

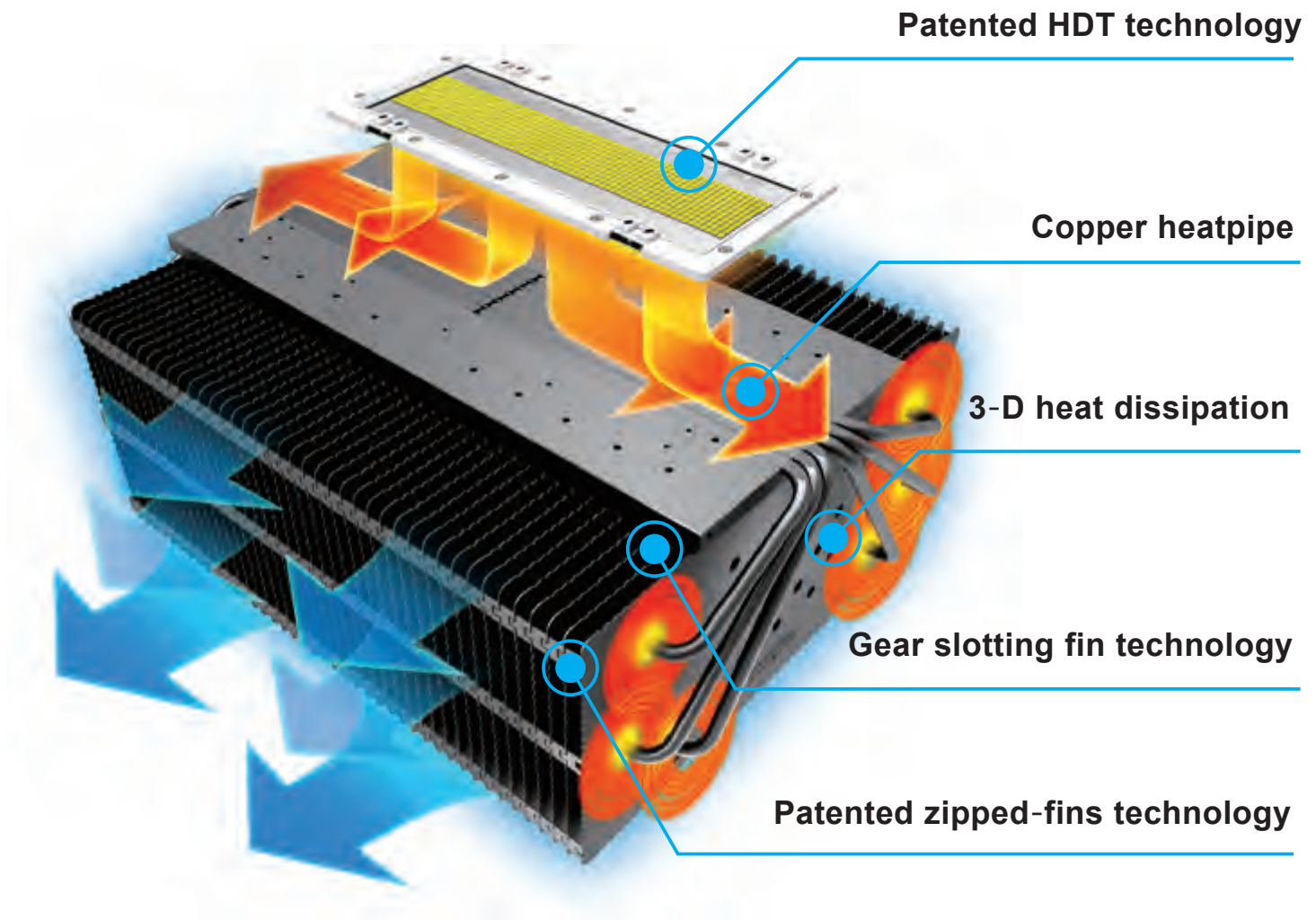


Photos

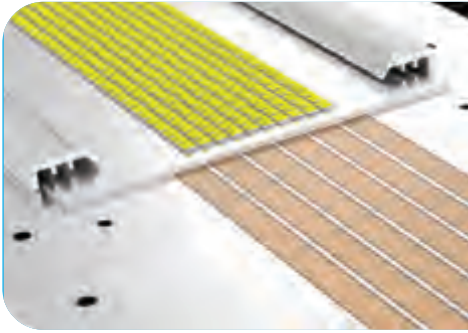


Incomparable Heatsink Housing

By riveting the heatpipes to the fins, make the incomparable heatsink housing. The heat from the LEDs is transformed to the fins with massive dissipating area by the 12× Ø8mm heatpipes, reducing the temperature of the LEDs rapidly and extending the lifespan.



Incomparable Heatsink Housing



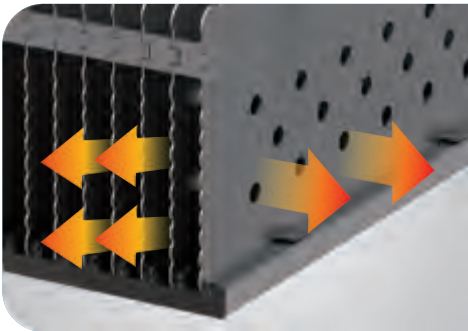
◀ Patented HDT technology

High efficient heatpipes contact the heat source directly, maxima the performance of the heatpipe to reach the cooling effect.



◀ High performance heatpipe conduct the heat

The heatpipe's principle is using the quick phases change of the liquid (medium) under vacuum condition which exchange the heat, the heat transfer rate is superior to any metal.



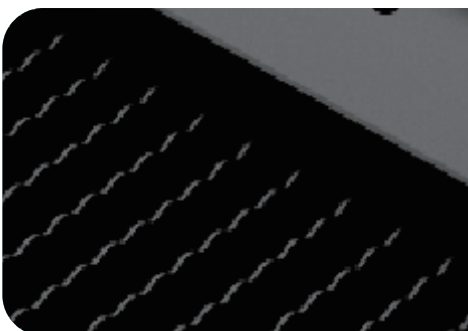
◀ 3-D heat dissipation

There are convection holes distributed on each fins allowing parallel direction airflow to maximum the cooling power.



◀ Patented zipped-fins technology

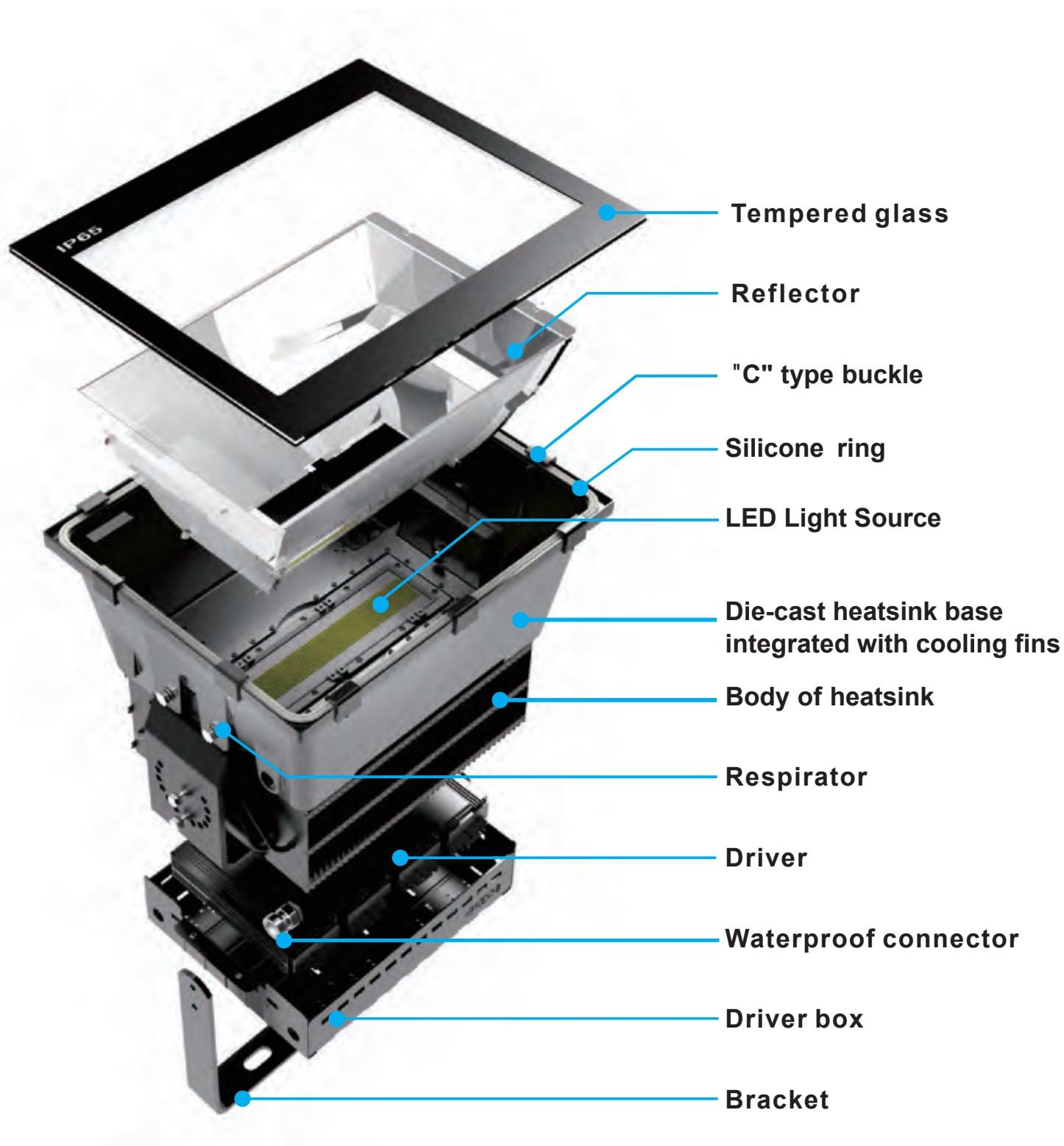
With zipped-fins technology, the convection airflow is evenly distributed in the cooling fins, optimizing the cooling effect.



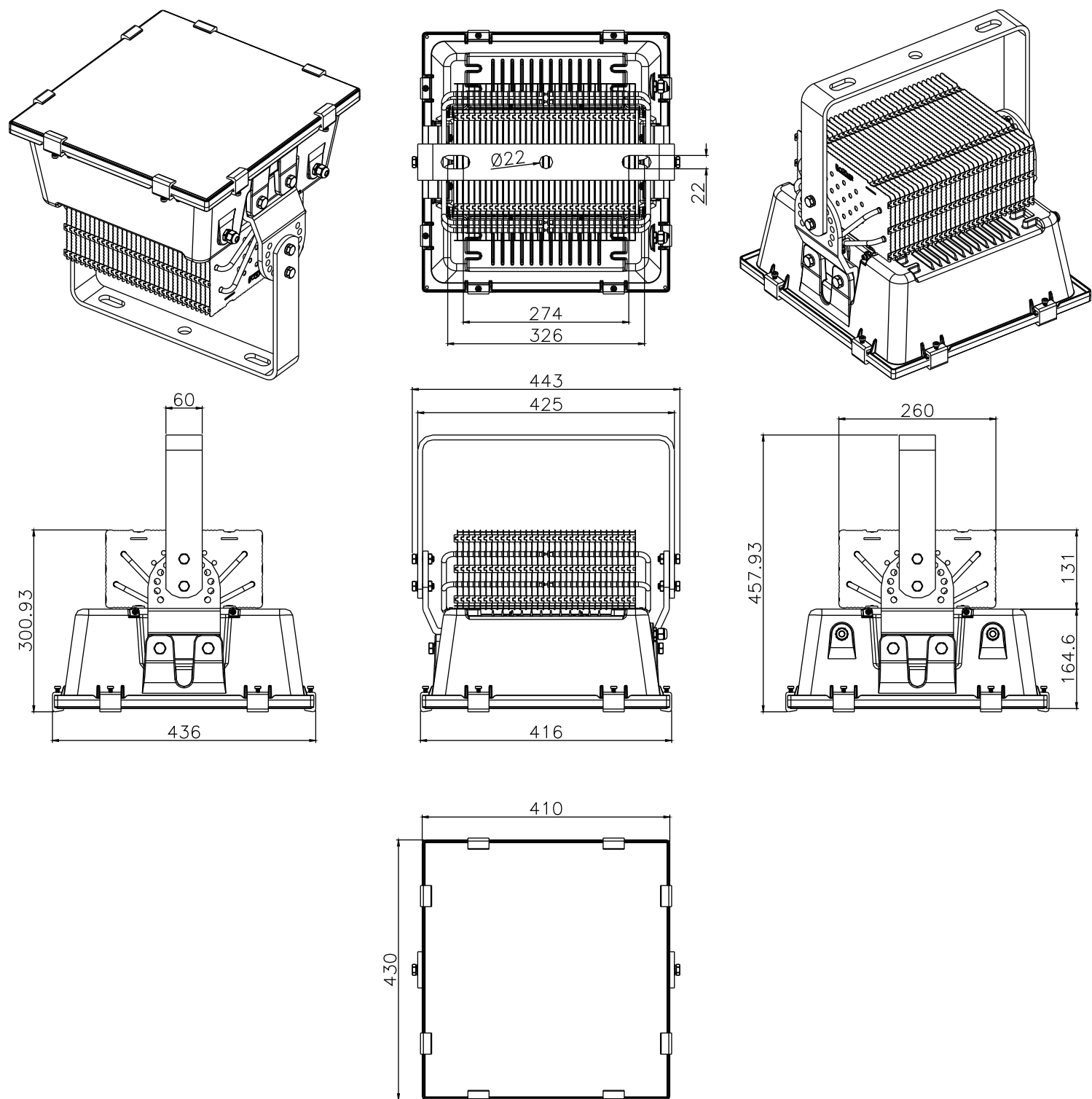
◀ Gear slotting fin technology

The fins couple into the base of the heatsink tightly, minimum the heat transfer resistance.

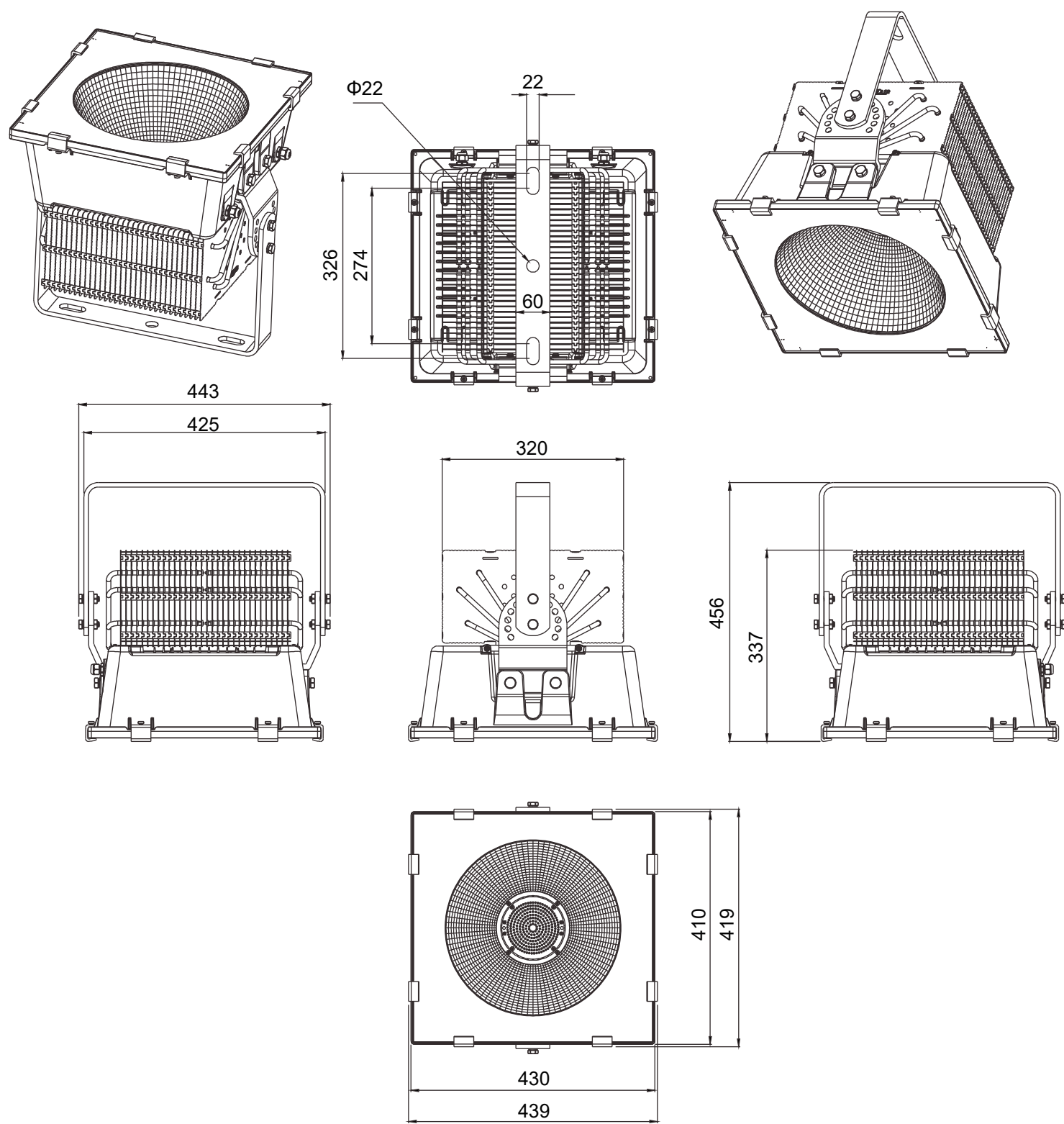
Structure



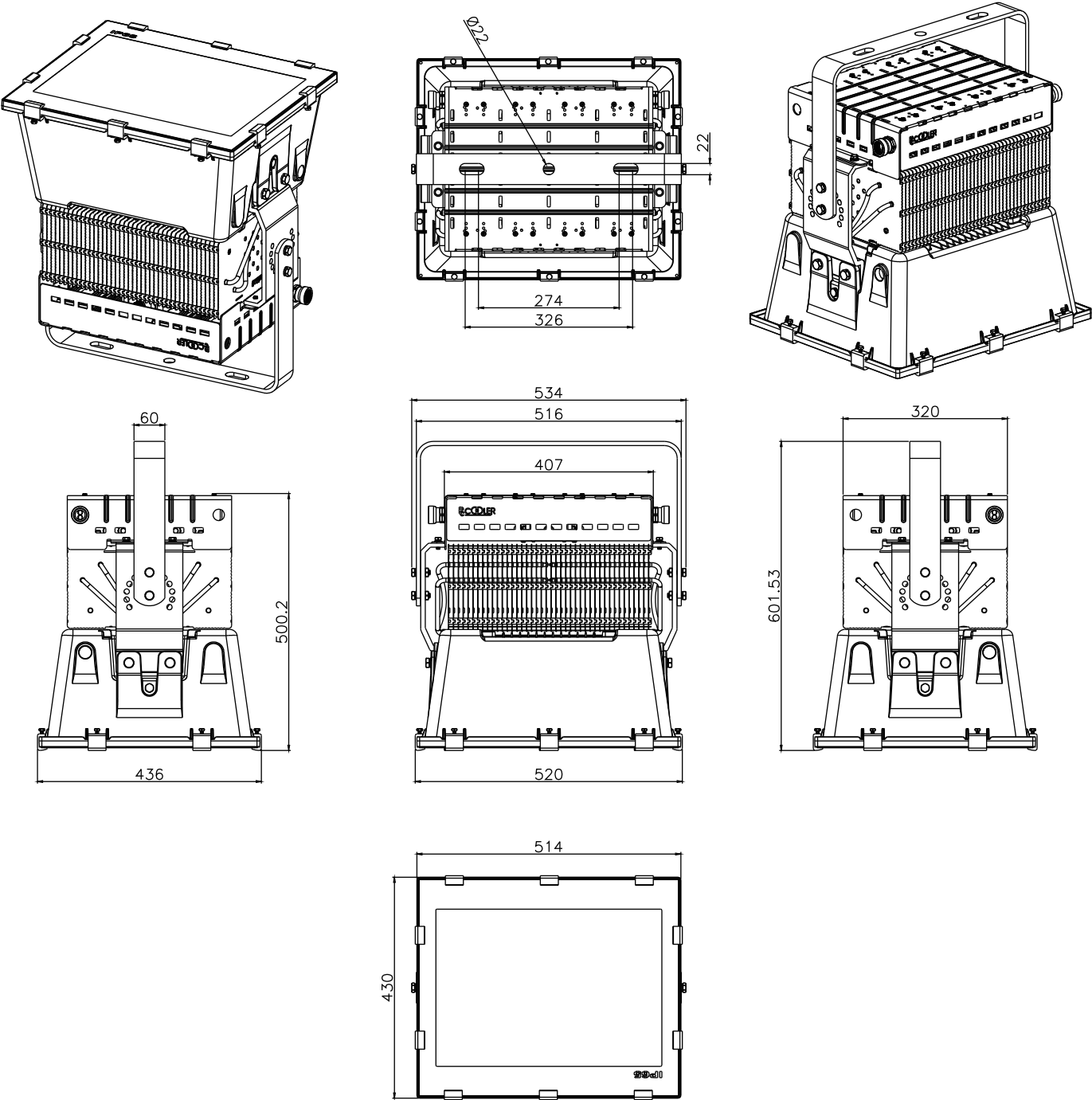
Dimensions-400W



Dimensions-500W



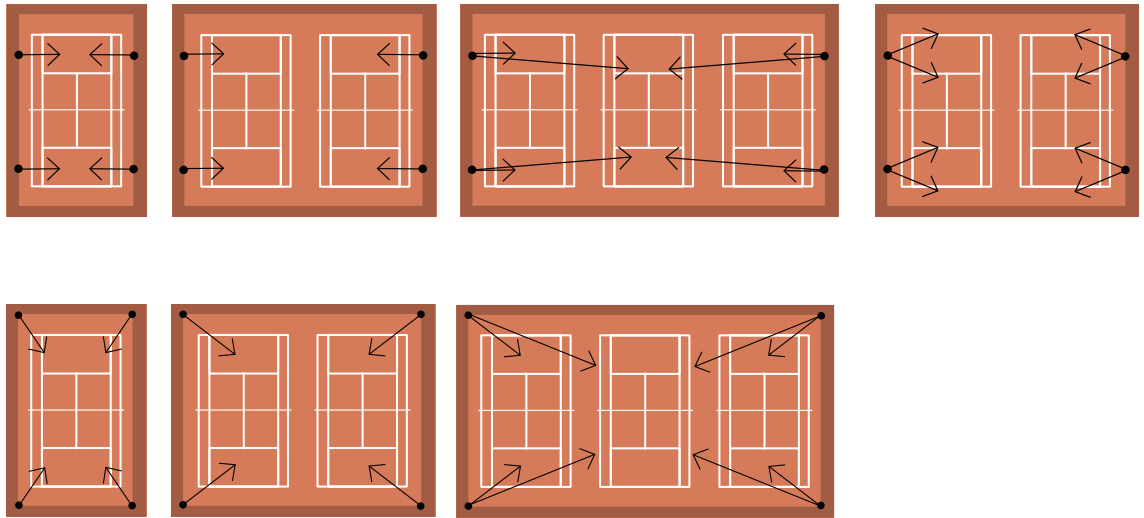
Dimensions-1000W



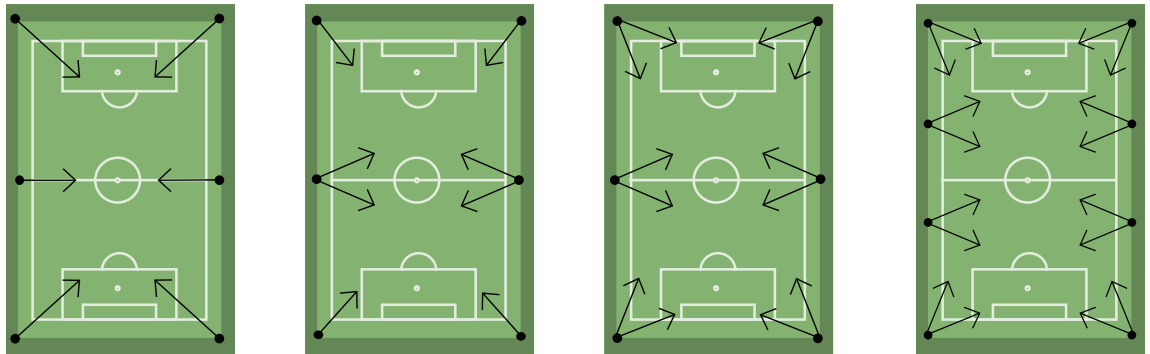
| | | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------|
| Model No. | ENFL-400W-06 | ENFL-500W-06 | ENFL-1000W-06 |
| Input Voltage | 85-265VAC | 85-265VAC | 85-265VAC |
| Frequency | 50-60Hz | 50-60Hz | 50-60Hz |
| Power Factor | >0.95 | >0.95 | >0.95 |
| LED | CREE-XTE 150PCS | CREE-XTE 220PCS | CREE-XTE 440PCS |
| Power | 400 | 500 | 1000 |
| Lumen Output | 36000 | 45000 | 90000 |
| Luminous Efficiency | 90lm/W | 90lm/W | 90lm/W |
| CRI | Ra>85 | Ra>85 | Ra>85 |
| Beam Angle | 25°/40°/ 60°/90° | 25°/40°/ 60°/90° | 90°H x 10°V/ 90°H x 50°V |
| Color Temperature | 3000K/ 4000K/ 6000K | 3000K/ 4000K/ 6000K | 3000K/ 4000K/ 6000K |
| Working Temperature | -30℃~+45℃ | -30℃~+45℃ | -30℃~+45℃ |
| Storage Temperature | -35℃~+60℃ | -35℃~+60℃ | -35℃~+60℃ |
| IP Grade | IP65 | IP65 | IP65 |
| Lumen Maintenance | 70% (50,000Hrs) | 70% (50,000Hrs) | 70% (50,000Hrs) |
| Driver | MEANWELL HLG-185H-42A 2PCS | MEANWELL HLG-240H-42A 2PCS | MEANWELL HLG-240H-36A 4PCS |
| Warranty | 5 Years | 5 Years | 5 Years |

Sports Courts Light Configuration

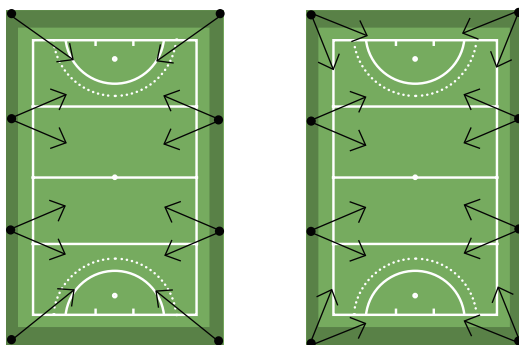
Tennis Court



Football Court



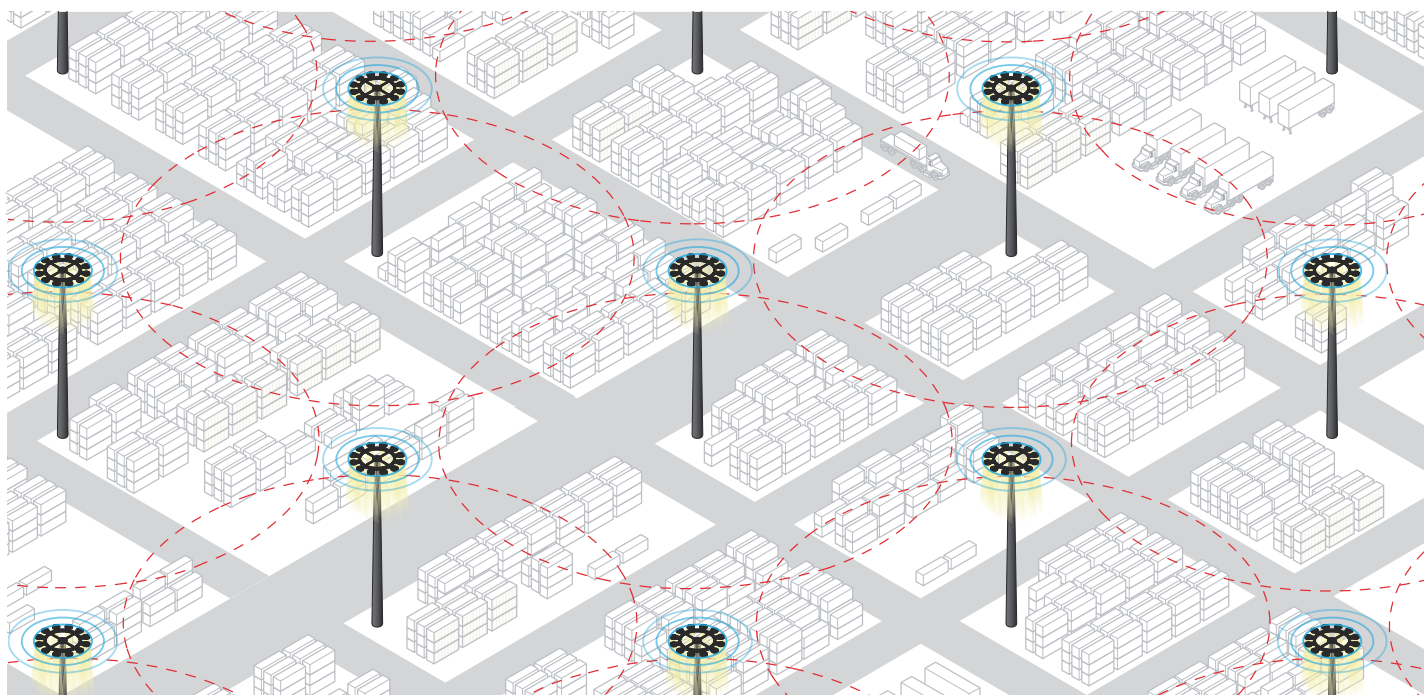
Hockey Court



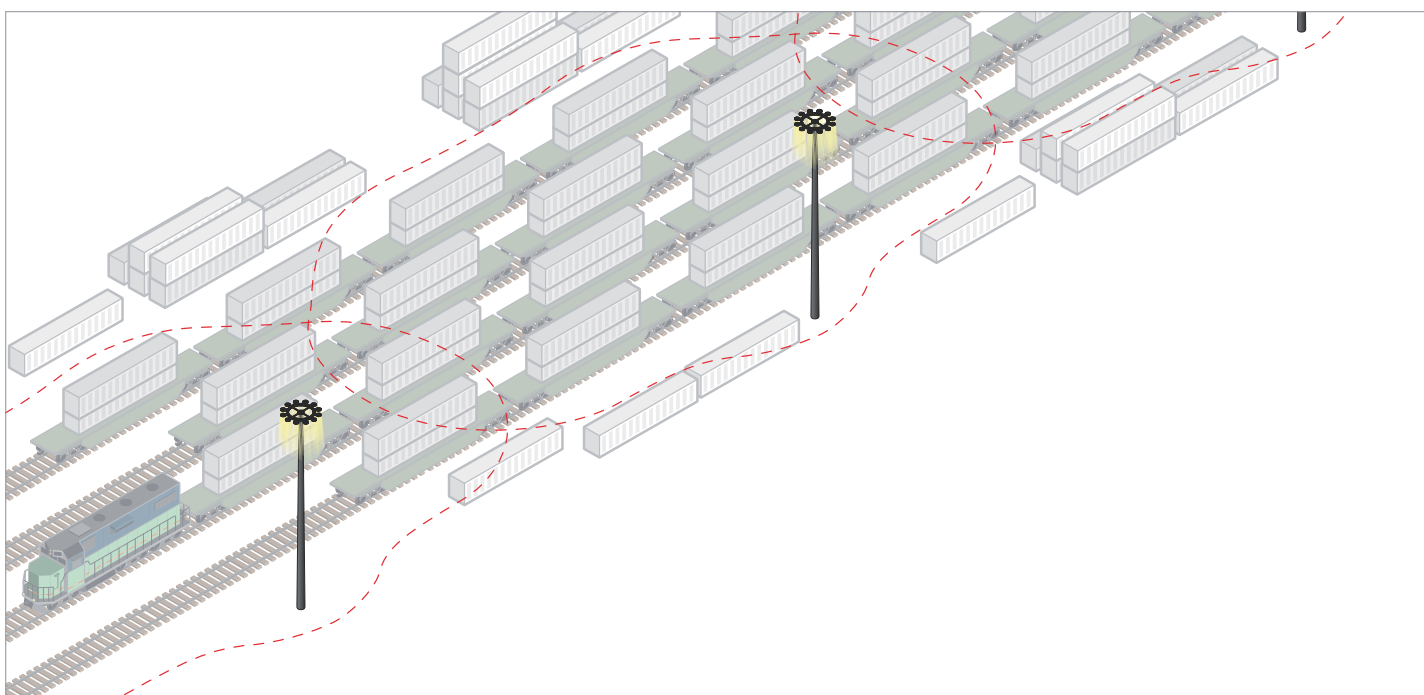
DISCLAIMER

The illumination solutions shown in these pictures are based on the typical layout of sports courts. As requirements and layout differ from country to country, you are advised to contact ENELTEC to discuss the illumination solution that best suits your requirements.

Container Area Light Configuration



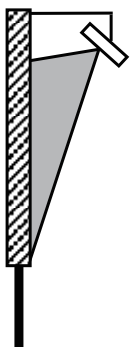
Rail Area Light Configuration



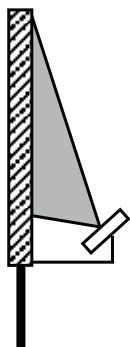
LED VS HID

| | |
|---|--|
|  |  |
| LED High Mast Light | Metal Halide High Mast Light |
| 400W | 750W |
| 500W | 1000W |
| 1000W | 2000W |

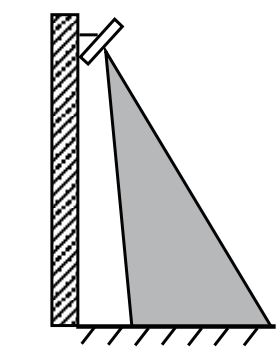
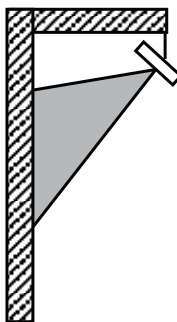
Installation Guideline



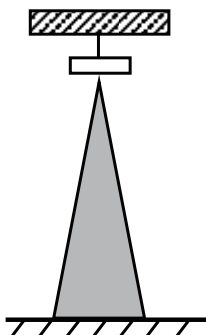
Arm-mounted
(outdoor signage board)



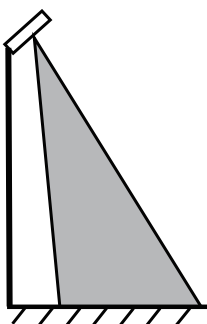
Canopy-mounted
(shop facade)



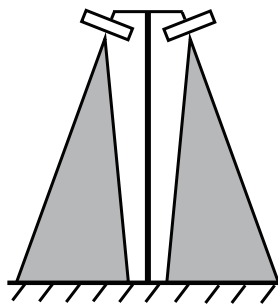
Wall-mounted
(outdoor playground)



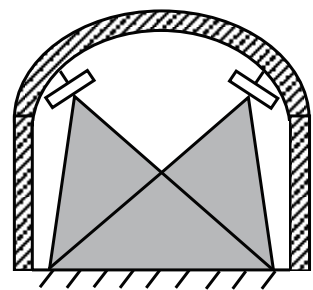
Ceiling-mounted
(warehouse)



Pole-mounted
(outdoor sport field)



Pole-mounted
(outdoor plaza)



Wall-mounted
(tunnel lighting)

Packing

| Model No. | ENFL-400W-06 | ENFL-500W-06 | ENFL-1000W-06 |
|------------------------|---------------------|---------------------|---------------------|
| Packing Dimension (mm) | 1 pc 580×580×420 | 1 pc 560×530×500 | 1 pc 800×620×610 |
| NW/GW (Kg) | 1 pc 15.0/19.0 | 1 pc 17.0/21.0 | 1 pc 26.0/32.0 |

