

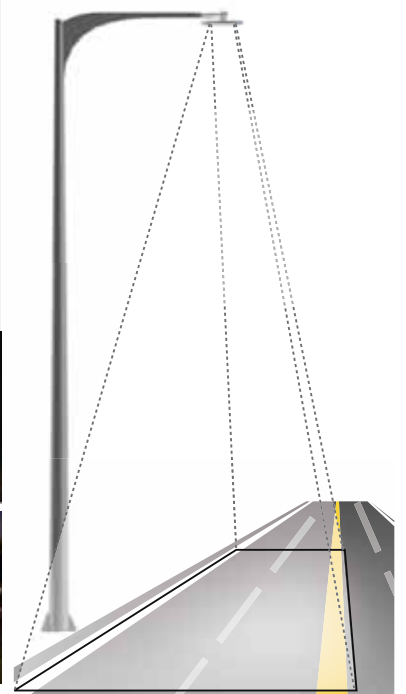
Street Light Security Light **CD800S**



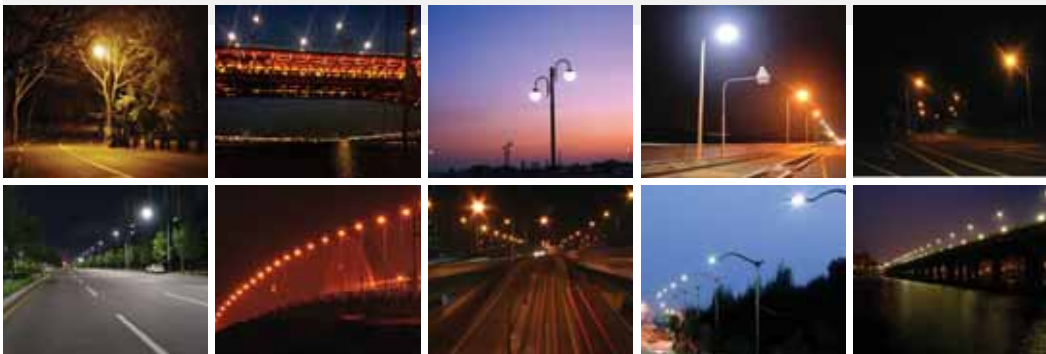
ICEPIPE LED Street Light

- ① Designed to endure strong winds up to 70m/sec
可以经受70m/sec强风
70m/sec의 강풍에도 견딜수 있는 구조
70m/sec의強風にも耐えられる構造
- ② Adjustable Angle Hinge
角度调节功能
각도조절 기능
角度調節機能
- ③ Blocks Direct Sunlight
拦截直射光线
직사광선 차단 구조
直射日光遮断構造
- ④ Auto Cleansing by Rain
雨水自动清洗
빗물에 의한 자동 청소 기능
雨水による自動クリーニング機能

- ⑤ Fundamental Solution for Light Pollution
完全解决了光污染
빛공해 원천적 해결
光害根本解決



Applications



Street Light Street Light Street Light Street Light Street Light

CD800S Specifications

Model	Power	Voltage	Hz	Wattage	Total Lumen	Pupil Lumen	Luminous Efficacy	CCT	CRI	Beam Angle	Temperature	IP
CD800S-P50W	MP1	AC100~277V (AC90~305)	50~60Hz	50W	4,750lm	9,025Plm	95lm/W	5,700K	83Ra	80° x 90°	-40°C~60°C	IP67
CD800S-P60W				60W	5,820lm	11,058Plm	97lm/W	5,700K	83Ra	80° x 90°	-40°C~60°C	IP67

※ In this catalogue, default color temperature is 5,700K and when color temperature of 3,000K is applied, total lumen and luminous efficacy decrease by 10%
 ※ Standard Deviation : Electricity Consumption ±7%, Total Lumen ±7%, Light Efficacy ±7%, CCT ±6%, CRI ±2% in this catalogue
 ※ Specifications are subject to change without prior notice. Please refer to our website for the newest specifications (www.icepipeLED.com)

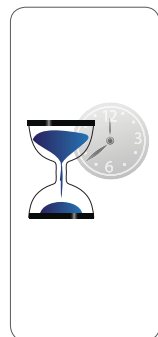
※ 1) Pupil Lumen (有效光通量, 가시총광속, 有效全光束) -- Reference p.24(p.24参照, p.24 참조, p.24 参照)
 Pupil Lumen = Photopic Lumens x S/P Ratio
 ○ Photopic Lumen : 照度计测的値 / 조도계로 측정된 값 / 照度測定器で測定した値
 ○ S/P Ratio : S/P 比率, S/P 비율, S/P 比率

CR2000 CH2000 CH2500 CD800 CD1500 CD3000 CD4000 CT2000 CT2500 CT3000 CT5000 CT8000 OBB Street CD800S CD1500S CD3000S CD4000S Omni LED POP LED

CD800S Series

Street Light, Security Light

Features(特点, 특징, 特徴)



Embedded Double Power Supply

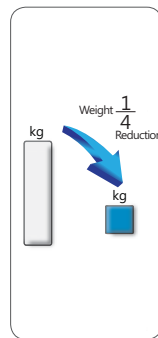
2重電源装置, 내장형 더블전원공급기, 内蔵型ダブル電源

Embedded Double Power Supply with "105°C 10,000 hours electrolysis capacitor" installed in double row arrangement fundamentally solved lifespan reduction derived by the capacitor's capacity decline to maximize lumen maintenance and overall lifespan.

采用105°C 1万小时的电解电容2重并列设计的2重电源装置·解决了因电容容量的减少导致使用寿命缩短的现象

105°C 1만시간 전해캐패시터를 2중병렬로 설치한 내장형 더블전원공급기를 사용하여 캐패시터의 용량감소로 인한 수명저하를 근본적으로 해결하였으며, LED의 광유지율을 높이고, 수명을 크게 늘렸습니다.

105°C 1万時間電解コンデンサを2重並列に搭載した内蔵型ダブル電源を使用してキャパシタの容量減少による寿命低下を根本的に解決し、LEDの光維持率を高め、寿命を大幅に増やしました



Ultra Small & Light simplifies Installation, Increases Safety

通过Ultra Small & Light使安装简单化、安全最大化, Ultra Small & Light로 설치 용이, 안전증대, Ultra Small & Lightで 設置容易, 安全確保

The ICEPIPE heatsink reduced LED chip temperature, as well as product weight and moment to under 1.7kg, and 2.03N, respectively. Small dimension and light weight simplifies installation steps and increases safety

通过使用ICEPIPE的散热技术降低了LED灯珠的温度同时产品重量减轻达到安装简便、提高安全性的目的

ICEPIPE 히트싱크를 적용하여 LED Chip의 온도를 낮추면서 제품의 무게는 대폭 줄였습니다. 설치 및 시공이 용이하고 안전이 증대됩니다.

ICEPIPEヒートシンクの装着によりLED Chipの温度を下げた同時、製品の重量を軽く、設置が容易で安全性が向上しました



Strong against Corrosion

防腐蚀性, 부식에 강함, 腐食に強い

Strong against corrosion as its heat sink is made of copper, and stainless-steel and poly carbonate for the other parts

所有部件由铜、不锈钢、聚碳酸酯组成防腐蚀性能十分优秀

방열 히트싱크를 세계최초로 구리를 사용하여 제작하고, 기타부품을 스텐레스와 폴리카보네이트를 사용하여 제작하였기 때문에 부식에 강합니다

銅材質のヒートシンクとステンレス鋼、ポリカーボネートの組合で腐食に強いです



Embedded Protection Circuit

内置安全保护回路, 안전보호회로 내장, 安全保護回路内蔵

An automatic power shutdown and returning circuit, which incorporating a sensor switch that turns off power in case of a fire, abnormal high temperature, overcurrent or overvoltage, is added. It prevents secondary fire and self-damage to the product

自动切断电源的传感器在遇到火灾、异常高温、过电流、过电压等现象时会自动切断·接通电源·从而避免二次火灾及对产品本身的损伤

화재, 이상고온, 과전류, 과전압 발생시 전원을 차단하는 센서스위치를 이용한 전원 자동 차단 및 자동 복귀 회로를 추가하였습니다. 제품에 의한 2차 화재발생 및 제품의 자체 손상을 방지합니다

電源遮断スイッチが搭載され、火災、異常高温、過電流などの現象が発生した場合、電源自動遮断、復帰回路を追加により、2次災害や製品の損傷を防止します



Ingress Protection Rating IP67

防水等级IP67, 방수등급 IP67, 防水等級IP67

By simplifying waterproof construction and equipping silicone waterproof sealing, it achieved ingress protecting rating IP67 Fully protected from dust and usable in water to 1 meter depth for 30 minutes

通过改善防水构造及安装构造·将防水等级提高到IP67·不仅完全防止灰尘进入而且能够在1m水下30分钟不进水

방수구조를 단순화하고, 실리콘 방수 씰링을 이용하여 IP67을 구현하였습니다 먼지로부터 완벽하게 보호, 1m이하 물 속에 잠겨서 30분간 사용 가능합니다

防水構造を単純化させてシリコン防水リングでIP67を実現しました。粉塵が内部に侵入しないし、水深1mに30分間没することが可能です

Composition(内部构造, 내부구조, 内部構造)

Polycarbonate/ABS, 聚碳酸酯/ABS
폴리카보네이트/ABS, 폴리카보네트/ABS
Upper Cover
(顶盖, 상커버, 上部カバー)

Aluminum/Copper, 铝/铜,
알루미늄/구리, 알루미늄/銅
Ultralight Thermal Base

超轻量导热板, 초경량 서멀베이스,
超轻量放熱ベース

ICEPIPE is welded to ultralight thermal base and is excellent for heat transfer (The World's First)

ICEPIPE直接焊接在铝板上缘的导热性能非常卓越(世界首创)

초경량 서멀베이스(알루미늄)에 ICEPIPE가 금속 용접되어 열전달 우수(세계최초)

超轻量アルミ放熱ベースにICEPIPEが溶接され熱の伝導が優れます(世界最初)

Standard - Aluminum(铝, 알루미늄, アルミ)
Option - Copper(铜, 구리, 銅)

*Highest resistance against corrosive environment

*适用于要求耐腐蚀的区域

*내식성이 요구되는 장소에 사용 권장

*耐食性が要求される場所での使用を推奨

Embedded Double Power Supply

2重电源装置, 내장형 더블전원
공급기, 内蔵型ダブル電源

MP1

By applying the power correction circuit and stabilizing DC output, respectively, the power factor is increased to 0.93 and flickering (voltage fluctuation under 0.2%) is prevented. 105°C 10,000-hour electrolysis-capacitor is arranged in a double row to fundamentally solve the problem of fall in lifespan due to capacity reduction of the capacitor

采用功率因数补偿电路·使直流输出电压的变化小于0.2%防止了闪烁现象·功率因数提高到0.93
为了提高电源的寿命通过采用105°C·1万小时的电解电容2重并列设计·解决了因电容容量的减少导致使用寿命缩短现象

역률보상회로를 적용하여 역률을 0.93으로 높이고, 플리커가 없도록 DC출력을 일정(전압변동 0.2% 이하)하게 하였습니다. 파워의 수명을 대폭 증가시키기 위하여 105°C 1만시간 전해개패시터를 2중 병렬로 설치하여 개패시터의 용량감소를 인한 수명저하를 근본적으로 해결하였습니다

力率補正回路を適用し、力率を0.93に高め、FlickerがないようにDC出力を安定させました(電圧変動0.2%以下)電源の寿命を長くするために105°C1万時間の電解コンデンサを2重並列に搭載してキャパシタの容量減少による寿命の短縮を根本的に解決しました

Silicone, 有机硅塑料, 실리콘, シリコン
Waterproof Sealing
防水密封圈, 방수씰링, 防水リング

Aluminum, 铝, 알루미늄, 알루미늄
R-Hinge2
R-可转动支架2, R-힌지2, R-회전브라켓2

Pivots up to 200° and rotates 360°
上下可转动 200°左右可转动 360°

상하 200°로 움직임이 가능하며 전체적으로 좌우 360°회전 가능함
上下200°動きが可能で、全体的に左右360°回転可能である

Copper, 铜, 구리, 銅
ICEPIPE Heatsink

- The World's First FDP(Fluid Dynamic Pressure) Technology
- 200 Times Faster Heat Transfer Rate than Aluminum(Al)
- Maximization of Air Flow through Aerodynamic Design
- Maximization of Heat Dissipation Surface
- Value of Thermal resistance Weight Multiplier 0.26

使用了世界最新开发出的FDP(Fluid Dynamic Pressure)技术
比铝(Al)制散热槽散热速度快200倍
通过空气动力学设计使空气流动最大化
散热面积最大化
热阻重量乘数值0.28

세계최초로 개발된 FDP(Fluid Dynamic Pressure) 기술 적용
알루미늄(Al)보다 열전도가 200배 빠름
공기 역학적 설계로 공기흐름 최대
방열면적 최대
열저항 중량 승수값 0.28

世界最初に開発された FDP(Fluid Dynamic Pressure)技術採用
アルミに比べて熱伝導率が200倍早いです
空気力学的な設計
放熱面積拡大
熱抵抗重量乗数値 0.28

※ A Value of Thermal resistance Weight Multiplier that is less than "1" indicates a high-efficiency heatsink

热阻重量乘数值小于《1》可称之为高效的散热器

열저항 중량 승수값이 "1"미만이면 고효율 히트싱크입니다
熱抵抗重量乘數値が1未満の高効率ヒートシンク搭載

Tempered Glass, 钢化玻璃, 강화유리, 強化ガラス
Diffuser Plate
散光板, 확산판, 乳白色板

Glare Prevention Diffuser Plate (Optional)

防止耀眼的散光板(可选择),
눈부심방지 확산판(선택가능),
眩しき防止乳白色板(選択可能)

Standard - Tempered Glass
钢化玻璃, 강화유리, 強化ガラス

Option - Glass Diffuser
散光玻璃, 확산유리, 乳白色ガラス
- Dome Diffuser
半球形散光灯罩, 확산구, 돔-型拡散力カバー

* When a Dome Diffuser or a Diffuser Plate is applied, it prevents glare, but Total Lumen will decrease approximately by 9% with a Diffuser Plate, and 2% with a Dome Diffuser, compared to a Clear Glass and a Clear PC

虽然利用散光板或半球形灯罩可以有效地防止耀眼现象·但是光通量与使用透明玻璃和透明PC相比在使用散光板时约降低9%·使用半球形灯罩时约降低2%

확산판, 돔디퓨저를 사용하면 눈부심이 방지되지만 총광량이 투명유리 및 투명PC에 비해 확산판은 약 9%, 돔디퓨저는 약 2% 정도 저하됩니다

乳白色板, 돔-型力カバーで眩しきは軽減されますが、全光束が透明ガラス及び透明PCに比べると乳白色板使った時約9%低下、ドーム型力カバー使った時約2%低下する。

Polycarbonate/ABS, 聚碳酸酯/ABS
폴리카보네이트/ABS, 폴리카보네트/ABS
Cover(盖子, 커버, 力カバー)

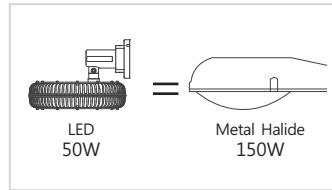


CD800S Series

Street Light, Security Light

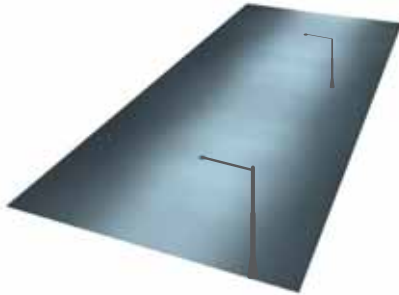
CD800S-P50W

Replacement for Metal Halide 150W, 可代替150W金属卤化物灯, 메탈할라이드 150W 대체가능, 메탈할라이드 150W 相当



Simulation Example

1. Model(型号名称, 모델명, モデル) : CD800S-P50W
2. Maintenance Factor : 75%
光维持率, 보수율, 保守率



3. Efficacy relative to installation conditions :
(On two lane road, installed along one side)

安装条件: 单向2车道, 1列,
설치 조건별 성능: (편도 2차선, 1열 설치),
設置条件: 片道2車線, 1列

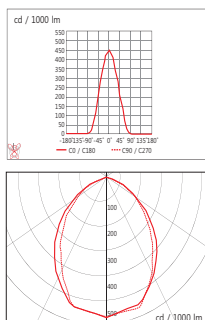
Interval 灯间距 등간격 照明間隔	Light Installation Height : 8m 灯具安装高度 등설치 높이 設置高さ		Light Installation Height : 10m 灯具安装高度 등설치 높이 設置高さ	
	Average Floor Illuminance 地面平均照度 바닥평균조도 床平均照度	Uniformity 均匀度 균제도 均齊度	Average Floor Illuminance 地面平均照度 바닥평균조도 床平均照度	Uniformity 均匀度 균제도 均齊度
20m	22.3lux	U0=0.77 U1=0.79	18.9lux	U0=0.88 U1=0.87
30m	14.9lux	U0=0.51 U1=0.66	12.6lux	U0=0.65 U1=0.72

* Clients can find simulation data for evaluation with installation dimensions, interval, and height.

客户提供相关安装参数时·本公司可提供照度模拟计算服务
조사면적, 등간격, 설치높이를 알려주시면 당사에서 시뮬레이션 해드립니다
照射面積は、照明の間隔、設置高さ情報をいただければ、当社でシミュレーションして致します

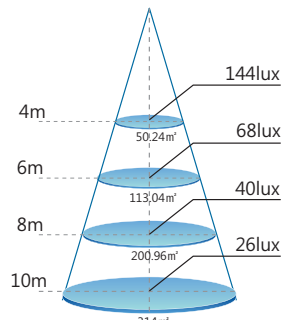
Light Distribution Curve

配光曲线, 배광곡선, 配光曲線



Illumination Intensity

照度示意图, 직하조도표, 直下照度



- Applications(适用范围, 용도, 適用範圍)
 - Street Light(路灯, 가로등, 街路灯)
 - Security Light(保安灯, 보안등, 防犯灯)

- Replacement For: Metal Halide 150W
代替: 150W 金属卤化物灯
대체: 메탈할라이드 150W
代替: 메탈할라이드 150W

Specifications(参数, 사양,仕様)

1. Input Voltage(输入电压, 입력전압, 入力電圧) : AC100~277V (AC90~305)
2. Installation(安装, 설치, 設置) : Arm
3. Wattage(消耗功率, 소비전력, 消費電力) : 50W
4. Total Lumen(光通量, 총광량, 全光束) : 4,750lm (4,275lm)
5. Luminous Efficacy(光效, 광효율, 光効率) : 95lm/W (86lm/W)
6. Pupil Lumens(有效光通量, 가시총광속, 有効全光束) : 9,025Plm (8,123Plm)
7. CCT(色温, 색온도, 色温度) : 5,700K (3000K)
8. CRI(显色性, 연색성, 演色性) : 83Ra
9. Beam Angle(照射角度, 조사각도, ビーム角) : 80°x 90°
10. IP Rating(防水等级, 방수등급, 防水等級) : IP67

Weight and Dimensions

1. Weight(重量, 무게, 重量) : 2.8Kg
2. Dimensions : Φ276mm(W) X 287mm(L) X 199(H)
产品尺寸, 제품사이즈, 製品サイズ
3. Packaging Size : 315mm(W) X 315mm(L) X 230mm(H)
单个产品包装, 개별박스포장, 小箱梱包

Installation Conditions(使用条件, 사용조건, 使用条件)

1. Indoors, Outdoors(with ceilings)
室内·室外(屋檐), 실내, 실외(천장 있는 곳), 屋内, 屋外(軒下)
2. Operation Temperature(使用温度, 사용온도, 使用温度) : -40°C~ 60°C
3. Permitted Installation Angle : Rotates360°, Pivots up to90°
适用安装角度: 上下200°, 全方向360°, 설치허용각도: 상하200°, 전방향360°,
設置許可角度: 上下200°, 全方向360°



Dimming(调光, 조광, 調光)

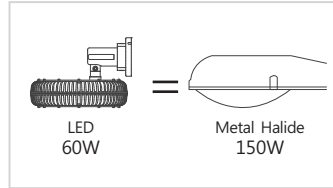
1. Dimmer Incompatible(禁止使用调光器, 디머 사용불가, 調光器使用不可)



* In this catalogue, default color temperature is 5,700K and when color temperature of 3,000K is applied, total lumen and luminous efficacy decrease by 10%
* Standard Deviation : Electricity Consumption ±7%, Total Lumen ±7%, Light Efficacy ±7%, CCT ±6%, CRI ±2% in this catalogue
* Specifications are subject to change without prior notice. Please refer to our website for the newest specifications (www.icepipeled.com)

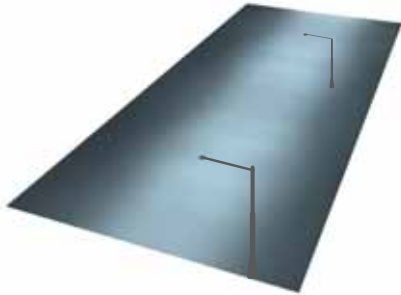
CD800S-P60W

Replacement for Metal Halide 150W, 可代替150W金属卤化物灯, 메탈할라이드 150W 대체가능, 메탈할라이드 150W 相当



Simulation Example

1. Model(型号名称, 모델명, 모델) : CD800S-P60W
2. Maintenance Factor : 75%
光維持率, 보수율, 保守率



3. Efficacy relative to installation conditions :
(On two lane road, installed along one side)

安裝條件: 单向2车道, 1列,
설치 조건별 성능 : (편도 2차선, 1열 설치),
設置條件: 片道2車線, 1列

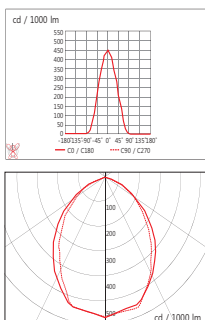
Interval 灯间距 등간격 照明間隔	Light Installation Height : 8m 灯具安裝高度 등설치 높이 設置高さ		Light Installation Height : 10m 灯具安裝高度 등설치 높이 設置高さ	
	Average Floor Illuminance 地面平均照度 바닥평균조도 床平均照度	Uniformity 均匀度 균제도 均齊度	Average Floor Illuminance 地面平均照度 바닥평균조도 床平均照度	Uniformity 均匀度 균제도 均齊度
20m	31.2lux	U0=0.77 U1=0.79	26.5lux	U0=0.88 U1=0.87
30m	20.8lux	U0=0.51 U1=0.66	17.7lux	U0=0.65 U1=0.72

※ Clients can find simulation data for evaluation with installation dimensions, interval, and height.

客户提供相关安装参数时·本公司可提供照度模拟计算服务
조사면적, 등간격, 설치높이를 알려주시면 당사에서 시뮬레이션 해드립니다
照射面積は、照明の間隔、設置高さ情報をいただければ、当社でシミュレーションして致します

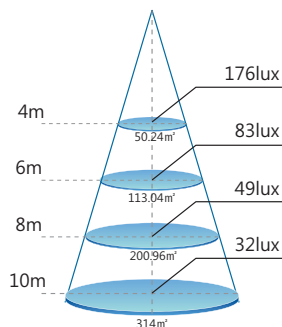
Light Distribution Curve

配光曲线, 배광곡선, 配光曲線



Illumination Intensity

照度示意图, 직하조도표, 直下照度



Applications(适用范围, 용도, 適用範圍)

- Street Light(路灯, 가로등, 街路灯)
- Security Light(保安灯, 보안등, 防犯灯)

Replacement For: Metal Halide 150W

代替: 150W 金属卤化物灯
대체: 메탈할라이드 150W
代替: 메탈할라이드 150W

Specifications(参数, 사양, 仕様)

1. Input Voltage(输入电压, 입력전압, 入力電圧) : AC100~277V (AC90~305)
2. Installation(安装, 설치, 設置) : Arm
3. Wattage(消耗功率, 소비전력, 消費電力) : 60W
4. Total Lumen(光通量, 총광량, 全光束) : 5,820lm (5,238lm)
5. Luminous Efficacy(光效, 광효율, 光効率) : 97lm/W (87lm/W)
6. Pupil Lumens(有效光通量, 가시총광속, 有効全光束) : 11,058Plm (9,952Plm)
7. CCT(色温, 색온도, 色溫度) : 5,700K (3000K)
8. CRI(显色性, 연색성, 演色性) : 83Ra
9. Beam Angle(照射角度, 조사각도, ビーム角) : 80°x 90°
10. IP Rating(防水等级, 방수등급, 防水等級) : IP67

Weight and Dimensions

1. Weight(重量, 무게, 重量) : 2.8Kg
2. Dimensions : Φ276mm(W) X 287mm(L) X 199(H)
产品尺寸, 제품사이즈, 製品サイズ
3. Packaging Size : 315mm(W) X 315mm(L) X 230mm(H)
单个产品包装, 개별박스포장, 小箱梱包

Installation Conditions(使用条件, 사용조건, 使用條件)

1. Indoors, Outdoors(with ceilings)
室内·室外(屋檐, 실내, 실외(천장 있는 곳), 屋内, 屋外(軒上))
2. Operation Temperature(使用温度, 사용온도, 使用溫度) : -40°C ~ 60°C
3. Permitted Installation Angle : Rotates 360°, Pivots up to 90°
适用安裝角度: 上下200°, 全方向360°, 설치허용각도: 상하200°, 전방향360°,
設置許容角度: 上下200°, 全方向360°



Dimming(调光, 조광, 調光)

1. Dimmer Incompatible(禁止使用调光器, 디머 사용불가, 調光器使用不可)

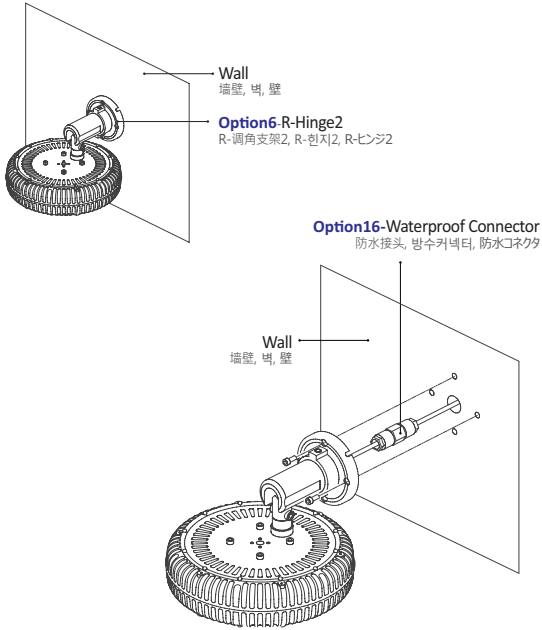


※ In this catalogue, default color temperature is 5,700K and when color temperature of 3,000K is applied, total lumen and luminous efficacy decrease by 10%
※ Standard Deviation : Electricity Consumption ±7%, Total Lumen ±7%, Light Efficacy ±7%, CCT ±6%, CRI ±2% in this catalogue
※ Specifications are subject to change without prior notice. Please refer to our website for the newest specifications (www.icpeiled.com)

CD800S Series Installation Types(安装形式, 설치타입, 設置タイプ)

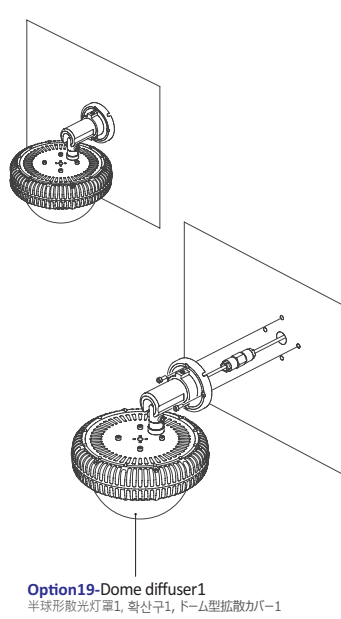
Street Light

Install ① CD800S + R-Hinge2 + Wall

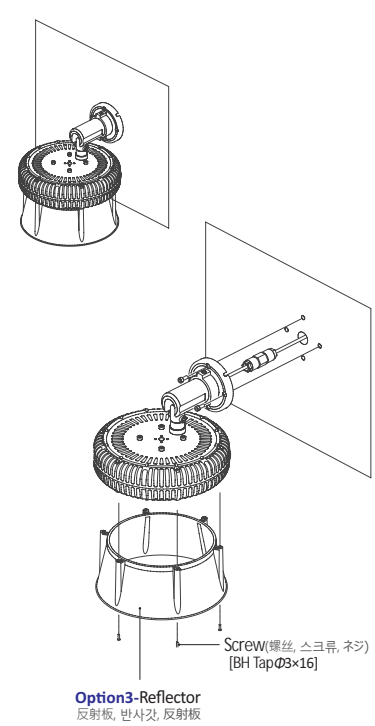


Street Light

Install ①-1 Dome Diffuser 1

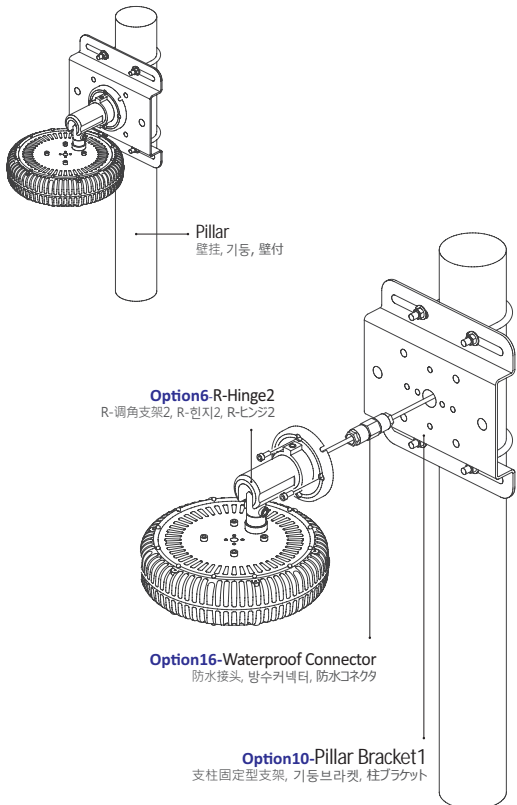


Install ①-2 Reflector

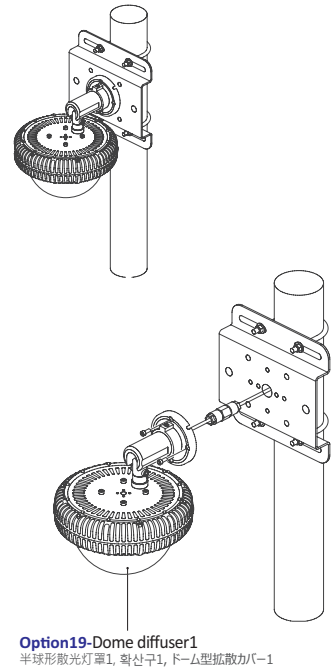


High Bay

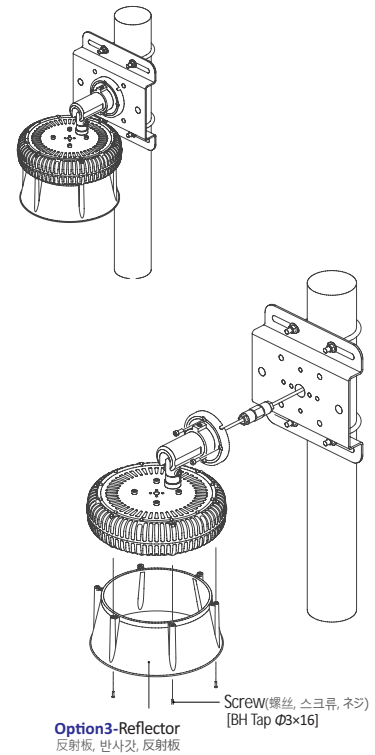
Install ② CD800S + R-Hinge2 + Pillar 1




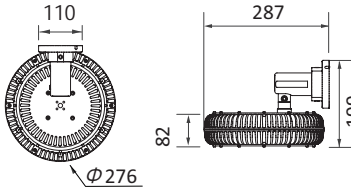
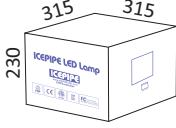
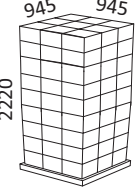

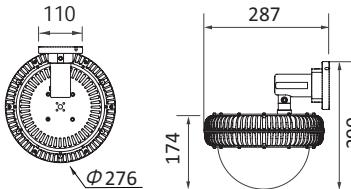
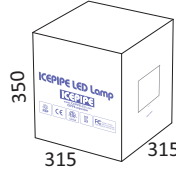
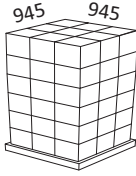

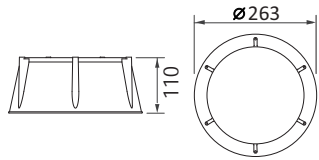
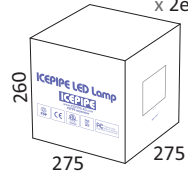
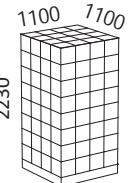

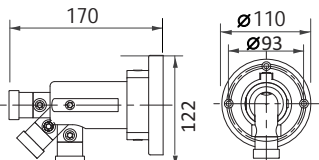
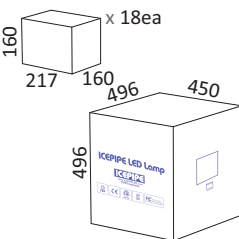
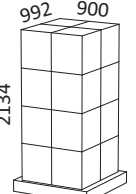

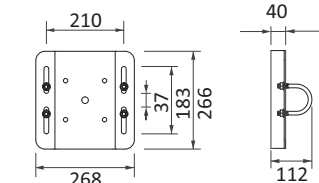
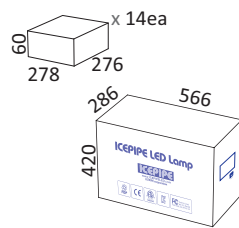
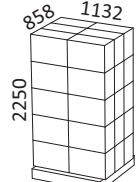

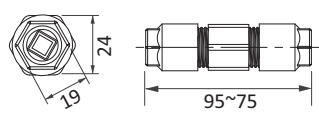

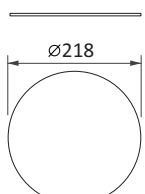

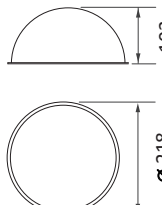
Install ②-1 Dome Diffuser 1



Install ②-2 Reflector



CD800S Series Options

Components 部件, 부품, 部品	Description 说明, 설명, 説明	Dimensions 外观尺寸, 외관치수, 外觀寸法図	Box size 包装尺寸, 박스사이즈, 梱包サイズ	Pallet size 托盘规格, 팔레트사이즈, palletサイズ
Main CD800S 	1. Weight : 2.8kg 2. Material : Aluminum, Poly Carbonate /ABS, CU			1 x 3R x 3R x 9L = 63ea 
Main + Dome Diffuser2 	1. Weight : 3kg 2. Material : Aluminum, Poly Carbonate /ABS, CU			1 x 3R x 3R x 6L = 54ea 
Option 3  Reflector 反射板, 반사경, 反射板	1. Weight : 300g 2. Material : Plastic(PC/ABS)			2 x 4R x 4R x 8L = 256ea 
Option 6  R-Hinge2 R-调角支架2, R-인지2, R-헝지2	1. Weight : 720g 2. Material : Aluminum			18 x 2R x 2R x 4L = 288ea 
Option 10  Pillar Bracket I 支柱固定型支架Ⅱ, 기둥브라켓 I, 柱ブラケットⅡ	1. Weight : 3kg 2. Material : Stainless Steel ※ Production on request 订单生产 주문후 제작 注文生産			14 x 2R x 3R x 5L = 420ea 
Option 16  Waterproof Connector 防水接头, 방수커넥터, 防水コネクタ	1. Weight : 31g 2. Material : Plastic(PVC/PE)		—	—
Option 17  Diffuser Plate 1 散光板, 확산판1, 乳白色板	1. Weight : 90g(PC), 293g(Glass) 2. Material : Plastic(PC), Glass ※ It must be ordered along with CD800S 请与CD800S灯具一起订购 CD800S 본체와 함께 주문하십시오 CD800S本体と一緒に注文してください		Option 19  Dome Diffuser 1 半球形散光灯罩, 확산구1, 下-么型拡散カバー 1. Weight : 165g 2. Material : Plastic(PC) ※ It must be ordered along with CD800S 请与CD800S灯具一起订购 CD800S 본체와 함께 주문하십시오 CD800S本体と一緒に注文してください	

Memo

CR2000

CH2000

CH2500

CD800

CD1500

CD3000

CD4000

CT2000

CT2500

CT3000

CT5000

CT8000

OB8 Street

CD800S

CD1500S

CD3000S

CD4000S

Omni LED Bulb

POP LED

