

# LED WALLPACK

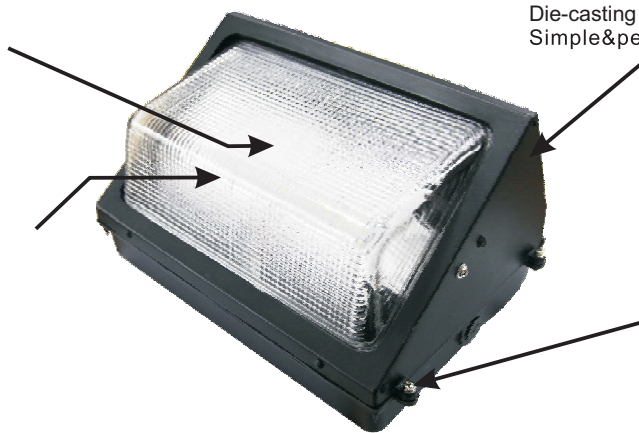
LEDBG002



Use heat sink with pure Aluminum plate to ensure the perfect heat dissipation of LED chip

Die-casting shell brings perfect heat dissipation, Simple & perfect appearance

Use Philips 3030 chip


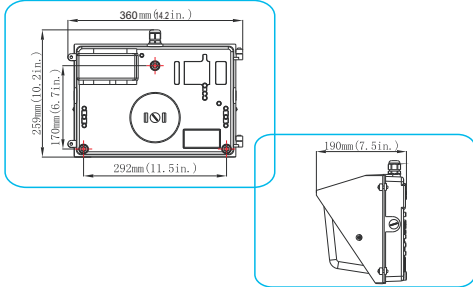



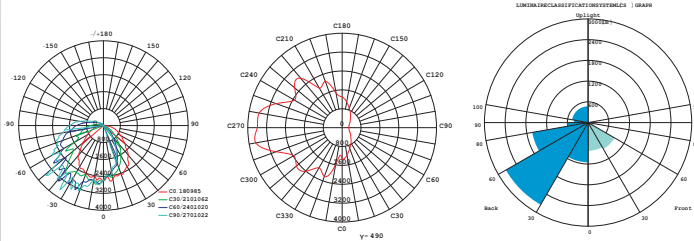
All adopt superior stainless steel nuts


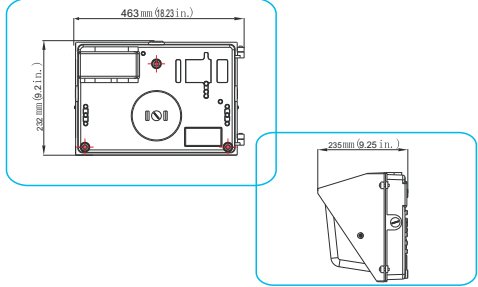
Replace Traditional Wall Pack fixture directly


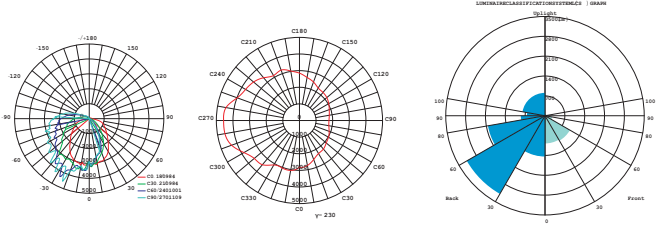
## Outdoor / Indoor



Picture	Dimensions	Weight & package
<p>30W-80W</p> 		<p>N.W: 4.4KG G.W: 4.8KG Package Size: 40*26*21.5cm Volume: 0.023m</p>

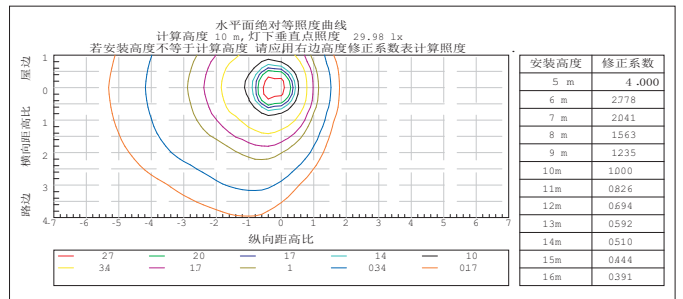
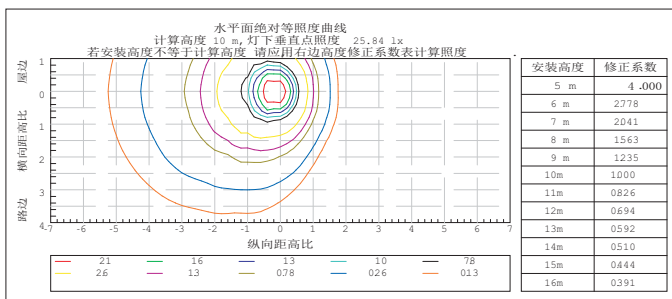
		<p>TYPE II - S</p> <table border="1"> <thead> <tr> <th colspan="4">BDC</th> </tr> <tr> <th>Zone</th> <th>Downward</th> <th>Upward</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Zone1</td> <td>1593</td> <td>4803</td> <td>1644</td> </tr> <tr> <td>Zone2</td> <td>4234</td> <td>8764</td> <td>7017</td> </tr> </tbody> </table>	BDC				Zone	Downward	Upward	Total	Zone1	1593	4803	1644	Zone2	4234	8764	7017
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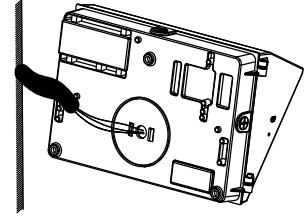
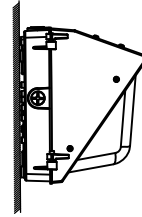
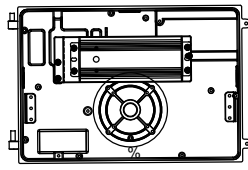
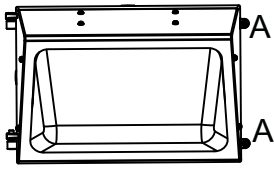
Picture	Dimensions	Weight & package
<p>100W-120W</p> 		<p>N.W: 6.1KG G.W: 6.9KG Package Size: 55*28.5*30cm Volume: 0.05m</p>

<p>100W-120W</p> 		<table border="1"> <thead> <tr> <th colspan="4">BDC</th> </tr> <tr> <th>Zone</th> <th>Downward</th> <th>Upward</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Zone1</td> <td>1593</td> <td>4803</td> <td>1644</td> </tr> <tr> <td>Zone2</td> <td>4234</td> <td>8764</td> <td>7017</td> </tr> </tbody> </table>	BDC				Zone	Downward	Upward	Total	Zone1	1593	4803	1644	Zone2	4234	8764	7017
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### 80W

### 100W





1. Twist cross-screw between the upper shell and the lower shell( as picture A shows), then open the upper shell for a certain angle and twist the terminals between led module and driver.  
 2. Remove the assembly on the upper shell and put it onto a clean and dry place.

3. Check the location of the recessed junction box holes on fixture, use tool to knock off the hole on lower shell( as picture B shows), then lead the power line( black 、white and green line) from the back of lower shell to the inside of lower shell.  
 4. Use four fastening screws to install the lower shell onto the recessed junction box, then connect the power lead line with the led driver power line.

5. Install the assembly of upper shell onto hinge of lower shell, fasten the terminals between led module and driver, then close the shell and fix with two cross-screws.

LED Wall Pack Parameter table

Item description	LEDBG30W002	LEDBG40W002	LEDBG50W002	LEDBG60W002	LEDBG80W002	LEDBG100W002	LEDBG120W002
Dimensions [mm]	L360*W230*H190mm				L463*W232*H235mm		
Input voltage [VAC]	120-277	120-277	120-277	120-277	120-277	120-277	120-277
Input frequency [HZ]	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Input current [A]	0.1-0.3	0.15-0.4	0.18-0.5	0.2-0.6	0.25-0.75	0.36-0.92	0.4-1.1
Input watt [W]	<30	40±5%	50±5%	60±5%	80±5%	100±5%	120±5%
Power factor	≥ 0.9	≥ 0.9	≥ 0.9	≥ 0.9	≥ 0.9	≥ 0.9	≥ 0.9
Voltage [V]	30	30	30	36	36	30	30
Current(reference) [A]	0.9	1.2	1.5	15	2.0	3	3.6
Wattage(reference) [W]	<27	36±5%	45±5%	54±5%	72±5%	90±5%	108±5%
Power efficiency	0.88	0.88	0.88	0.88	0.9	0.9	0.9
Luminous flux [Lm]	3400	4600	5700	6900	9200	11500	13800
Colour temperature [K]	3000-5700	3000-5700	3000-5700	3000-5700	3000-5700	3000-5700	4000-5700
Colour renderin index g [Ra]	70	70	70	70	70	70	70
Lumen maintenance(2000h)[%]	98	98	98	98	98	98	98
Beam angle [H, V]	92 (TYPE II)	92 (TYPE II)	92 (TYPE II)	92 (TYPE II)	92 (TYPE II)	102 (TYPE II)	102 (TYPE II)
Optical intensity [cd]	1400	2080	2400	2800	3700	4560	5470
Average life [h]	50000	50000	50000	50000	50000	50000	50000
IP	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Ambient temperture	-25°C-40°C	-25°C-40°C	-25°C-40°C	-25°C-40°C	-25°C-40°C	-25°C-40°C	-25°C-40°C
Burning position [°C]	—	—	—	—	—	—	—
LED chip	3030	3030	3030	3030	3030	3030	3030
Material	ADC12+glass	ADC12+glass	ADC12+glass	ADC12+glass	ADC12+glass	ADC12+glass	ADC12+glass

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	OPERATING HOURS			
	0	25,000	50,000	100,000
25°C/77°F	1.00	0.9	0.8	0.63
40°C/104°F	0.99	0.88	0.77	0.6

Data references the extrapolated performance projections for the LEDBG002A base model in a 40°C ambient and 10,000 hours testing.

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)

AMBIENT TEMPERATURE	LUMEN MULTIPLIER
0°C	1.02
10°C	1.01
20°C	1.00
25°C	1.00
30°C	1.00
40°C	0.99
50°C	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C(32-122°F)