

PONI

S A V I N G I S G O O D

ISO9001



PONI

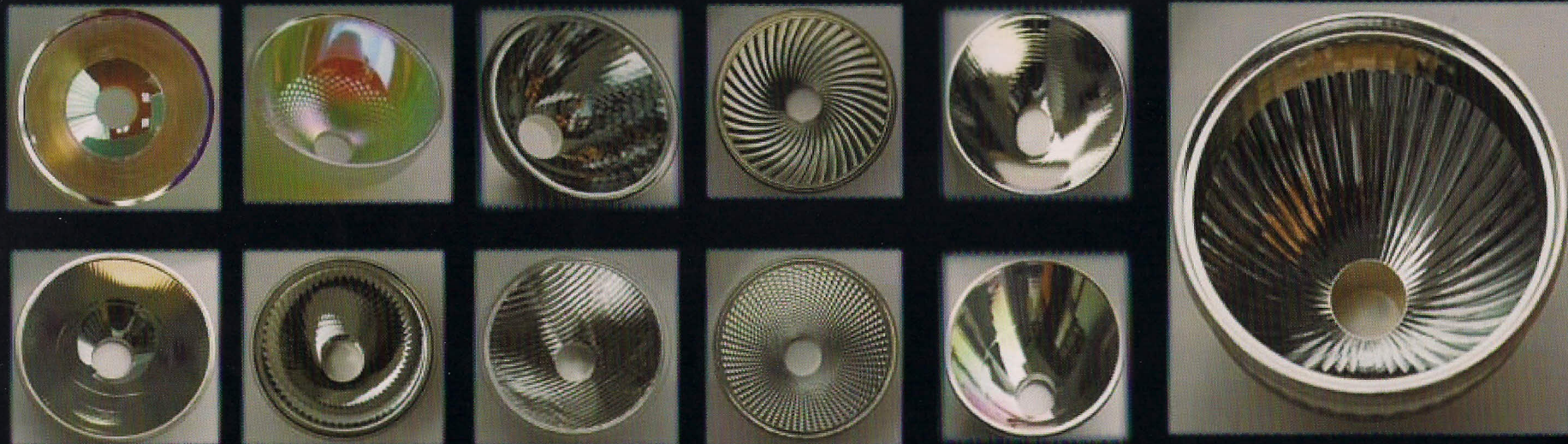
PONI SUPER REFLECTOR

65% brighter

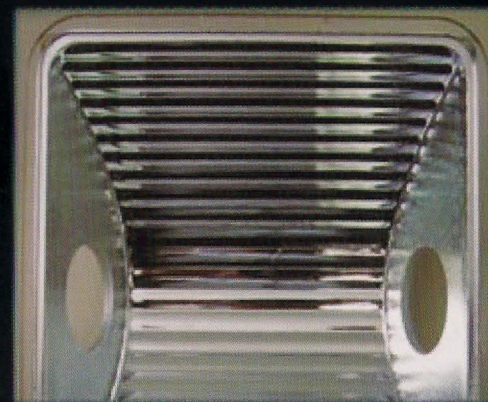
85% infrared transmit from back

Technology by GERMANY

Made by TAIWAN factory



The main technology in PONI is applying nano optics for illuminating is optical reflective usage, which is the most exact reflective optical flexure combined with 95% higher nano mirror-like coating reflective rate. So that it can attain the best luminaire exploitable rate.



PONI

Road Illumination Light Fixture

PONI REFLECTOR

Patented super
Efficient PONI reflector
148mmx148mm



Mode: PSTY100

100w Electronic Ballast

220v - 50/60Hz

100w-0.5A

Pf>0.98 IP-65

Lamp R7s : 100w (HPS)

Mode: PSTY70

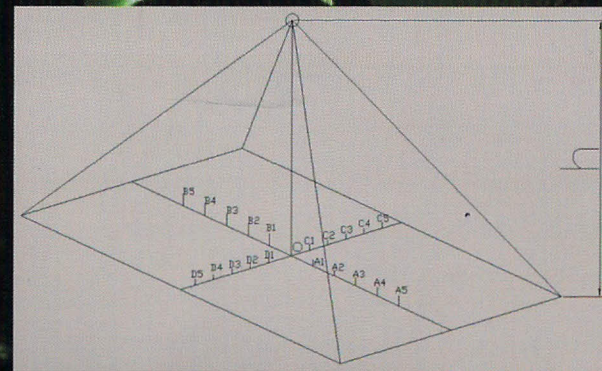
70w Electronic Ballast

220v - 50/60Hz

70w-0.36A

Pf>0.98 IP-65

Lamp R7s : 70w (HPS)

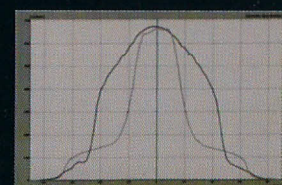
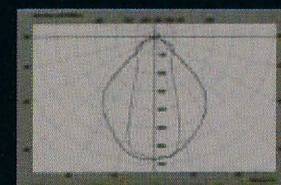
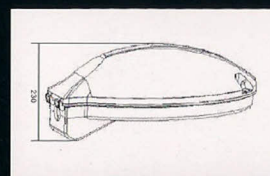
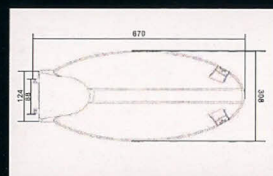
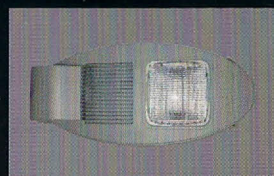


100W- Height : 8m

Distance Lux	0- 0m	1- 2m	2- 4m	3- 6m	4- 8m	5- 10m
A	75	67	48	29	12	6
B	75	67	48	29	12	6
C	75	84	44	22	16	7
D	75	71	37	18	14	6

70W- Height : 6m

Distance Lux	0- 0m	1- 2m	2- 4m	3- 6m	4- 8m	5- 10m
A	74	62	36	12	4	2
B	74	62	36	12	4	2
C	74	63	28	13	8	4
D	74	53	24	11	7	3



• **PURPOSE AND USAGE** Road light—Street light (6-8m)

PONI

Road Illumination Light Fixture

Mode: PSTY150

150w Electronic Ballast

220v-50/60Hz

150w-5Hr-0.73A

100w-5Hr-0.5A

pf > 0.98 IP-65

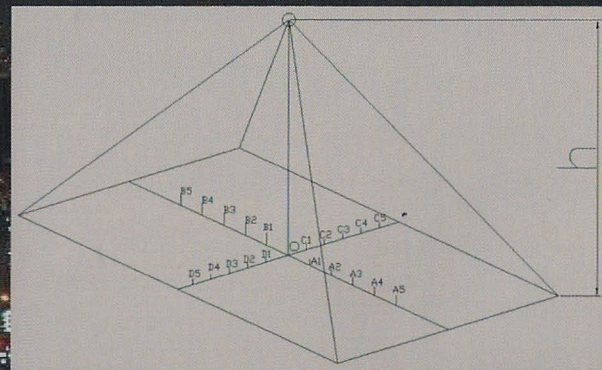
Lamp-R7S:150w(HPS)

PONI REFLECTOR

Patented super

Efficient PONI reflector

148mmx148mm

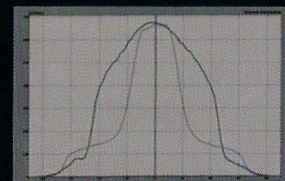
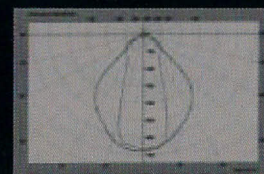
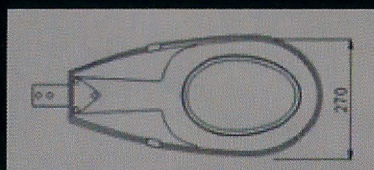
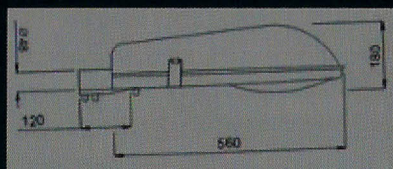
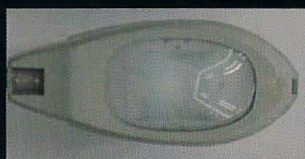


100W- Height : 8m

Distance Lux	0- 0m	1- 2m	2- 4m	3- 6m	4- 8m	5- 10m
A	75	67	48	29	12	6
B	75	67	48	29	12	6
C	75	84	44	22	16	7
D	75	71	37	18	14	6

150W- Height : 10m

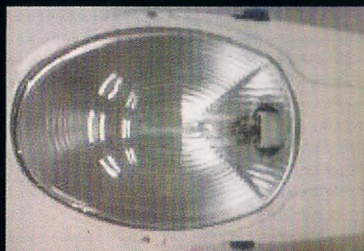
Distance Lux	0- 0m	1- 2m	2- 4m	3- 6m	4- 8m	5- 10m
A	92	90	74	54	33	17
B	92	90	74	54	33	17
C	92	71	41	23	16	11
D	92	60	35	20	14	9



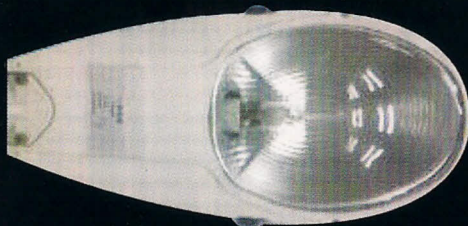
• PURPOSE AND USAGE Road light—Street light (6-8m)

PONI

Road illumination light fixture : Component Parts replacement



BEFORE > 400w



400w



150w



BEFORE > 250w



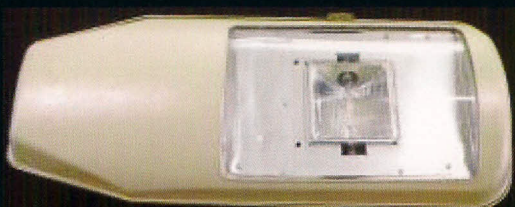
250w



100w



AFTER > 150w



150w



70w

PONI

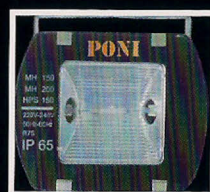
Factory Light Fixtures



PONI REFLECTOR
 Patented super
 Efficient PONI reflector
 148mmx148mm



Mode: PSP150
 220v - 50/60Hz
 150w-0.8A
 Pf>0.90 IP-65
 Lamp - R7s : 150w (MH)
 150w (HPS)



PSP150W

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400W 500w

Items	W	Height : 9m - Lux
400w(mercury)	400	67
ST-150w(MH)	150	126
Result	Energy Saving 62%	Brightness increased 88%

PONI



PONI REFLECTOR
Patented super
Efficient PONI reflector
148mmx148mm

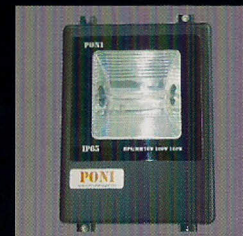
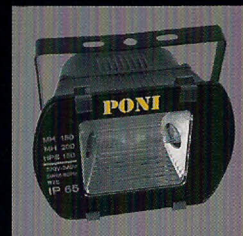
Loại đèn	Trị số tiêu hao điện	Trị số chiếu sáng (5m)	Tiêu thụ nhiên liệu của máy phát điện
Đèn tập hợp cá loại cổ điển 1000W	10 kw/10hr	410 Lux	1.5 L
Đèn tập hợp cá PONI LIGHTER 200W	2 kw/10hr	456 Lux	0.45 L
Tóm tắt	Mức tiết kiệm điện 80%	Gia tăng mức độ chiếu sáng 10%	Mức tiết kiệm nhiên liệu 70%



Đèn tập hợp cá loại cổ điển do không có phản quang tốt nên 80% ánh sáng khuếch tán bị mất qua không gian, trong khi đèn tập hợp cá hiệu **PONI-LIGHTER** sử dụng choá đèn phản chiếu quang học + nguồn sáng tốt nhất, làm gia tăng độ chiếu sáng và giảm mức tiêu thụ điện, đèn hiệu **PONI-LIGHTER** đạt tiêu chuẩn IP65 (chống thấm, chống bụi) + vỏ đèn chống nước biển và chịu nhiệt + vít bằng Inox không rỉ + kính chịu lực, giải quyết đợc vấn đề sử dụng đèn trên biển, đạt đợc độ phản chiếu cao, bảo tồn năng lượng và tuổi thọ của đèn đợc kéo dài.

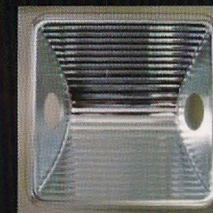
Phân tích về giá trị chất lượng của đèn tập hợp cá PONI-LIGHTER :

1. Tăng độ chiếu sáng, lượng cá đánh bắt cũng gia tăng .
2. Tiết kiệm 70% tiêu thụ nhiên liệu của máy phát điện.
3. Thiết kế chống nổ, giảm tổn thất cho bóng đèn.
4. Làm giảm được tốc độ của máy phát điện, giảm chi phí bảo trì máy và tuổi thọ máy phát điện gia tăng.



PONI

Floodlight for advertising board

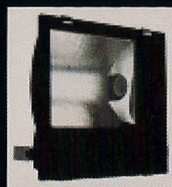


PONI REFLECTOR
Patented super
Efficient PONI reflector
148 mm x 148 mm



PSP150

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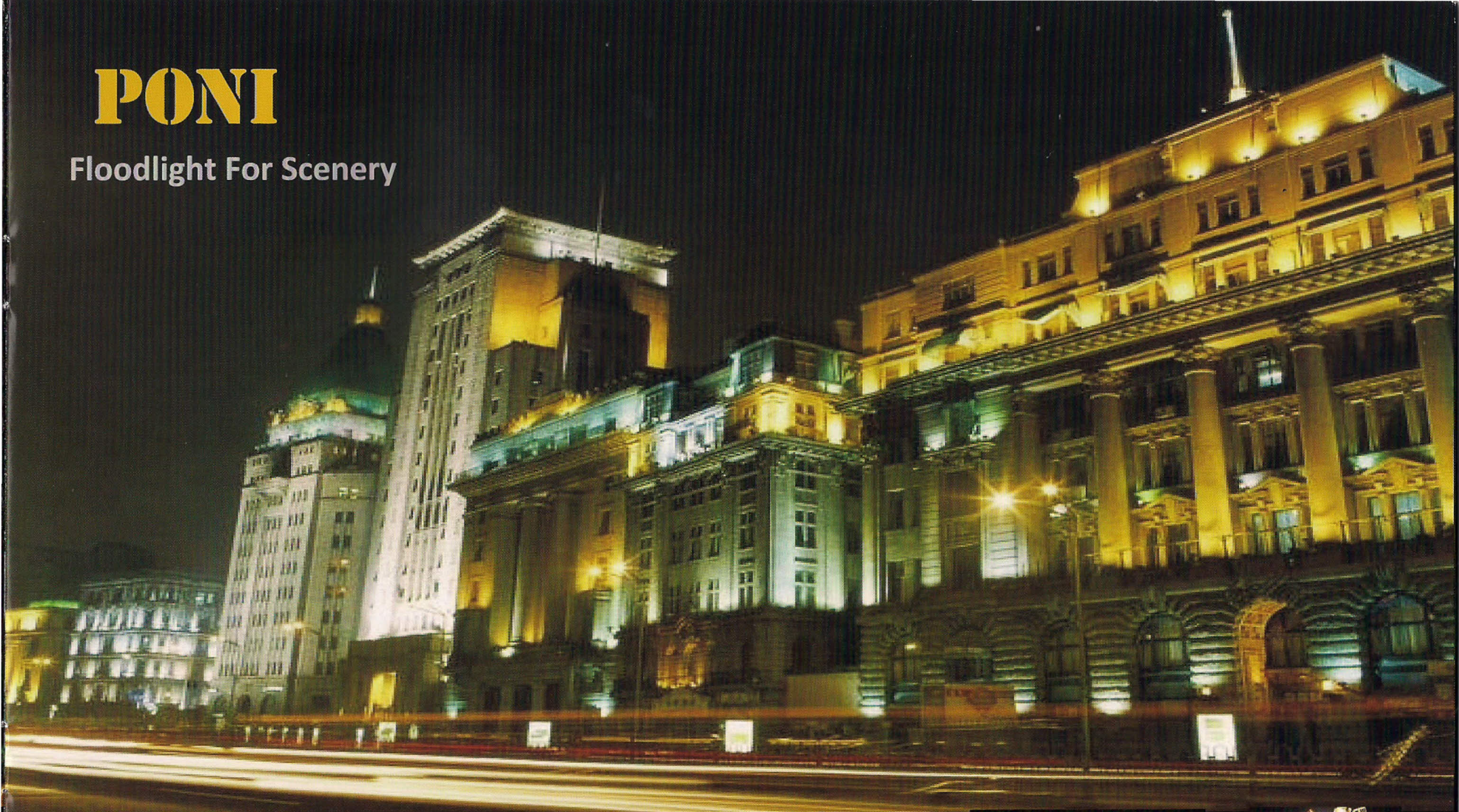
400w

**Energy
Saving > 60%**

Mode: PSP150
220v - 50/60Hz
150w-0.8A
Pf>0.90 IP-65
Lamp - R7s : 150w (MH)
Weight : 6.3Kg

PONI

Floodlight For Scenery



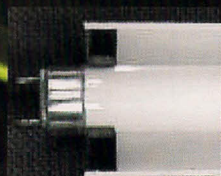
PONI SUPER LIGHTING 150W, comparison with normal spotlight 400W,
energy saving 60%, brightness increased 20%, water-proof IP65.

Apply to: Factories, advertisement, wall washing light.



PONI

- Technology by GERMANY
- Made by PONI <TAIWAN>



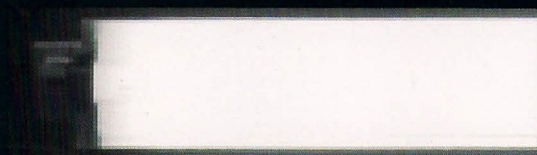
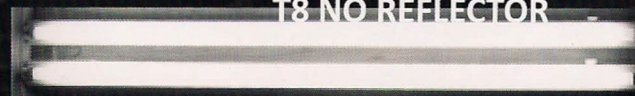
PONI NANO REFLECTOR → PNR

Light increased 260% *

T8+PNR

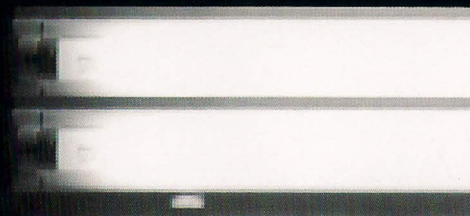


T8 NO REFLECTOR



1 Pcs T8 + PNR

=



2Pcs T8 NO REFLECTOR

Items	Height : 3m - Lux
T8	67
T8+ PNR	126
Result	Light increased 70%

PONI Energy Saving 60%+

PONI T5-28w + PNR
Energy saving retrofit lighting



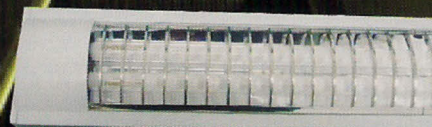
PONI T5-28W + PNR
Energy saving grille lighting



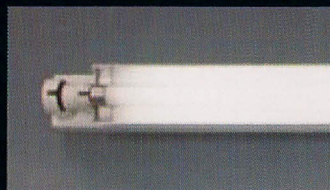
PONI T5-28W +PNR
Energy saving dustproof lighting



PONI T5-56W
Energy saving grille lighting



PONI T5-28w + PNR Energy Saving 60%



Items	W	Height : 3m - Lux
T8-40w	46	87
PONI T5-28w	28	128
Result	Energy Saving 40%	Brightness Increased 45%

PONI LED DOWNLIGHT



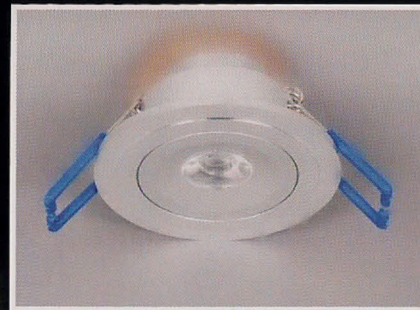
ITEM# PDLW9A-3 PDLY9A-3
 Product name: 9W LED Downlight
 Materials: Aluminum
 Power: 3*3W
 Size: Dia 90mm H76mm
 Installation Dia: Dia 72mm
 Input Voltage: AC 100-240V
 Output Current: 600-700mA
 Light Source: LED
 Color: WW/CW/Y/R/G/B
 Life Span: 30000Hours



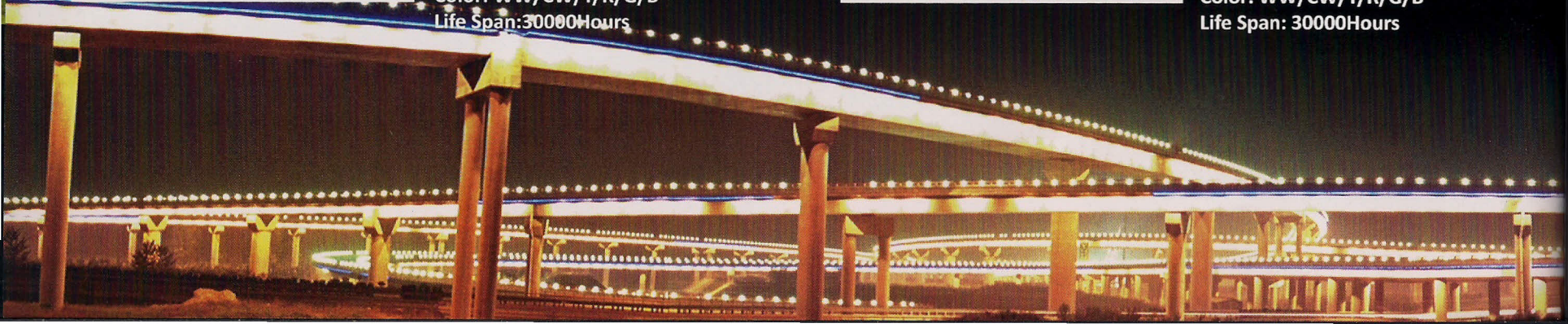
ITEM# PDLW3A-1 PDLY3A-1
 Product name: 3W LED Downlight
 Materials: Aluminum
 Power: 1*3W
 Size: Dia 78mm H50mm
 Installation Dia: 55mm
 Input Voltage: AC100-240V 50/60HZ
 Output Current: 600-700mA
 Light Source: LED
 Color: WW/CW/Y/R/G/B
 Life Span: 30000Hours



ITEM# PDLW3B-1 PDLY3B-1
 Product name: 3W LED Downlight
 Materials: Aluminum
 Power: 1*3W
 Size: Dia 78mm H50mm
 Installation Dia: 55mm
 Input Voltage: AC100-240V 50/60HZ
 Output Current: 600-700mA
 Light Source: LED
 Color: WW/CW/Y/R/G/B
 Life Span: 30000Hours

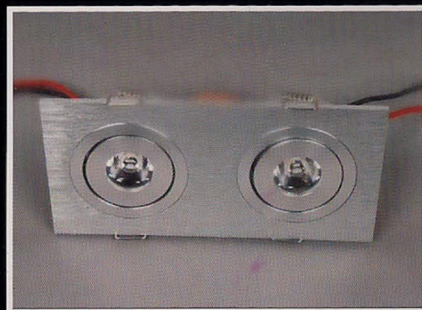


ITEM# PDLW3C-1 PDLY3C-1
 Product name: 3W LED Downlight
 Materials: Aluminum
 Power: 1*3W
 Size: Dia 70mm H30mm
 Installation Dia: 55mm
 Input Voltage: AC100-240V 50/60HZ
 Output Current: 600-700mA
 Light Source: LED
 Color: WW/CW/Y/R/G/B
 Life Span: 30000Hours



PONI

LED DOWNLIGHT



ITEM# PDLW6A-2 PDLY6A-2
Product name: 6W LED Downlight
Materials: Aluminum
Power: 2*3W
Size: Dia 24mm*60mm* H52mm
Installation Dia: 104*50mm
Input Voltage: AC100-240V 50/60HZ
Output Current: 600-700mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



ITEM# PDLW12A-12 PDLY12A-12
Product name: 12W LED Downlight
Materials: Aluminum
Power: 12*1W
Size: Dia133mm*70mm
Installation Dia: 118mm
Input Voltage: AC100-240V 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



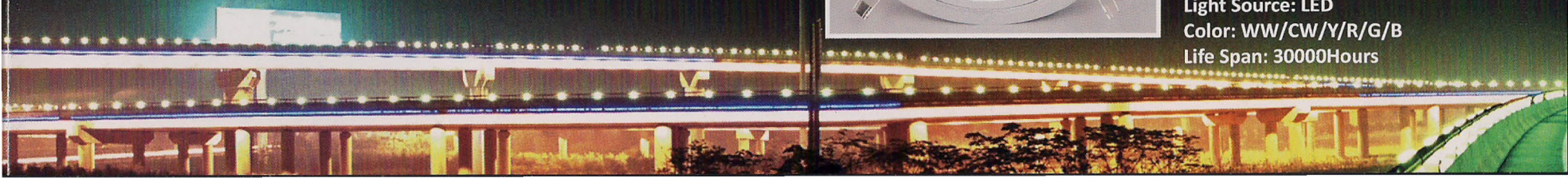
ITEM# PDLW7A-7 PDLY7A-7
Product name: 7W LED Downlight
Materials: Aluminum
Power: 7*1W
Size: Dia106mm H60mm
Installation Dia: Dia 90mm
Input Voltage: AC100-240V 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



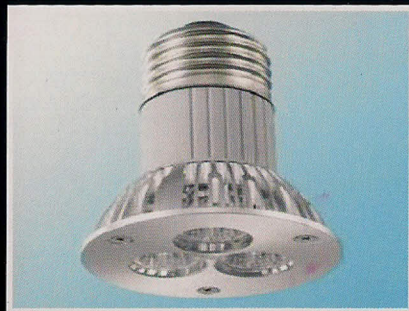
ITEM# PDLW15A-15 PDLY15A-15
Product name: 15W LED Downlight
Materials: Aluminum
Power: 15*1W
Size: Dia140mm*70mm
Installation Dia: 122mm
Input Voltage: AC100-240V 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



ITEM# PDLW18A-18 PDLY18A-18
Product name: 18W LED Downlight
Materials: Aluminum
Power: 18*1W
Size: Dia168mm*70mm
Installation Dia: 142mm
Input Voltage: AC100-240V 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



PONI LED SPOTLIGHT



ITEM# PSPW3A-3 PSPY3A-3
Product name: 3*1W Spotlight
Materials: Aluminum
Power: 3*1W
Base: GU10/E27/E17/MR16
Size: Dia 50mm
Input Voltage: 12-24VAC/DC;
85-265VAC 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



ITEM# PSPW3B-3 PSPY3B-3
Product name: 3*1W Spotlight
Materials: Aluminum
Power: 3*1W
Base: GU10/E27/MR16
Size: Dia 50mm
Input Voltage: 12-24VAC/DC;
85-265VAC 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



ITEM# PSPY3A-1 PSPW3A-1
Product name: 1*3W Spotlight
Materials: Aluminum
Power: 1*3W Spotlight
Base: GU10/E27/MR16
Size: Dia 50mm
Input Voltage: 12-24VAC/DC;85-265VAC 50/60HZ
Output Current: 600-700mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



ITEM# PSPW4A-4 PSPY4A-4
Product name: 4*1W Spotlight
Materials: Aluminum
Power: 4*1W Spotlight
Base: E27
Size: Dia 77mm
Input Voltage: 85-265VAC 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours

PONI

LED SPOTLIGHT



ITEM# PSPW6A-6 PSPY6A-6
Product name: 6*1W Spotlight
Materials: Aluminum
Power: 6*1W Spotlight
Base: E27
Size: Dia 93mm
Input Voltage: 85-265VAC 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



ITEM# PSPW9A-9 PSPY9A-9
Product name: 9*1W Spotlight
Materials: Aluminum
Power: 9*1W Spotlight
Base: E27
Size: Dia 93mm
Input Voltage: 85-265VAC 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



ITEM# PSPW12A-12 PSPY12A-12
Product name: 12*1W Spotlight
Materials: Aluminum
Power: 12*1W Spotlight
Base: E27
Size: Dia 122mm
Input Voltage: 85-265VAC 50/60HZ
Output Current: 300-340mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours



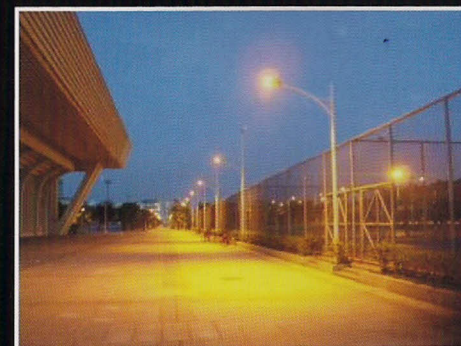
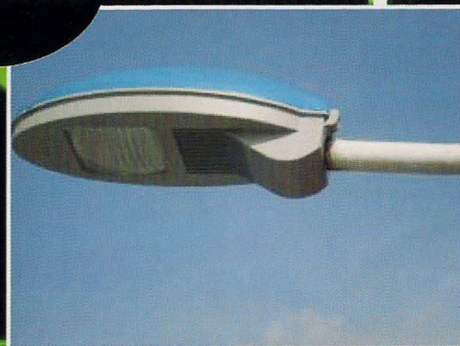
ITEM# PPSY24A-12 PSPW24A-12
Product name: 12*2W Spotlight
Materials: Aluminum
Power: 12*2W Spotlight
Base: E27
Size: Dia 122mm
Input Voltage: 85-265VAC 50/60HZ
Output Current: 400-450mA
Light Source: LED
Color: WW/CW/Y/R/G/B
Life Span: 30000Hours

PONI Energy Saving Streetlight Installed Pictures

PONI streetlight installed in
Guangzhou university city



DAYTIME



IN THE EVENING

PONI

Energy Saving Spotlight Installed Pictures



PONI

Energy Saving Spotlight Installed Pictures





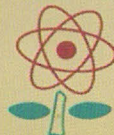
会员单位



会员证书

中国照协证字第D-457号

民营科技企业



东莞市科学技术局 东莞市知识产权局



No. CQC500124

NAME AND ADDRESS OF THE APPLICANT
Dongguan City Port Energy Saving Co., Ltd.
18-2/F, F Building, Faguan Industry Zone, Dongling Town, Dongguan City, Guangdong Province
China

NAME AND ADDRESS OF THE MANUFACTURER
Dongguan City Puli Energy Saving Co., Ltd.
1F-2F, F Building, Puzhou Industry Zone, Dapeng Town, Dongguan City, Guangdong Province

NAME AND ADDRESS OF THE FACTORY
Dangguan City Park Energy Sowing Co., Ltd.(V011808)
10, 3/F, 1 Building, Dangguan Industrial Zone, Dangguan Town, Dangguan City, Guangdong Province

NAME, MODEL AND SPECIFICATION
Luminaires For Road Lighting (On A Mast/Column) Arm, High-pressure Sodium Lamp,

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

CERTIFICATION MODEL
Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

Validity of this certificate is subject to positive result of the regular follow up inspection by

President: Wang Kaijun

CHINA QUALITY CERTIFICATION CENTRE
Section 1, No.188 Nanshiwan Xilu, Beijing 100170 P.R.China
http://www.cqc.com.cn

c 0010451



7. 顯承班班 19

申请人名称及地址
东莞市宝利节能有限公司

制造厂名称及地址
 东莞市宝利节能有限公司
 广东省东莞市东城街道牛湾村宝利街一零二号

生产企业名称及地址
东莞市宝利节能设备有限公司 (V011850)
广东省东莞市凤城镇平涌工业路59号二楼二栋

产品名称和系列、规格、型号
(悬臂式、高压钠灯、电感镇流器、
RZ7g)

产品标准和技术要求
GB7009.1-2005, GB7009.2-2007

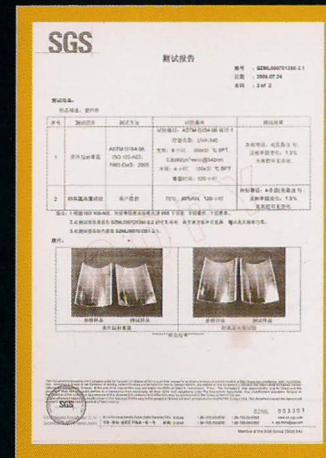
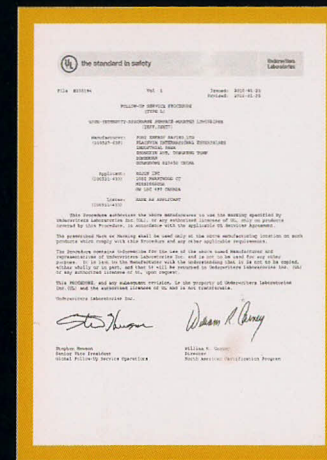
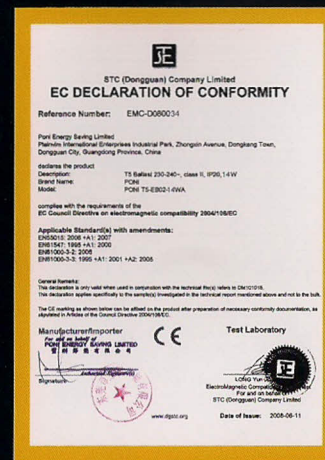
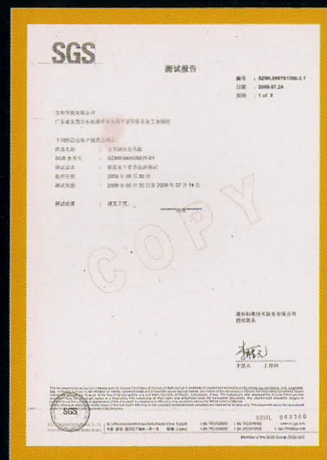
认证模式
* 型式试验+初次工厂检查+获证后监督
符合CQC11-445313-2009认证规则的要求。

本证书的有效期依据发证机构的定期

主任: 刘明

中国质量认证中心
中国·北京·建国门内大街1号 电话: 84997000

C 0010452



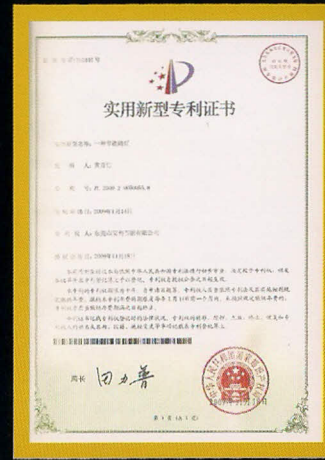
PONI Utility model patent :



Energy saving HPS lamp



Energy saving lamp tray



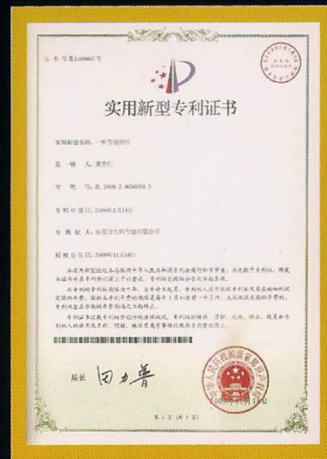
Energy saving streetlight



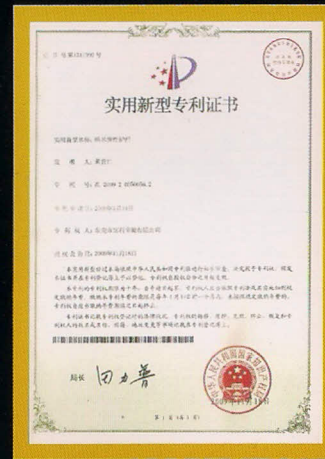
Energy saving Reflector



Energy saving electronic ballast



Energy saving spotlight



Nano Spring guard bar

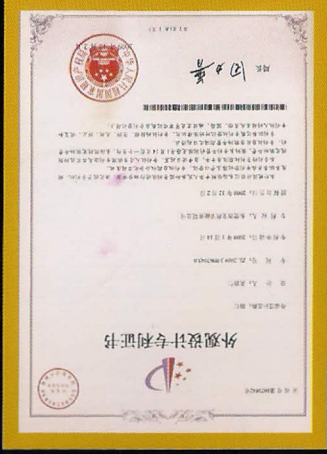


Light Transmitting Mirror

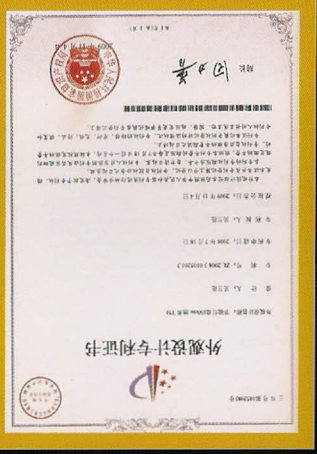
PONI

Design Patent:

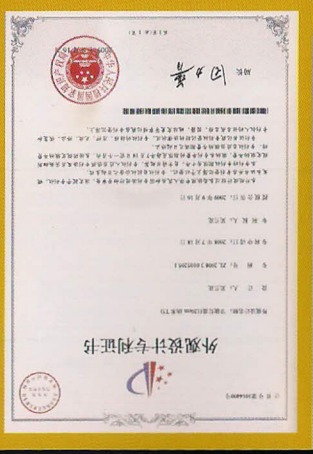
Energy saving Streetlight



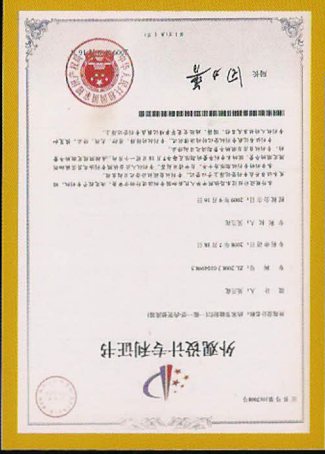
Nano Energy saving lamp tray (60CM T5)



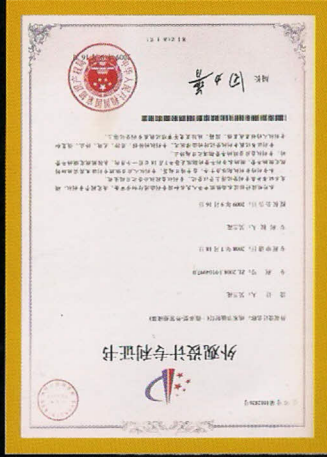
Nano Energy saving lamp tray (120CM T5)



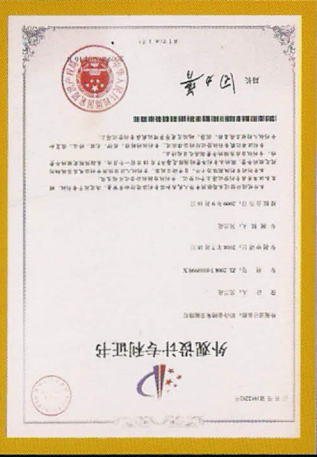
Nano Energy saving spotlight



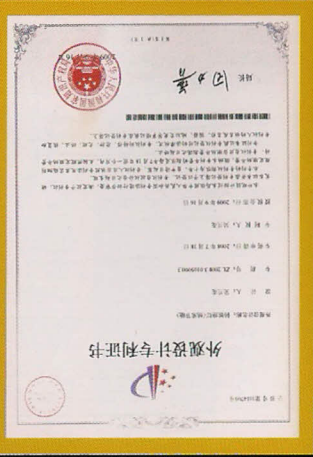
Nano Energy saving spotlight



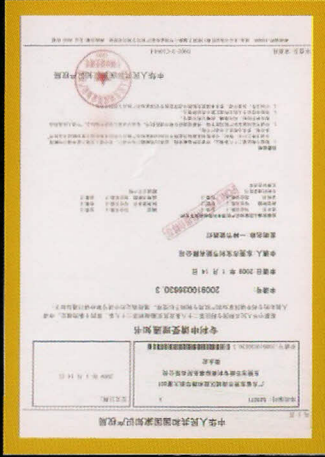
Energy saving streetlight



Energy saving streetlight



Energy saving streetlight



Invention patent:



Quality Inspection Bureau Test Report

Energy Saving Streetlight

广东省东阳市质量监督检测所
Guangdong Dongyang Supervision Testing
Institute of Quality and Monitoring
检测报告 (TEST REPORT)

第 10 页, 共 10 页

序号	检测项目	检测结果	备注
1	外观检查	合格	
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3	重量检查	合格	
4	材料检查	合格	
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7	能效检查	合格	
8	寿命检查	合格	
9	其他检查	合格	
10	综合检查	合格	

检测员: [Signature] 审核员: [Signature] 日期: 2018.10.10

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Energy Saving Spotlight

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