

HARSH ENVIRONMENT LIGHT



Product Information

The Harsh Environment Light is specifically engineered for challenging and demanding environments. It is ideal for use in locations such as car wash facilities, food processing plants, slaughterhouses, livestock farms, chemical factories, and tunnels. Built to withstand tough conditions, this luminaire offers superior durability and performance, ensuring reliable lighting in areas where moisture, chemicals, and high levels of dust are common. Its robust design makes it the perfect solution for environments requiring enhanced protection and long-lasting performance.

Product Feature

- IP69K, IK10;
- Resistant to Chemical Agents: Ammonia 5%, Food oils and Fats;
- Applications: Stables, Slaughter houses, Food industry;
- Available at request: DALI, 1~10V Dim, Emergency;
- Additional RED LED inside for chicken farm lighting in night.



Datasheet

Product Code	LS040WHE12 LS060WHE12 LS080WHE12	LS060WHE15 LS080WHE15 LS100WHE15
Dimension(LxWxH)	1190 x 96 x 78 mm	1490 x 96 x 78 mm
Power Consumption	40W, 60W, 80W	60W, 80W, 100W
Luminous Flux(Milky Cover)	4400lm, 6600lm, 8800lm	6600lm, 8800lm, 11000lm
Luminous Flux (Premium)	5000lm, 7500lm, 10000lm	7500lm, 10000lm, 12500lm
LED Quantity(PCS)	240, 364, 480	364, 480, 600

LED Brand:	LM80 Approval 2835LED	Input Voltage:	200 ~ 240Vac
Beam Angle:	110°	Power Factor:	>0.95
CCT:	4000K /5000K/5700K	IP Rate:	IP69K
CRI:	80+	IK Rate:	IK10
MacAdam Ellipse:	Within 5 Steps	Lifetime:	L ₇₀ B20 > 50,000 Hrs
Warranty:	5 Years (Normal Applications) / 3 Years(Harsh Environment Applications)		
Ambient Temperature:	-40°C~+50°C Please contact sales for extreme high ambient temp. applications		

Applications	Hazadous Chemical Agents	Polycarbonate Base or Cover	Aluminum Base	Suggested Cover
Livestock & Poultry Stables	Ammonia 5%	Non-Resistant	Resistant	Glass
Food Processing Factory	Food Oils	Non-Resistant	Resistant	PMMA (Arcylic)
	Fats	Non-Resistant	Resistant	
Beverage Processing Factory	Carbonic Acid	Non-Resistant	Resistant	PMMA (Arcylic)
Tableware Cleaning-Truck Wash	Food Oils	Non-Resistant	Resistant	PMMA (Arcylic)
Car Wash	Petrol	Non-Resistant	Resistant	Glass
	Detergent Liquid	Relatively Resistant	Resistant	
Chemical Plants	Acetone	Non-Resistant	Resistant	Glass
	Ethyl Ether			
	Methanol			
	Phenol			
	Benzene			

Applications	Hazadous Chemical Agents	Suggested Base	Suggested Cover	Mounting Clips and Screws
Seaside Buldings	Salt Air	99% Purity Aluminum	Glass	SUS316
Tunnel	Vehicle Exhaust	99% Purity Aluminum	Glass	SUS316

Packaging

Product	PCS / CTN.	Carton Size(mm)	G.W.(kg)
LSXXXWHE12	4pcs / Ctn.	1250×245×245	15
LSXXXWHE15	4pcs / Ctn.	1550×245×245	18