




FT



POWO 100

TECHNICAL DATA



| | | | | | | | | |
|---|-------------|------|------|----------|-------------|----------------|----------|-------------------------|
|  | 100-240 Vac | IP66 | IK08 | 130 lm/W | CRI >70/>80 | NICHIA SMD LED | PF >0.93 | DALI Optional |
|---|-------------|------|------|----------|-------------|----------------|----------|-------------------------|

High performance multiple usage luminaire for billboard lighting, area floodlighting, sport field applications, asymmetric beam option reducing spillage of light, aluminium alloy housing, toughened safety glass, powder coated, high performance, unique lighting pattern, mounting sleeve is provided for both round and square poles, rotatable bracket marked with angle makes tilting easily and accurately adjusted, integrated driver.

DRIVER
CC, 3.5A, 22-61Vdc

Lighting Control

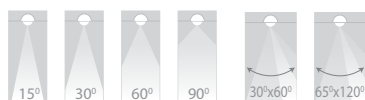
Standard 1-10V DALI

CRI

Standard

CRI >70 CRI >80 CRI >90

BEAM ANGLE



FINISH

White (WH) Black (BK)



TECHNICAL DATA

| | | |
|--------------------|---|--|
| LED | : | NICHIA NF2W757GRT |
| System Power | : | 100 W |
| MacAdam Step | : | SDCM <4 |
| Luminaire Efficacy | : | 130 lm/W (@5000K) |
| Lifetime | : | L ₇₀ B ₅₀ 50,000Hrs, Ta@35°C |
| UGR | : | - |

GENERAL

| | | |
|-----------------|---|--------------------------------|
| Mounting | : | Bracket, Pole mounted, Outdoor |
| Housing | : | Aluminium alloy |
| Heat Sink | : | Aluminium alloy |
| Lens | : | PC |
| Adjustability | : | Yes |
| Driver Mounting | : | Integrated |
| Emergency kit | : | Not available |

| | | |
|----------------------|---|-----------------------------|
| IP Rating | : | IP66 |
| IK Rating | : | IK08 |
| Protection Class IEC | : | I |
| Energy Class | : | A++ |
| Working Temp. | : | -20° to 55°C |
| Glow-wire test | : | 750° |
| Weight | : | 7.10 Kg |
| Warranty | : | 3 yrs (extendable to 5 yrs) |

3000K 4000K 5000K

FT »

POWO 100

TECHNICAL DATA



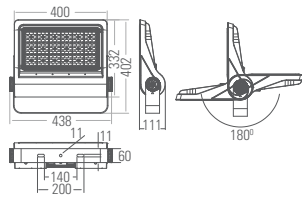
POWO 100



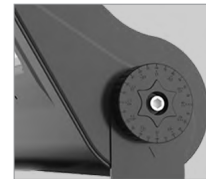
| COLOR TEMP. | POWER | LUMENS | CODE |
|-------------|-------|----------|--------------|
| 3000 K | 100 W | 12500 lm | EXT13010-30K |
| 4000 K | | 13000 lm | EXT13010-40K |
| 5000 K | | 13500 lm | EXT13010-50K |

3000K 4000K 5000K

DIMENSION



Better heat dissipation

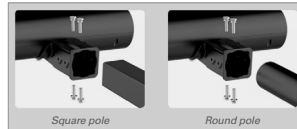


Adjustable knob

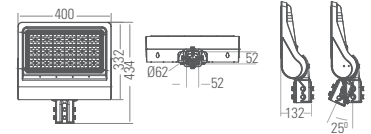
MOUNTING



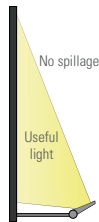
SLIP FITTER (Optional)



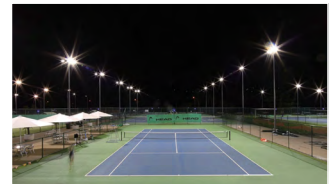
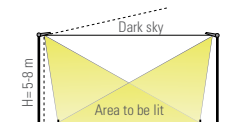
Mounting sleeve compatible for both square & round pole.



APPLICATIONS



Billboard Lighting



Flood Lighting

NOTES

ISO DOC. NO.: SM-OPN-QSF08

CE RoHS

| | | |
|--------------|----------------|--|
| <div></div> | PROJECT | |
| | LUMINAIRE REF. | |
| | QUANTITY | |
| | DATE | |
| Contact Name | | |
| Mobile | | |
| Email | | |

www.switch-made.com

Updated on April 20, 2022

All technical specifications and datas are subject to modification at any time and without notice.
The rated values (@ta25°C) of luminous flux and electrical load are subject to initial tolerance of +/- 10%. Tolerance of CCT are subject to +/- 150K.