KWP- LED WALL PACK

UL LISTED **DLC LISTED** **lighting facts** **(Pending)**
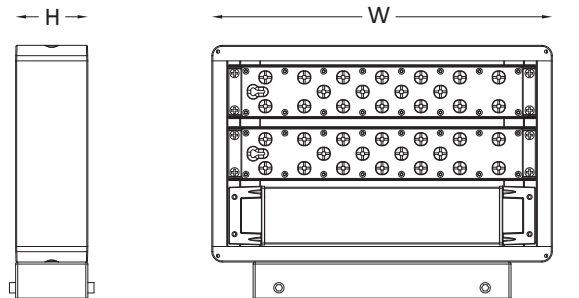
CE **IP67** **IK08** **ErP** **RoHS**

Compliant with the following standards :
IEC /EN 60598-2-3/A1: 2011
EN 62493:2010
IEC62471: 2008
IEC62471-2:2009
EN 55015: 2013
EN61547:2009
EN61000-3-2/A2:2009
EN 61000-3-3:2013
(EU) 1194/2012:2012-12-12
(EC) 244/2009:2009-03-18

Ik08 rating, 1000 hours salt mist test reports are furnished upon request.

DIMENSIONAL DRAWING

FEATURES & BENEFITS

1) Based on the most successful product development, manufacturing and application expertise and experience.

2) Powered by the worldwide best LED, LED drivers, and other key components.

3) Meet all the major product qualifications e. g cULus, DLC, CE, CB etc.

4) Sufficient optics solutions at option to meet almost all lighting standards.

5) Modular mechanical construction, and the most thoughtful design, make the product the most user friendly and easiest for assembly, maintenance and installation.

6) The most competitive in cost performance, and one of the best ownership costs. 10 years limited warranty, free from maintenance for 10 years at least, the most competitive in operating cost, soonest in return on investment (ROI) or payback.

7) Environmentally friendly packaging materials (EPE).

APPLICATIONS

Airport Illumination
Company Campus Illumination
Healthcare Facilities Illumination
Municipal Illumination
Petroleum & Convenience Illumination

Restaurant & Hotel Illumination
Retail & Grocery Illumination
Education Facilities Illumination
Government Facilities Illumination

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■ ORDERING INFORMATION

Example 1: KWP-**120**-U-**T3L-50K-BK-00**
Example 2: KWP-**120**-UH-**T3L-50K-BK-00**

Product ID	Power (W)	Voltage	or	Product ID	Power (W)	Voltage	Optic Lens	CCT* (ANSI)	Housing Color**	Lighting Control
KWP	**40** 40W	U-120-277		**KWP**	**80** 80W	UH-480	**T1M** **T2M** **T3M**	**30K** 3045 ±175K	**BK** Black (RAL:9011)	**BLANK** Not required
	80 80W				**120** 120W		**T3L** **T4S** **T5U**	**40K** 3985 ±275K	**GR** Grey (RAL:7004)	**DC** DALI
	120 120W				**160** 160W		**T5V** **T5W** **T5S**	**50K** 5028 ±283K	**WH** White (RAL:9010)	**PC** PHOTOCELL
	160 160W						**T5M** **T5L** **T5D**	**57K** 5665 ±355K	**BZ** Bronze (RAL:8017)	

Notes:

● **CCT*:**

1. LEDs at 5000k CCT are always in stock largely to support prompt delivery of finished products.
2. LEDs at 3000k, 4000k, 5700k CCT are in stock as well, but the quantity is small to meet small needs, and the shipment for the finished products with these LEDs cannot be made sooner than those with LEDs at 5000k CCT.
3. LEDs at CCT or wavelength (unit nm) which is not in stock are available upon request, but the lead time for the finished products with these types of LEDs cannot be soon, also the unit price is higher.

● **Housing Color**:**

1. BK (Black) housings are always in stock largely to support prompt delivery of finished products.
2. GR (Grey), WH (White), BZ (Bronze) housing are available too, and the unit price of the finished product with these types of housings may be different from that with black housing, but the lead time is longer relatively.
3. Other housing colors which are not mentioned can be customized, but the unit price is higher, the lead time is much longer.

● **Optic Lens Options:**

  1) T1M:Type I Medium   7) T5V: 25°
  2) T2M: Type II Medium   8) T5W: 40°
  3) T3M: Type III Medium   9) T5S: 60°
  4) T3L: Type III Long   10) T5M: 90°
  5) T4S: Type IV Short   11) T5L: 120°
  6) T5U: 10°   12) T5D: (frosted front cover, glare resistant)

1, 2, 3: DALI control is not available.

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◼ BRIEF SPECIFICATIONS

Model No.	KWP-40-U	KWP-80-U	KWP-120-U	KWP-160-U
Lumens @ 5000K	4002	8027	11763	15604
Power	40W	80W	120W	160W
Net Weight	4.09kg	5.08kg	6.07kg	7.8kg
Gross Weight	4.74kg	5.73kg	6.82kg	8.65kg
Dimensions (L x W x H)	215 x 330 x 70mm	275 x 330 x 70mm	335 x 330 x 70mm	395 x 330 x 70mm
Carton Dimensions (L x W x H)	225 x 425 x 160mm	285 x 425 x 160mm	345 x 425 x 160mm	405 x 425 x 160mm
Input	120-277V AC or 220-240V AC 50/60Hz			
EPA	0.300sq.ft	0.323sq.ft	0.346sq.ft	0.383sq.ft

Model No.	KWP-80-UH	KWP-120-UH	KWP-160-UH
Lumens @ 5000K	8027	11763	15604
Power	80W	120W	160W
Net Weight	5.08kg	6.07kg	7.8kg
Gross Weight	5.73kg	6.82kg	8.65kg
Dimensions (L x W x H)	275 x 330 x 70mm	335 x 330 x 70mm	395 x 330 x 70mm
Carton Dimensions (L x W x H)	285 x 425 x 160mm	345 x 425 x 160mm	405 x 425 x 160mm
Input	347-480V AC 50/60Hz		
EPA	0.323sq.ft	0.346sq.ft	0.383sq.ft

Drive current

1. KWP*U: 700mA
2. KWP*UH: 700mA

General specifications for all the above items:

Electrical:
1. Power Factor: >0.95 at full load.
2. Total Harmonic Distortion: <20% at full load.

Lifetime and working temperature:

3. Reported L70 Lifetime: >60,000 hours .
Calculated L70 Lifetime: >100,000 hours.
4. Ambient Temperature (Ta): -40 to 50 degrees celcius (-40 to 122 degrees Fahrenheit).

Typical Luminous Efficacy:
5. Typical Luminous Efficacy: 100 lm/w (5000K CCT, Ra>70).
6. System Efficacy and power are customized, e.g. 130 lm/W.

Materials:
7. LED option: CREE or PHILIPS Lumileds.
8. LED Driver Origin: PHILIPS or MEANWELL.
9. Worldwide top brand quick connector for tool-free wiring, and terminal block for easiest wiring.
10. Extruded aluminium LED driver compartment with die cast aluminium end cap, and led light bar end caps with corrosion resistant powder coating. Extruded aluminium alloy heat sink with anodized finish. 304 graded stainless steel protective cover to protect UV resistant polycarbonate lenses.