



PEONYLIGHTING

LED Product Manuals

2019
LED Lighting



Peony Lighting Technology Co.,Ltd

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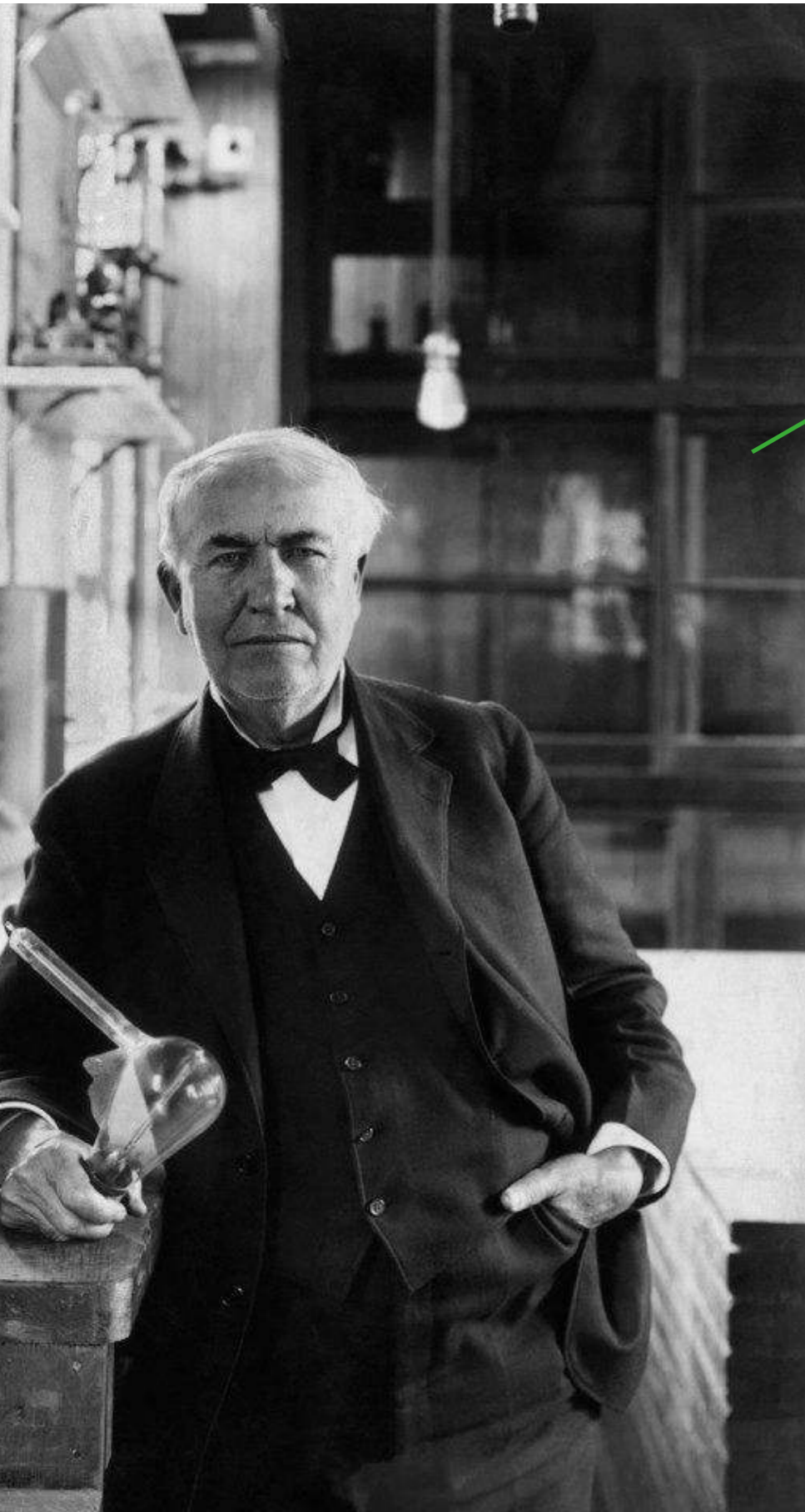
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Company Introduction

Peony Lighting Technology Co.,Ltd was built in 2011,located in shenzhen, China , which is a professional LED high-tech enterprise integrates products research and development, production, marketing, projects and technical services. We have an experienced team of R&D engineer, optical, structural and electronic engineers who have been in this for many years. With the first -class fully automated production equipment and skillful production team,Peonylighting has successfully developed the international-leveled LED application products (led highbay light and street light ,led flood light ,led gas station light ,tunnel light ,led track light and led spot light and led linear light and tri-proof light) by the gradually deepened research and innovation. Our products enjoy a great popularity in more than 100 countries like USA, Japan mexico and brasil ,germany and france, Australia, Singapore, UK, Japan and Spain and so on ,And we also undertake some lighting, landscape engineering and lighting projects from both home and abroad.

With the idea of “exploration, innovation, efficiency and high-quality”, the operation policy of “quality is the lifeline of a company” and its modernized management and service.

Peonylighting has won the trust and respect of many clients from both domestic and oversea. We strictly manage the quality control through ISO9001:2015 quality management system. Our products have passed the certificates of CE ROHS IP65 IK08 and atex and so on .which is the guarantee of high-quality products. Currently, our products have been widely used in many fields like street and highway and path park lighting, landscape, commercial lighting and industrial lighting and on .peonylighting luminaires were applied successfully in thousands of projects worldwide, such as warehouse, factories, parking lot, hospital, school, office, football field, tennis court and supermarket.

With its developing policy of “integrity to develop new markets, high-quality to consolidate the market, technology lead the market” and its goal of” LED green lighting, energy-saving, low-carbon and environmental-friendly” , Peonylighting wishes to cooperate with you in a Win-Win relationship.

CATALOGUE

02

Led street light



05

Led gas station light



06

Led flood light



08

Led highbay light



10

Led track light



11

Led down light



12

Led linear light



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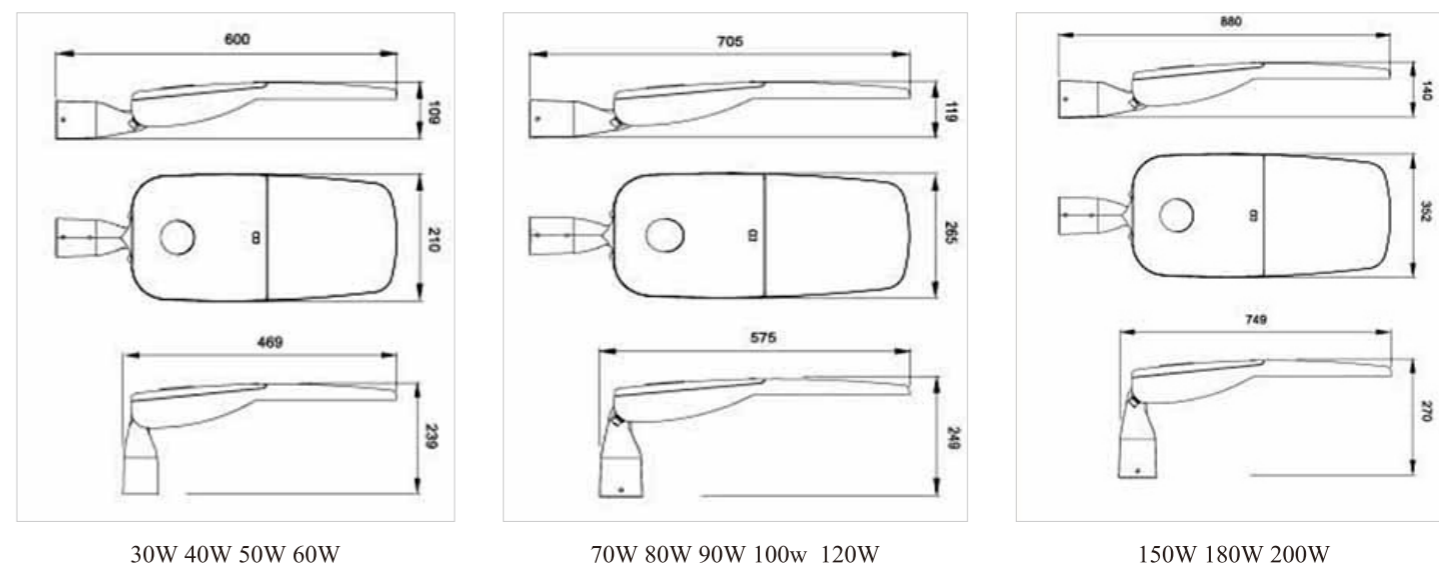
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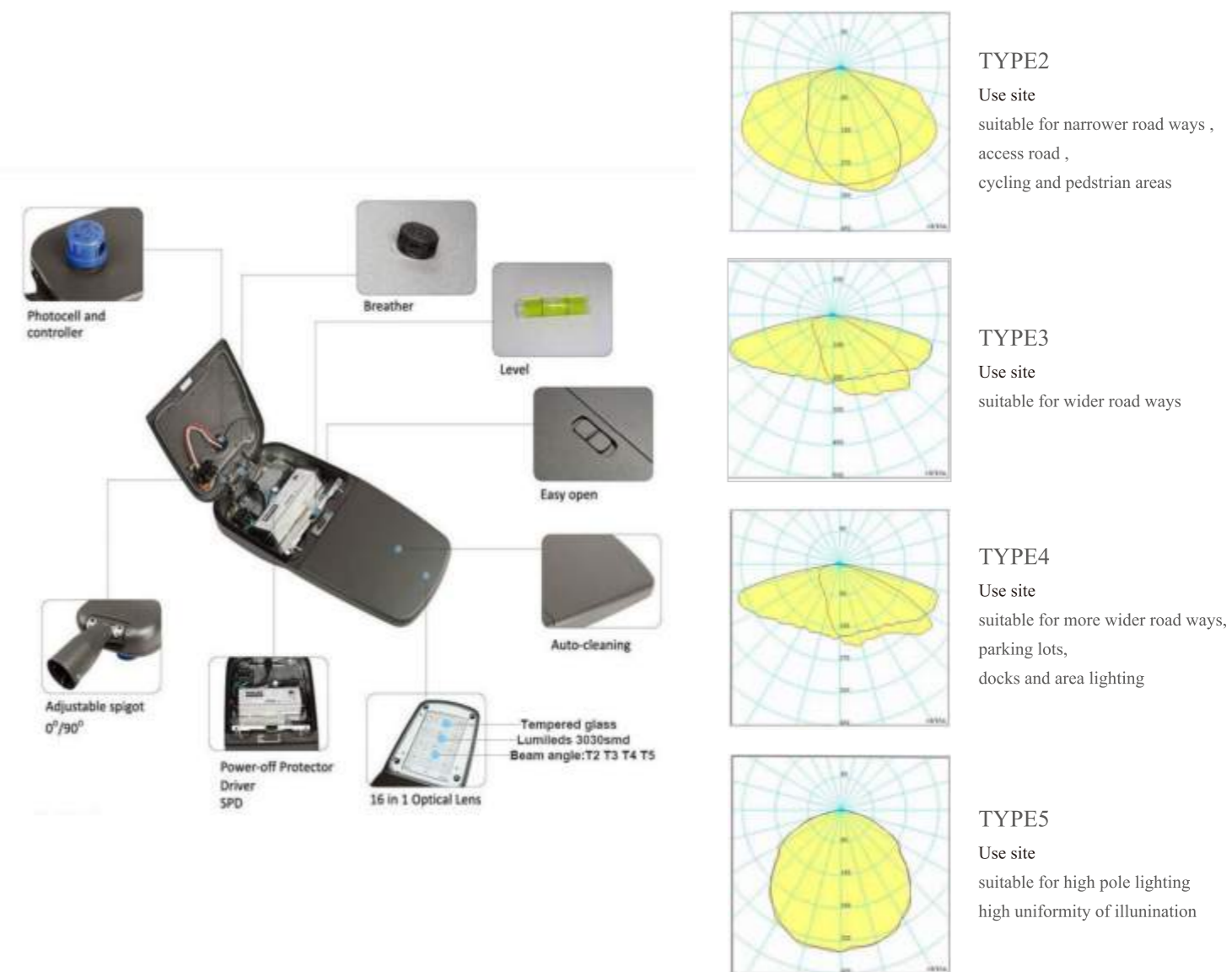


| Model | PL-LD-067 | PL-LD-067 | PL-LD-067 |
|-------------------|--|-----------------------|----------------|
| Input Voltage | 100-305 V AC | | |
| Power | 30W 40W 50W 60W | 70W 80W 90W 100w 120W | 150W 180W 200W |
| Size(mm) | 600*210*109mm | 706*265*119mm | 880*352*140mm |
| LED chip | Lumileds 3030SMD | | |
| CCT&CRI | 2700-6500K & Ra>70/80 | | |
| Power Factor | >0.95 | | |
| Light efficiency | 145LM/W±5% | | |
| Beam angle | T2 T3 T4 T5 | | |
| LED driver brand | SOSEN, Meanwell driver ELG/HLG series | | |
| Surge protection | 6KV/10KV/20KV as customers' requirement | | |
| Waterproof and IK | IP66 IK10 | | |
| Housing material | Die-cast Aluminum +Steel glass | | |
| Work temperature | -40°C~50°C 20%~90% H.R | | |
| Lifespan | 100000 hours | | |
| Control | Photocell ,0-10V;dimming range;DALI | | |
| Certificates | CE ROHS SAA CB ENEC IK10 IP66 LM80 LM79 TM21 | | |
| warranty | 5 -8years | | |

Dimension(mm)



Lighting distribution





| | | | | |
|------------------|--|-----------------|-----------------|-----------------|
| Model | PL-LD-068S-100W | PL-LD-068S-150W | PL-LD-068S-200W | PL-LD-068S-250W |
| Input Voltage | 100-305 V AC | | | |
| Power | 100W | 150W | 200W | 250W |
| Size(mm) | 545*356*115mm | 625*356*115mm | 705*356*115mm | 785*356*115mm |
| LED chip | Lumileds 5050SMD | | | |
| CRI | 2700-6500K & Ra>70/80 | | | |
| Power Factor | >0.95 | | | |
| Light efficiency | 160-170LM/W | | | |
| Beam angle | 150*70° | | | |
| LED driver brand | SOSEN, Meanwell driver ELG/HLG series | | | |
| Surge protection | 6KV/10KV/20KV as customers' requirement | | | |
| IP&IK | IP66 & IK10 | | | |
| Control | Photocell ,0-10V;dimming range;DALI | | | |
| Housing material | Excellent Aluminum +Acrylic lens | | | |
| Work temperature | -40°C~50°C 20%~90% H.R | | | |
| Lifespan | 50000 hours | | | |
| Control | Photocell,0-10v,dimming range,Dali | | | |
| Certificates | CE ROHS SAA CB ENEC IK10 IP66 LM80 LM79 TM21 | | | |
| warranty | 5-8years | | | |



| | | | |
|-------------------------|---------------------------------|---------------------------------|---------------------------------|
| S/N | 1 | 2 | 3 |
| Model number | PL-GS-B02S-100W | PL-GS-B02S-120W | PL-GS-B02S-150W |
| Power(W) | 100w | 120w | 150w |
| Dimension(mm) | 382*382mm | 382*382mm | 382*382mm |
| Net weight | 5.00KG | 5.00KG | 5.00KG |
| CCT | 2700K 3000K 4000k 5000k 5700K | 2700K 3000K 4000k 5000k 5700K | 2700K 3000K 4000k 5000k 5700K |
| Lumen efficiency (LM/W) | 120-130lm/W | 120-130lm/W | 120-130lm/W |
| LED Chip | 140pcs Philips Lumileds 3030SMD | 168pcs Philips Lumileds 3030SMD | 224pcs Philips Lumileds 3030SMD |
| Waterproof | IP66 | IP66 | IP66 |
| voltage | AC90-305V | AC90-305V | AC90-305V |
| Beam Angle | 120° | 120° | 120° |
| Warranty | 5-8 years | 5-8 years | 5-8 years |





| Model number | PL-SD-020-100W | PL-SD-020-150W | PL-SD-020-200W | PL-SD-020-250W | PL-SD-020-300W |
|----------------------------|-------------------------------|----------------|----------------|----------------|----------------|
| Power(W) | 100w | 150w | 200w | 250w | 300w |
| Dimension(mm) | 321*196*136mm | 321*268*136mm | 321*340*136mm | 321*412*136mm | 321*484*136mm |
| Net weight | 8.00KG | 9.30KG | 10.00KG | 11.50KG | 13.00KG |
| CCT | 2700K-6500K | | | | |
| Lumen efficiency (LM/W)±5% | 150lm/W | | | | |
| LED Chip | Lumileds 3030SMD | | | | |
| Waterproof | IP66 | | | | |
| voltage | AC90-305V | | | | |
| Beam Angle | 30°/60°/90°/80°/150°/90°/120° | | | | |
| Warranty | 5-8 years | | | | |



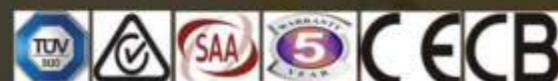
| Model number | PL-SD-020-400W | PL-SD-020-500W | PL-SD-020-600W | PL-SD-020-800W | PL-SD-020-1000W |
|----------------------------|-------------------------------|----------------|----------------|----------------|-----------------|
| Power(W) | 400w | 500w | 600w | 800w | 1000w |
| Dimension(mm) | 617*340*136mm | 617*412*136mm | 617*484*136mm | 617*628*136mm | 617*772*136mm |
| Net weight | 16.00KG | 18.00KG | 20.00KG | 25.00KG | 30.00KG |
| CCT | 2700K-6500K | | | | |
| Lumen efficiency (LM/W)±5% | 150lm/W | | | | |
| LED Chip | Lumileds 3030SMD | | | | |
| Waterproof | IP66 | | | | |
| voltage | AC90-305V | | | | |
| Beam Angle | 30°/60°/90°/80°/150°/90°/120° | | | | |
| Warranty | 5-8 years | | | | |

| Model number | Power (W) | Dimension (mm) | Net weight | CCT | Lumen efficiency (LM/W) | LED Chip | Waterproof | voltage | Beam Angle | Warranty |
|------------------|-----------|-----------------|------------|-------------|-------------------------|------------------|------------|-----------|--|-----------|
| PL-SD-039E-100W | 100w | 309.6*116*190.6 | 2.50KG | 2700K-6500K | 155-165 lm/W | Lumileds 5050SMD | IP66 | Ac90-305V | 8° 20° 40° 60° 90° 140x100° 120° | 5-8 years |
| PL-SD-039E-120W | 120w | 309.6*116*190.6 | 2.50KG | | | | | | | |
| PL-SD-039E-200W | 200w | 369*132.1*342.8 | 6.00KG | | | | | | | |
| PL-SD-039E-240W | 240w | 369*132.1*342.8 | 6.00KG | | | | | | | |
| PL-SD-039E-300W | 300w | 369*132.1*474.7 | 7.00KG | | | | | | | |
| PL-SD-039E-400W | 400w | 596.9*369*137.6 | 9.00KG | | | | | | | |
| PL-SD-039E-480W | 480w | 596.9*369*137.6 | 9.00KG | | | | | | | |
| PL-SD-039E-600W | 600w | 860.9*369*132.1 | 15.00KG | | | | | | | |
| PL-SD-039E-720W | 720w | 860.9*369*132.1 | 15.00KG | | | | | | | |
| PL-SD-039E-800W | 800w | 650*117.6*335.4 | 21.00KG | | | | | | | |
| PL-SD-039E-960W | 960w | 650*117.6*335.4 | 21.00KG | | | | | | | |
| PL-SD-039E-1000W | 1000w | 650*117.6*467.4 | 23.50KG | | | | | | | |
| PL-SD-039E-1000W | 1000w | 650*117.6*467.4 | 23.50KG | | | | | | | |
| PL-SD-039E-1500W | 1500w | 650*117.6*599.4 | 31.00KG | | | | | | | |

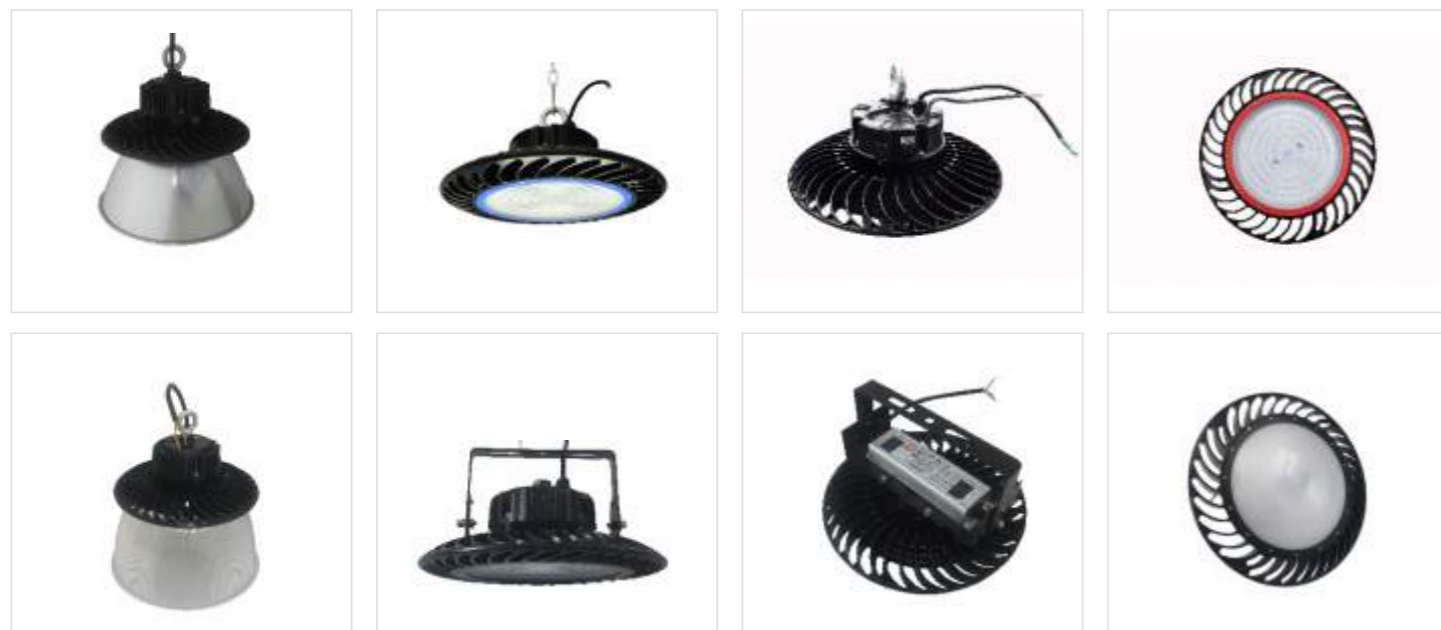




PL-UFO-08series UFO led highbay lights
 100W 150W 200W 60/90/120degrees
 170-180LM/W 5 years warranty
 www.peonylighting.com



| Model number | Power (W)±5% | Dimension (mm) | Net weight (KG) | CCT | Lumen efficiency (LM/W)±5% | Ra | Chip brand | Materials | Beam Angle | IP rating |
|-----------------|--------------|----------------|-----------------|----------------------------------|----------------------------|------------|-------------------------------|--------------------------------------|------------|-----------|
| PL-UFO-08S-100W | 100w | Φ 280*168 | 2.15 | 3000K 4000K 5000K 5700K | 180lm/w | CRI >70/80 | 260pcs Samsung 2835smd | Diecast Aluminum +toughed glass+Lens | 60/90/120° | IP65 |
| PL-UFO-08S-150W | 150w | Φ 340*174.5 | 4.30 | | | | 400pcs Samsung 2835smd | | | |
| PL-UFO-08S-200W | 200w | Φ 400*175.5 | 5.50 | | | | 540pcs Samsung 2835smd | | | |
| Model number | Power (W)±5% | Dimension (mm) | Net weight (KG) | CCT | Lumen efficiency (LM/W)±5% | Ra | Chip brand | Materials | Beam Angle | IP rating |
| PL-UFO-08-100W | 100w | Φ 280*168 | 2.15 | 3000K 4000K 5000K 5700K | 150lm/w | CRI >70/80 | 133pcs CREE /Lumileds 3030smd | Diecast Aluminum +toughed glass+Lens | 60/90/120° | IP65 |
| PL-UFO-08-150W | 150w | Φ 340*174.5 | 4.30 | | | | 210pcs CREE /Lumileds 3030smd | | | |
| PL-UFO-08-200W | 200w | Φ 400*175.5 | 5.50 | | | | 266pcs CREE /Lumileds 3030smd | | | |



PL-UFO-09 series UFO led highbay lights
 100W 150W 200W 60/90/120degrees
 130-140LM/W 5 years warranty
 www.peonylighting.com



| Model | PL-UFO-09-100W | PL-UFO-09-150W | PL-UFO-09-200W |
|---------------|--|-------------------------|-------------------------|
| Power(W)±5% | 100w | 150w | 200w |
| Dimension(mm) | Φ 250*172.15 | Φ 250*191.15 | Φ 280*199.75 |
| Net wight(KG) | 2.20 | 2.80 | 3.80 |
| CCT | 3000K 4000K 5000K 5700K | | |
| Lumen±5% | 140lm/w | | |
| Ra | CRI>70/80 | | |
| Chip brand | 133pcs Lumileds 3030smd | 210pcs Lumileds 3030smd | 260pcs Lumileds 3030smd |
| Materials | Cold forging Aluminum+toughed glass+Lens | | |
| Beam Angle | 60/90/120° | | |
| IP rating | IP65 | | |



PL-HBL-019A



PL-UFO-010



PL-UFO-011



PL-UFO-012



PL-UFO-013



PL-UFO-L



LED track light

| Model | Power (W) | Voltage | Lumen ±5% | CRI | LAMPSize (mm) | PF | Adapter | Beam Angle |
|--------------|-----------|-----------------------|-----------|-------|---------------|-------|------------|-------------|
| PL-TL-5W-D1 | 5W | TUV driver AC200-240V | 350lm | ≥80Ra | D50*H95 | >0.98 | 2/3/4 wire | 15°/24°/38° |
| PL-TL-9W-D1 | 9W | TUV driver AC200-240V | 630lm | ≥80Ra | D50*H95 | >0.98 | 2/3/4 wire | 15°/24°/38° |
| PL-TL-15W-D1 | 15W | TUV driver AC200-240V | 1250lm | ≥80Ra | D70*H122 | >0.98 | 2/3/4 wire | 15°/24°/38° |
| PL-TL-20W-D1 | 20W | TUV driver AC200-240V | 1700lm | ≥90Ra | D90*H157 | >0.98 | 2/3/4 wire | 15°/24°/38° |
| PL-TL-25W-D1 | 25W | TUV driver AC200-240V | 2100lm | ≥90Ra | D90*H157 | >0.98 | 2/3/4 wire | 15°/24°/38° |
| PL-TL-30W-D1 | 30W | TUV driver AC200-240V | 2700lm | ≥90Ra | D90*H157 | >0.98 | 2/3/4 wire | 15°/24°/38° |
| PL-TL-35W-D1 | 35W | TUV driver AC200-240V | 3600lm | ≥90Ra | D110*H195 | >0.98 | 2/3/4 wire | 15°/24°/38° |



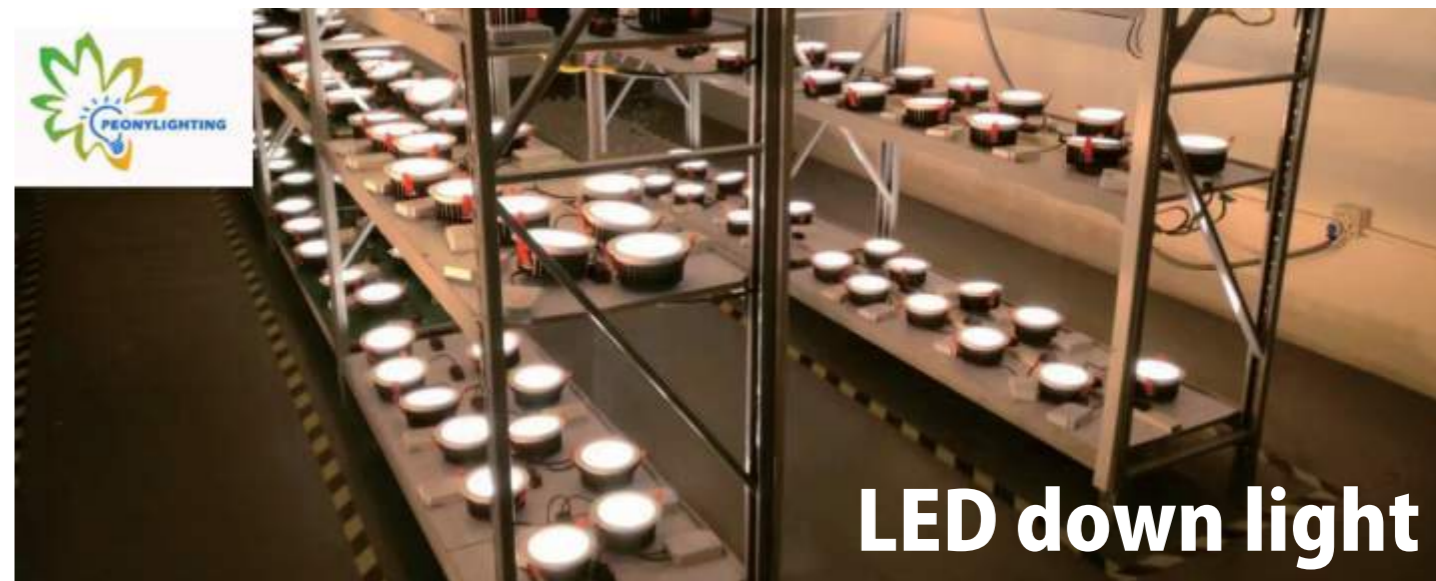
PL-TL-03C 50W



PL-TL-F2



PL-TL-J 2



LED down light



| Model | PL-TD-10W-32A | PL-TD-20W-032A01 | PL-TD-30W-032A01 | PL-TD-40W-032A | PL-TD-50W-032A | PL-TD-60W-032A |
|--------------|---|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Power(W) | 10W | 20W | 30W | 40W | 50W | 60W |
| Lumen±10% | 110-120lm/W | | | | | |
| CRI | Ra82/90 | | | | | |
| Chip | 10pcs Philips SMD3030 | 20pcs Philips SMD3030 | 30pcs Philips SMD3030 | 40pcs Philips SMD3030 | 50pcs Philips SMD3030 | 60pcs Philips SMD3030 |
| Beam Angle | 110° | | | | | |
| Material | Aluminum | | | | | |
| LAMPSize(mm) | Φ 110mm*H53mm cut hole φ 90-100mm | Φ 145mm*H69mm cut hole: 125-135mm | 190mm*H86mm cut hole:165-180mm | 230mm*H99mm cut hole:200-220mm | 230mm*H99mm cut hole:200-220mm | 230mm*H99mm cut hole:200-220mm |
| Voltage | Lifud driver AC200-240V50/60Hz | | | | | |
| IP grade | IP44 | | | | | |
| PF | >0.95 | | | | | |
| Warranty | 5 years | | | | | |



PL-COB-02E



PL-COB-020



PL-Shoplight



PL-TD-010



LED linear light



LED linear highbay light PL-HBL-019S4



LED linear light PL-T8-JHD01



LED Linkable Hanging Light PL-LHL-CDT



LED tri-proof light PL-IP65-03



LED tri-proof light PL-IP65-05



LED tri-proof light PL-IP65-01

CERTIFICATE SHOWING

ENEC,CB,CE,ROHS,SAA,TUV,LM80,LM79,TM-21,ETL,DLC

