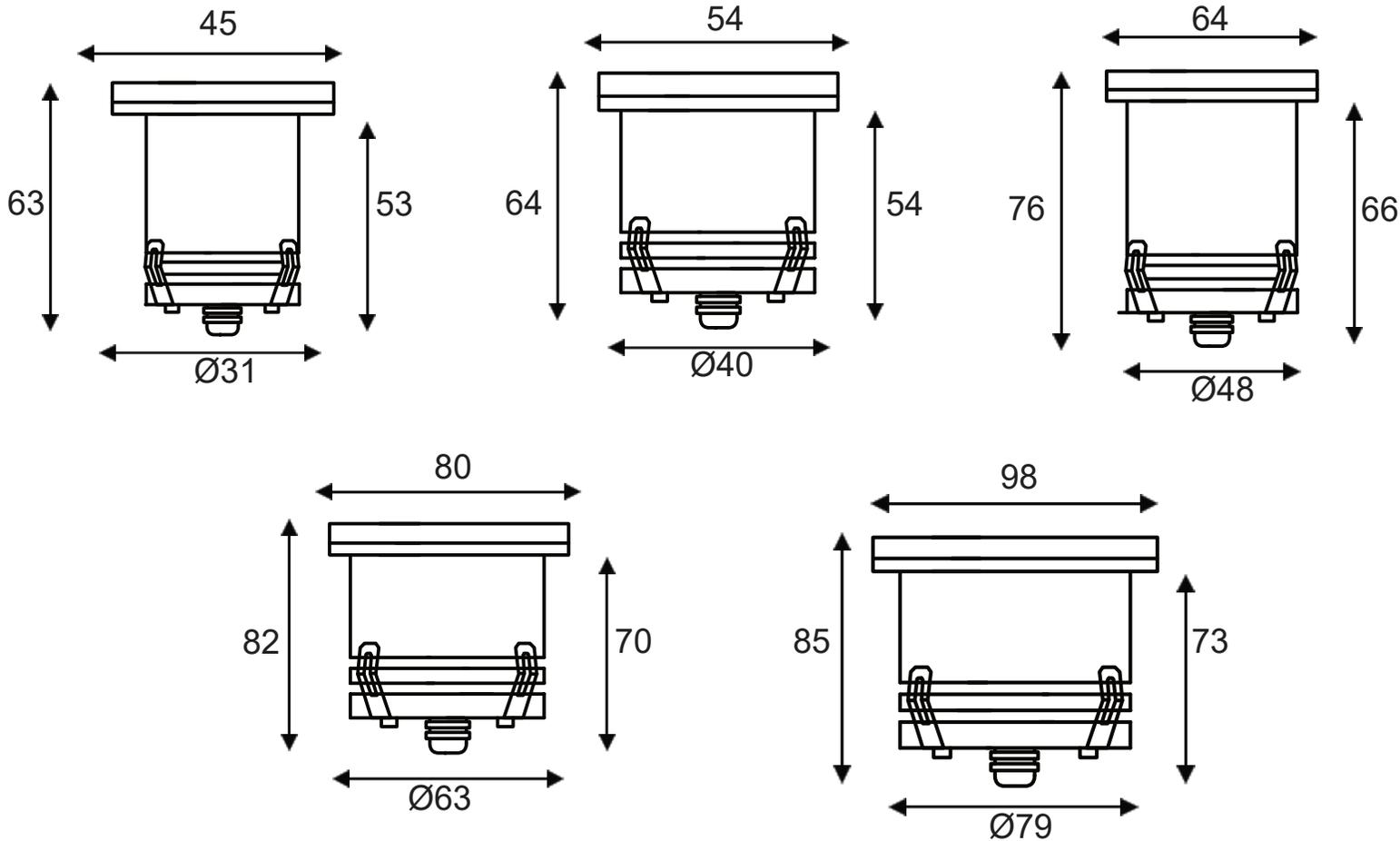
WEER-S - - _____
Power Consumption

Power Consumption	
Code	Description
1W	1W @ D45
2W	2W @ D45 or D54
3W	3W @ D54 or D64
4W	4W @ D64
5W	5W @ D64 or D80
6W	6W @ D80
7W	7W @ D80 or D98
8W	8W @ D98
9W	9W @ D98



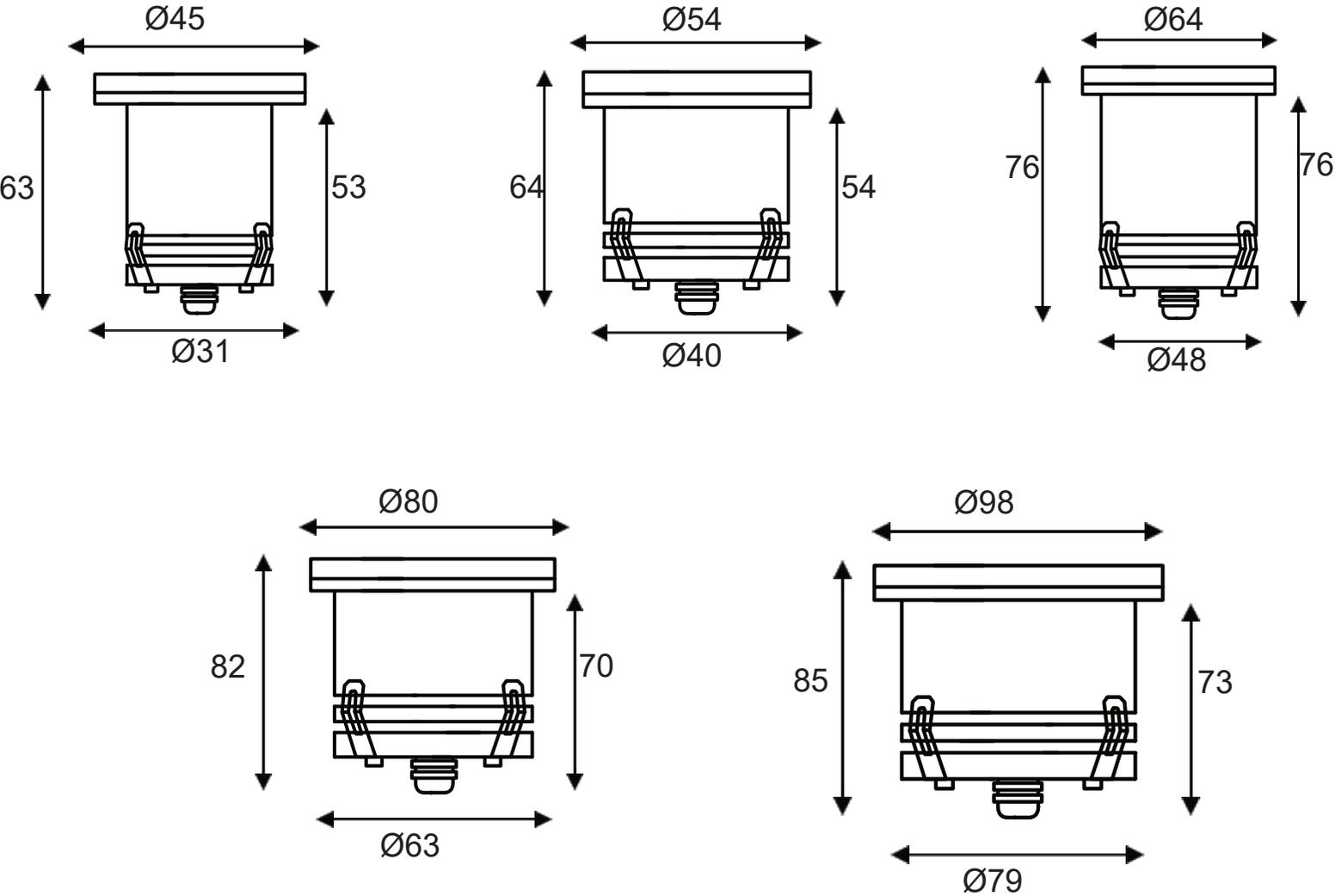
Technical Drawing

Type A (Round Frame- less)



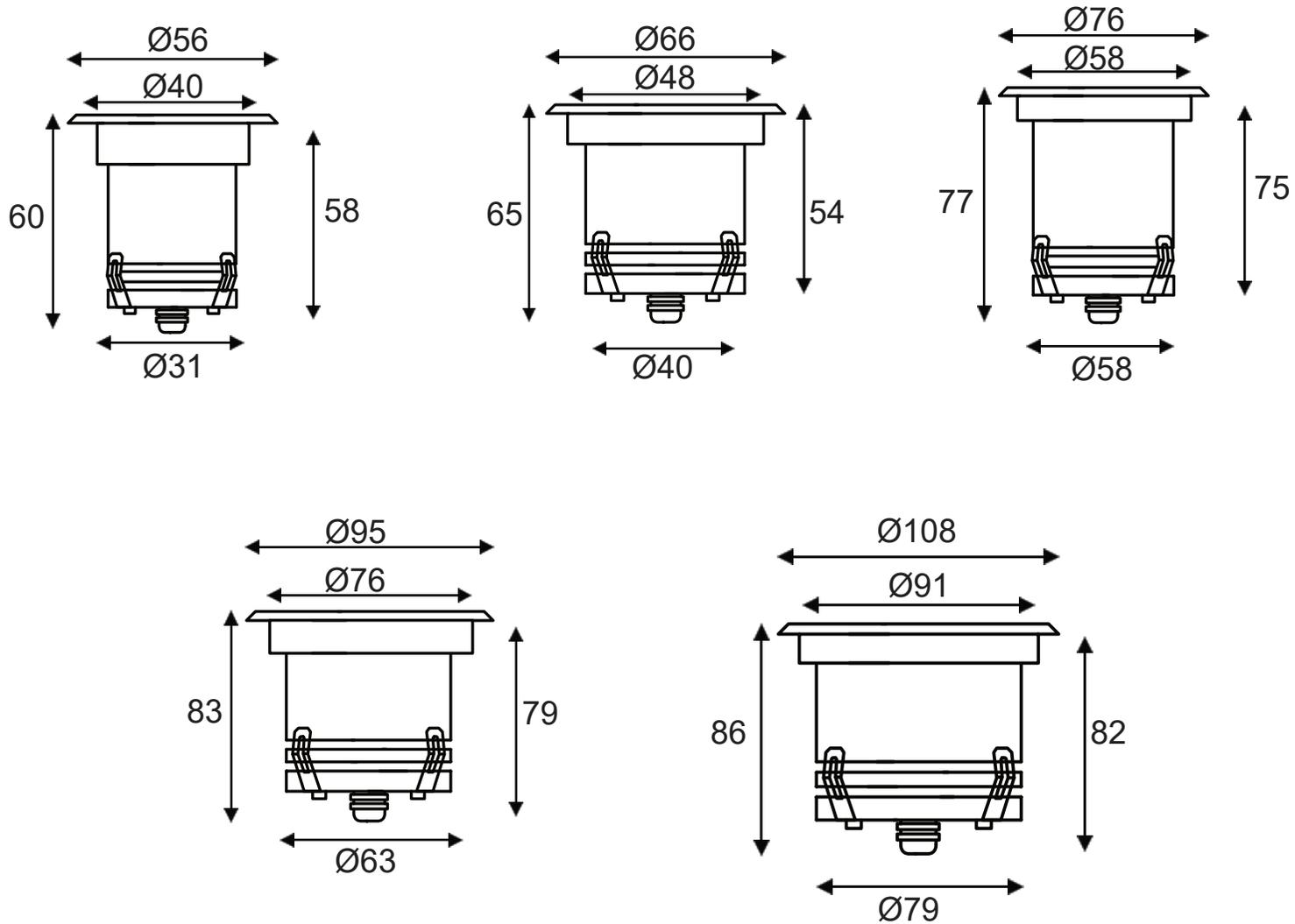
Unit: mm

Type B (Square Frame-less)



Unit: mm

Type C (Round)



Unit: mm