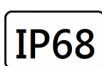


LABIYA-PRO

Dia 50 IP68



- High brightness LEDs, clear anti-uv Polycarbonate tube body and SS316 stainless steel end cap
- Waterproof rating IP 68, can be put under or above the water
- Adjustable bracket for wallwasher application
- Can be widely used in fish tanks, cisterns, rockeries, pet cages and others

Technical Data

Luminaire Type-安裝方式 Tipo de luminaria

Pendent mounted Type / Surface mounted Type / Wall Mounted Type--Rotation Bracket

吊裝燈具 / 吸頂式燈具 / 壁掛式燈具--可調角度支架

Pendent tipo / Surface mounted / Tipo montado en la pared

Dimension-尺寸-Dimensión

- Dia 50 x L: 526 mm
- Dial 50x L: 1026 mm
- Dia 50 x L: 1526 mm
- Dial 50x L: 2026 mm

Power Consumption Max-燈具功率
Consumo de energía Max

- Dia 50 x L: 526 mm : 8W 10W
- Dia 50x L: 1026 mm : 16W 20W
- Dia 50 x L: 1526 mm : 24W 30W
- Dia 50x L: 2026 mm : 36W 40W

Input Voltage-輸入電壓-Voltaje de entrada

DC24V OR DC24V+DMX512

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. 0-10V Dimming Driver AC220-240V 50/60HZ

3. Dali Dimming Driver AC220-240V 50/60HZ

4. DMX Driver AC220-240V 50/60HZ (Dimming range from 0-100%)

LED Driver Features-驅動特性

Funciones del controlador de LED

POWER FACTOR : PF>0.95 @ Full Load

TOTAL HARMONIC DISTORTION: THD< 20%

Control Protocol-控制協議

Protocolo de Control

1-10V / DALI/ DMX 512 / RDM

Beam Angle/光束角/ángulo de haz

15° 30° 45° 60° 10° *30° 20° *45°

Light Source Brand-光源品牌-Fuente de luz de marca

OSRAM LED

"Lumen Maintenance LM-80 Reported by TM-21"

L70 > 54000 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

90 lm/w(2700K), 90 lm/w(3000K), 100 lm/w(4000K),

110 lm/w(5000K), 110 lm/w(6500K)

LED Source Luminous Efficacy LED光源光效

Fuente luminosa LED Eficacia

140 lm/w(2700K), 150 lm/w(3000K), 150 lm/w(4000K),

160 lm/w(5000K), 160 lm/w(6500K)

Housing materials-外殼材料

Materiales de la carcasa

316L Stainless steel End cap & clear polycarbonate housing & Aluminum Plate

316L 不銹鋼端蓋和透明聚碳酸酯外殼和鋁板

Ingress Protection-防護等級 Protección de ingreso

IP68

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 / +50 °C

Operating Humidity -工作濕度

Humedad de funcionamiento

0~100%, non-condensing-不結霜

sin condensación

Comply Testing Standard 符合測試標準

Cumplir el estándar de prueba

LED Luminaries: LVD: IEC/EN 60598-1;EN / IEC/EN 60598-2-1;IEC62471;IEC/EN 62031;

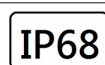
IEC/EN 62493 ; IEC/EN 62471(Risk Group 1)EN60598-2-22 Hot Wire Testing: 850°C

LED Driver: IEC/EN 61347-1; IEC/EN 61347-2-13; IEC/EN 62384; IEC/EN

61000-3-2;

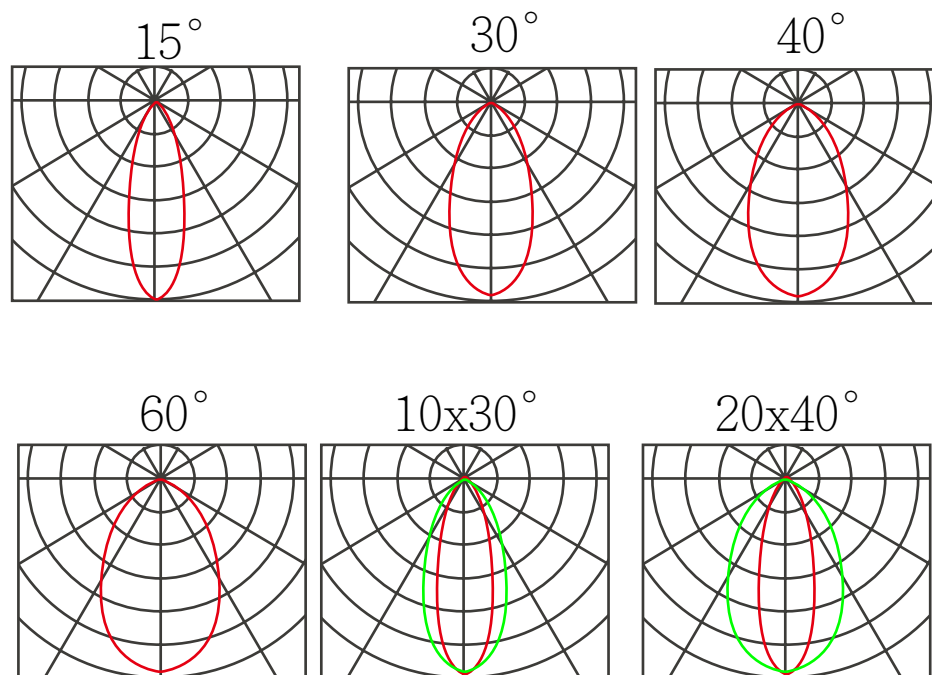
IEC/EN 61000-3-3;IEC/EN61574;EN 55015 ; IEC /EN 62384

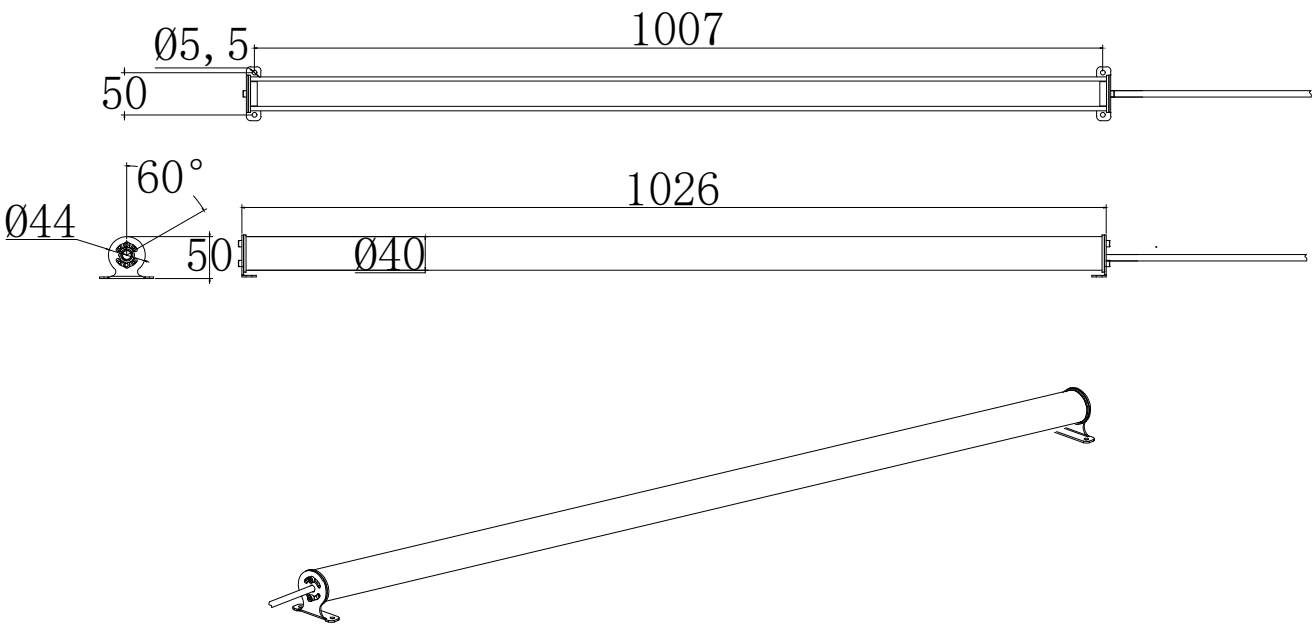
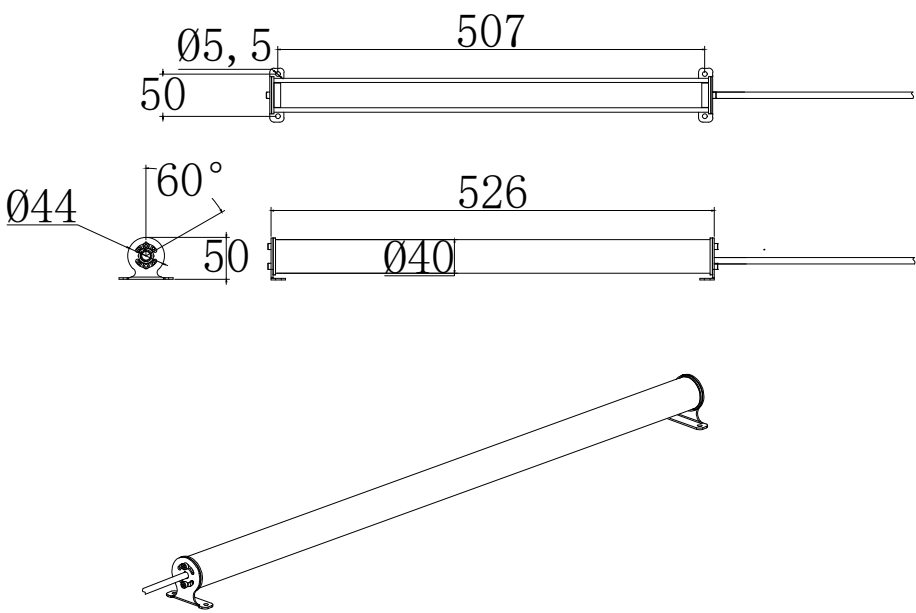
Certification-認證-Certificación



BEAM ANGLE

DIMON
TECHNOLOGY





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T e c h n o l o g y

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E-mail:gary@dimontechnology.com

Job Title:

Drawing Name:

Technical Drawing

Drawing NO.: TD-250815-001

Drawing Scale: AS SHOW

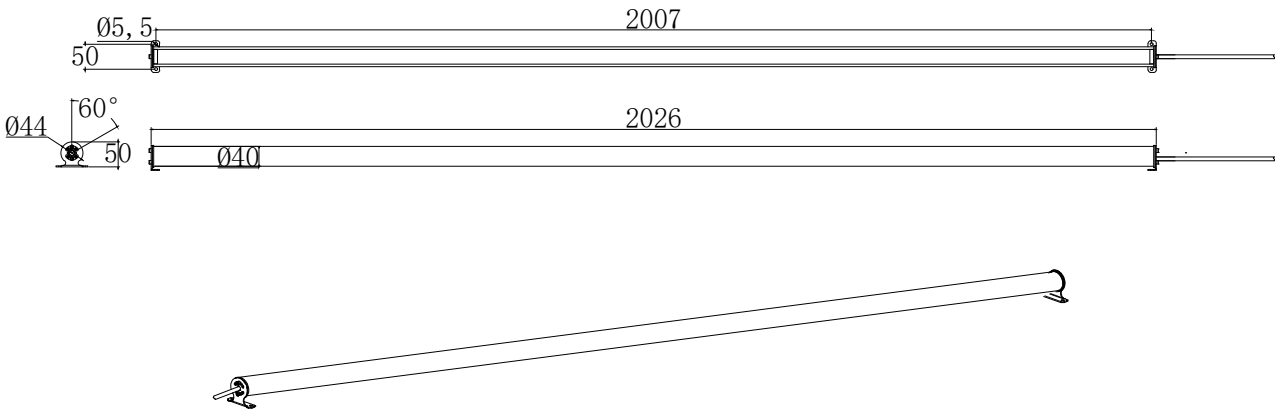
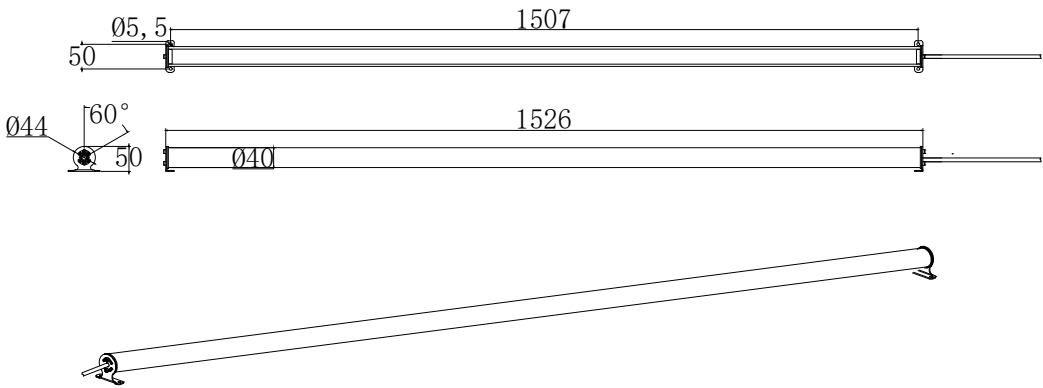
Drawing Date: 2025/08/15

Drawing: Joyi

Collate: Alove

Auditing: Denny

Drawing Version: V1



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Job Title:

Drawing Name:

Technical Drawing

Drawing NO.: TD-20250815-002

Drawing Scale: AS SHOW

Drawing Date: 2025/8/15

Drawing: Joyi

Collate: Alove

Auditing: Denny

Drawing Version: V1