

ODM / Pure Customization

Lighting Technology for the critical Conditions



- Allow operating temperature : -50°C to 70°C
- Highest rating IP69K protection : Against dust and powerful jet water , underwater 20 meters
- Easy maintenance and reduce failures : DC-In design , DC power can extend to 100m distance
- Durable : Robust pc optical cover , resistant corrosion aluminum housing
- Use high quality NICHIA chip
- Flexible mounting : Adjustable brackets can be positioned and angled
- Customized lighting simulation and design

心型防水燈

Heart Shape Waterproof Light



保護等級 IP69K
允許環境溫度達 70 °C
耐腐蝕
耐高壓水清洗
鋁合金外殼無鰭片設計
PC 透光罩可耐尖端敲擊

Protection rating IP69K
Allow ambient temperature to 70 °C
Resistant corrosion
Against powerful jet water cleaning
Aluminum housing without heat sink
PC optical cover against peak impacts

高溫食品加工廠 Food Processing Factory



陽極處理工廠 Surface Treatment Factory



光生物反應燈

Photosynthetic Light



保護等級 IP69K

Protection rating IP69K

水深 20 公尺

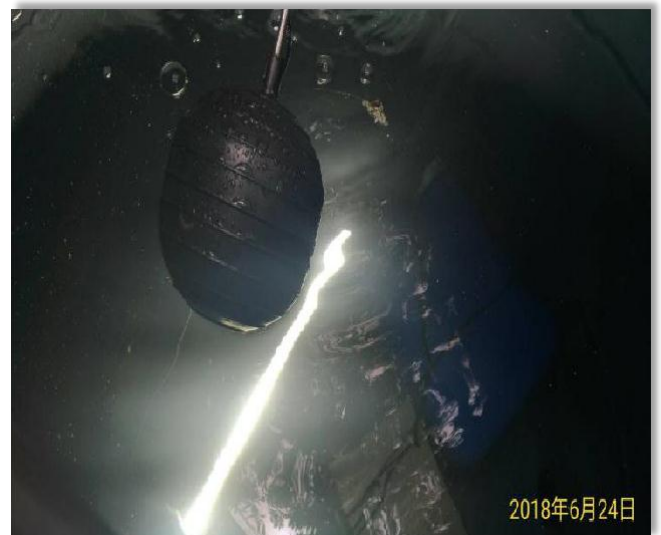
Waterproof up to 20 meters

淨化水質及調整水值 促進水中藻類穩定生長及生態平衡。

Purify and stabilize the water quality

Promote algae growing normally and create an balance environment

水產養殖廠 Aquaculture Factory



耐高溫燈

High Temperature Light

保護等級 IP65

允許環境溫度達 70 °C

PC 透光罩可耐尖端敲擊

Protection rating IP65

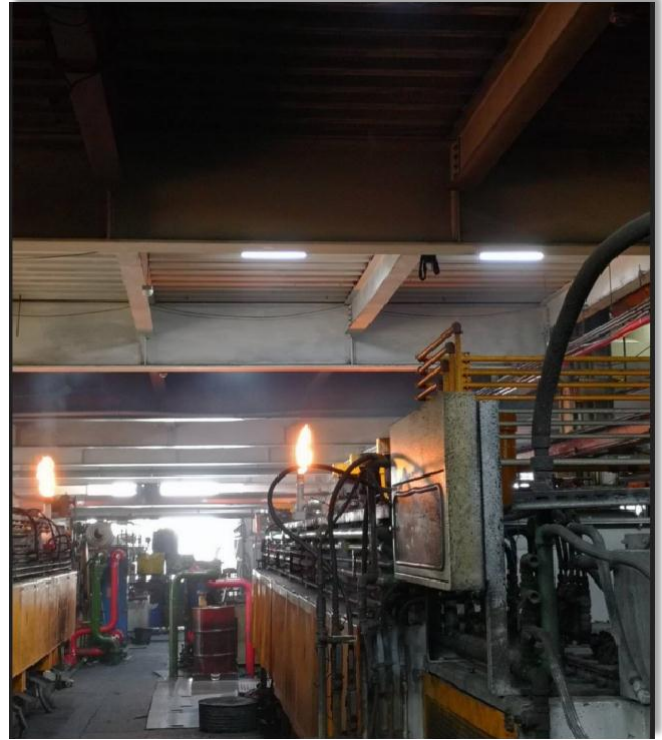
Allow ambient temperature to 70 °C

PC optical cover against peak impacts



鑄造工廠

Casting Industry



冷凍燈
Freezing Light



保護等級 IP69K
允許環境溫度達負 50°C
耐腐蝕
無冷凝效果

Protection rating IP69K
Allow ambient temperature to -50°C
Resistant corrosion
Work without condensing

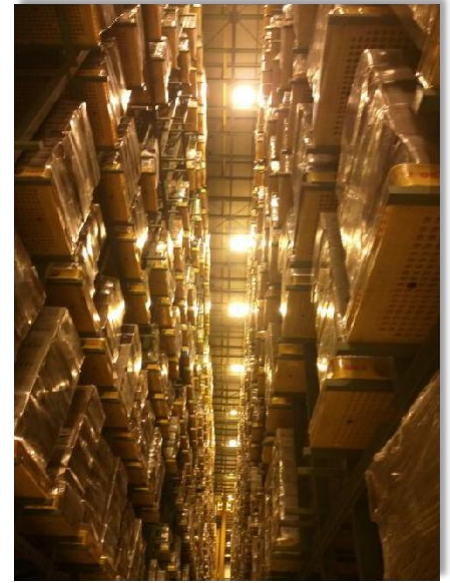
超低溫冷凍倉儲
Freeze Warehouse



-25°C



-60°C



height of 25meters -40°C

低溫食品加工處理廠
Frozen Foods Factory



戶外投射燈 Flooding Light



景觀造景燈 Ecological Landscape Light



食品廠驅蟲照明 波長：1800K
Insect Repellent Light



品名 / Production Name	LED 冷凍燈 / Freezing Light	LED 高溫燈 / High Temperature Light		LED心型防水燈 / Heart Shape Waterproof Light				
		單鎧 / Single	三鎧 / 3 Units	單鎧 / Single	單鎧 / Single	單鎧 / Single	三鎧 / 3 Units	三鎧 / 3 Units
型號 / Type	FLFI05701	FLHTC057G01	FLHTC057G03	NJAMG01S	NJBMG05701	NJCM05701	NJBG05703	NJC05703
LED晶片製造商 / LED Chip Maker	日亞化 / NICHIA	日亞化 / NICHIA	日亞化 / NICHIA	日亞化 / NICHIA	日亞化 / NICHIA	日亞化 / NICHIA	日亞化 / NICHIA	日亞化 / NICHIA
消耗功率 / Power Consumption	28W	28W	90W	28W	28W	28W	90W	95W
色溫 / Color Temperature	5700K 白光 / White Light	5700K 白光 / White Light	5700K 白光 / White Light	3000K 黃光 / Warm Light	5700K 白光 / White Light	5700K 白光 / White Light	5700K 白光 / White Light	5700K 白光 / White Light
輸出光通量 / Output Lumens	2750.9Lm	2733Lm	8932Lm	2058 Lm	2733Lm	2687Lm	8932Lm	10156Lm
發光效率 / Luminous Efficacy	108.7Lm/W	101.2Lm/W	110.4Lm/W	77.9Lm/W	101.2Lm/W	114.3Lm/W	110.4Lm/W	116.2Lm/W
燈具效率 / Luminaire Efficiency	90.64m/W	84.3m/W	99.9Lm/W	63.49m/W	84.3m/W	95.5Lm/W	99.9Lm/W	106.7Lm/W
輸入電壓 / Input Voltage	100-277 Vac.	100-277 Vac.	100-277 Vac.	100-277 Vac.	100-277 Vac.	100-277 Vac.	100-277 Vac.	100-277 Vac.
尺寸 / Dimension (mm)	L: 390 / W: 79 / H: 52	L: 590 / W: 51 / H: 34	L: 590 / W: 150 / H: 80	L: 590 / W: 59 / H: 53	L: 590 / W: 59 / H: 53	L: 590 / W: 59 / H: 53	L: 590 / W: 185 / H: 100	L: 590 / W: 185 / H: 100
操作溫度 / Operation Temperature	-50°C ~ 40°C	-25°C ~ 70°C	-25°C ~ 70°C	-25°C ~ 50°C	-25°C ~ 50°C	-30°C ~ 50°C	-25°C ~ 50°C	-30°C ~ 50°C
壽命 / Lifetime	40,000 hrs	40,000 hrs	40,000 hrs	40,000 hrs	40,000 hrs	40,000 hrs	40,000 hrs	40,000 hrs
重量 / Weight (不含/Exclude Power)	1491g	954g	2927g	1400g	1348g	1359g	2250g	4101g
演色性 / CRI	≥ 70~80Ra	≥ 70~80Ra	≥ 70~80Ra	≥ 70~80Ra	≥ 70~80Ra	≥ 70~80Ra	≥ 70~80Ra	≥ 70~80Ra
發光角度 / Beam Angle	68.15°	64.4°	62.5°	64.55°	64.4°	63.6°	62.5°	26.8°
防護等級 / Protection Class	IP 69K	無防水	無防水	IP 69K	IP 69K	IP 69K	IP 69K	IP 69K
主體材質 / Housing Material	鋁合金 / Aluminum Alloy	鋁合金 / Aluminum Alloy	鋁合金 / Aluminum Alloy	鋁合金 / Aluminum Alloy	鋁合金 / Aluminum Alloy	鋁合金 / Aluminum Alloy	鋁合金 / Aluminum Alloy	鋁合金 / Aluminum Alloy
PC透光罩 / PC Optical Cover	厚度 / Thickness:3 mm	厚度 / Thickness:3 mm	厚度 / Thickness:3 mm	厚度 / Thickness:3 mm	厚度 / Thickness:3 mm	厚度 / Thickness:3 mm	厚度 / Thickness:3 mm	厚度 / Thickness:3 mm
散光膜 / Diffuser Film	有 / With	有 / With	沒有 / Without	有 / With	有 / With	有 / With	沒有 / Without	沒有 / Without
抗腐蝕 / Anti-Corrosion	Customize	Customize	Customize	Customize	Customize	Customize	Customize	Customize
可調整安裝支架 / Adjustable Mounting	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
適用場所 / Application Location	冷凍庫 / Freezer	熱處理廠/玻璃廠/鑄造廠 Heat treatment factory / Glass factory / Casting		戶外/水底/食品加工廠/屠宰場/陽極處理廠 Outdoor / Underwater / Foods factory / Slaughterhouse / Surface treatment factory***etc				

創芯綠能有限公司
CHUANG-HSIN Greenergy Co.,Ltd.
頂極科技股份有限公司

