

ALED StadiumX



Produkt information

StadiumX 1200W leverer professionel og højtydende belysning til forboldbaner og andre sportsanlæg.

Det avancerede optiske system tilbyder både symmetriske og asymmetriske lysfordelinger, hvilket sikrer perfekt lysfordeling minimalt blændingsniveau og begrænset lysforurening – i fuld overensstemmelse med internationale standarder.

Lampen er trykstøbt aluminium, hvilket sikrer lang levetid og fremragende korrosionsbestandighed.

Lampen leveres med kabler med stik, der sikrer hurtig og nem installation.

StadiumX – udviklet til maksimal driftssikkerhed, ydeevne og energibesparelse på enhver bane.



- * Avanceret optisk lyskontrol
- * Udskiftbar LED og driver
- * C5 korrosionsbeskyttelse
- * L90 lifetime 102.000K hours (Ta 25°C)
- * Lav vægt
- * Minimal vedligehold
- * Nem og hurtig montage
- * DALI part 251,252,253



Når vi skal lave sportsbelysning er det afgørende at reducere lysforurening.

Traditionelle systemer skaber ofte uønsket lysforurening som følge af forkerte lamper og eller forkerte optikker. Den nye StadiumX minimerer effektivt dette problem gennem et avanceret optisk design og patenterede asymmetriske linser, der præcist leder lyset ned på spillefladen og markant reducerer både lysforurening og candela gener.

Product data

General Information

Light source type	LED
Number of LED module	2 pcs
Beam angle of LED module	9°13°18°30°55°A60N A60MA45
Color temperature	5000K neutral white
CRI	70
LED module replaceable	Yes
Number of LED driver	1 unit
Driver included	Yes
Driver replaceable	Yes
L90 lifetime of LED module	102,000 hrs
L80 lifetime of LED module	N/A
LED module lumen	177600 lm

Operating and Electrical

Input Voltage	180-528 Vac
Input frequency	50 to 60 Hz
System wattage	1200 W
Inrush current	6.86 A
Inrush time	5.4ms
Power factor	0.98
Leakage current	0.70mA
Max. units per circuit B16 breaker	1 (@220vac) 1+1+1(@400vac)
Max. units per circuit C16 breaker	1 (@220vac) 2+2+2(@400vac)
Surge protection	20KV L-N
Ambient temperature range	-20°C to +40°C
Performance ambient temperature Tq	+25°C

Optical type	Lens
Control and dimming	DALI, DMX
Connection type	3 pole connector
Protection class IEC	Safety class I
Glow-wire test	650°C, 30 s
GR	< 50
PstLM	< 1
SVM	< 1.0
CE Mark	Yes
EU RoHS compliant	Yes
Net weight (piece)	18 Kg

Dimension

Overall length	748 mm - EPA 0° - 0.173m ²
Overall width	745 mm - EPA 10° - 0.205m ²
Overall height	305 mm - EPA 20° - 0.224m ²

Mechanical and Housing

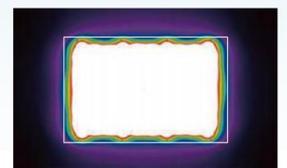
Housing material	Aluminium
Optical material	Polymethyl methacrylate
Housing color	RAL7016
Heatsink material	Aluminium
Ingress protection code	IP 66
Mech. impact protection code	IK 09

Remarks

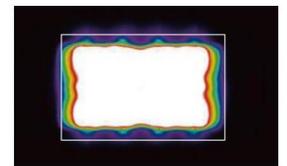
LED driver failure rate at 50,000hrs	5 %
Power consumption tolerance	± 7 %



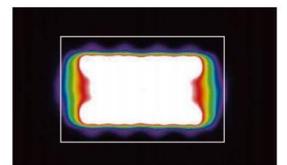
Results		
Output: Results		
Measuring surfaces	Luminous intensity	
No.	Designation	I [cd]
1	30-LF1200W-A60	1.58
2	30-LF1200W-A60	1.56
3	30-LF1200W-A60	1.53
4	30-LF1200W-A60	1.41
5	30-LF1200W-A60	1.24
6	30-LF1200W-A60	0.46
7	30-LF1200W-A60	0.36
8	30-LF1200W-A60	0.28
9	30-LF1200W-A60	0.13
10	30-LF1200W-A60	0.12
11	30-LF1200W-A60	0.09
12	30-LF1200W-A60	0.07
13	30-LF1200W-A60	0.07
14	30-LF1200W-A60	0.03



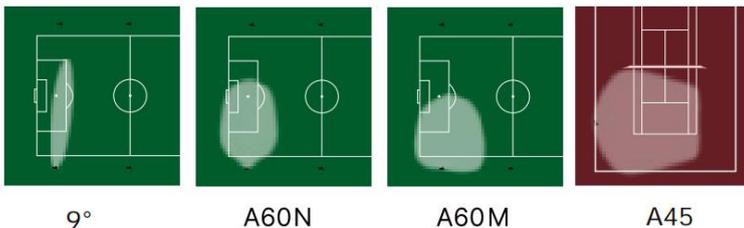
Symmetric lens



Asymmetric lens



Strategic light pollution control technology



9°

A60N

A60M

A45

