Areaflood Pro

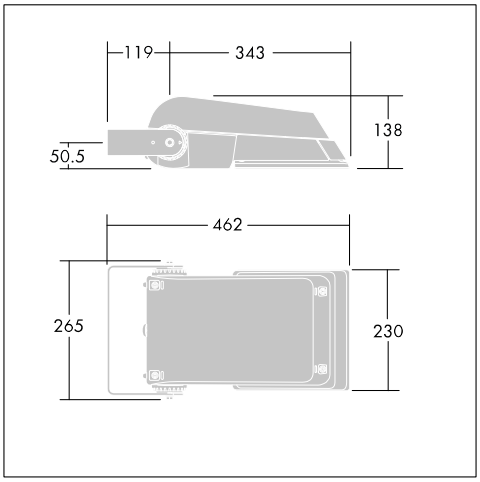
General purpose area floodlight with superior optical performance and control

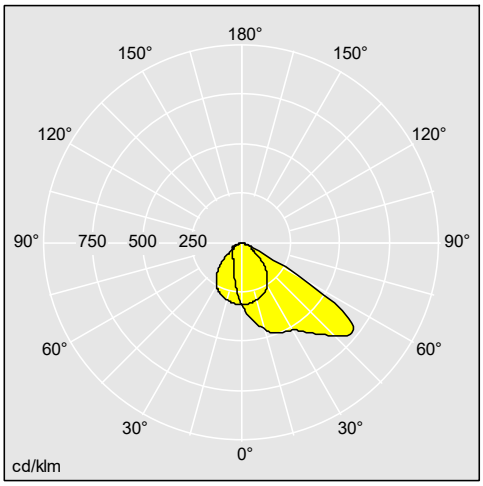


- Best optical performance and efficiency
- Optimal control of light (0cd at 90°, minimal spill light) for the comfort of inhabitants
- Compactness and reduced weight to avoid additional structural costs in retrofit installations
- No maintenance floodlight thanks to 100k hrs rated lifetime on both drivers and LEDs
- Medium and large versions are compliant with DIN 18032-3:1997-04 (Sports halls - halls for gymnastics, games and multi-purpose use - Part 3: Testing of safety against ball throwing)

Photographs, line drawings and photometric data are representative only. For specific product detail please select an individual product.







96645021

Material/Finish

Body and stirrup: die-cast aluminium (EN AC-44300) light grey 150 sanded textured (close to RAL9006). Standard corrosion class C5 according to ISO 9223:2012.
Glass: 4mm toughened
Screws: stainless steel

Installation/Mounting

For small version, stirrup fixed by a single bolt through one Ø22mm hole or two Ø12mm holes. For medium and large versions, it is fixed by a single bolt through one Ø22mm hole or two Ø15mm holes or two Ø12mm holes. Stirrup is reversible for hang down position. Integral gear tray, access by removal of canopy via 4 allen screws. Cable gland for Ø8-12mm cable. Optional spigot adaptors available separately for post top mounting.
Typical installation position is horizontal, although limited tilt may be useful to optimise lighting distributions. Uplighting position allowed. A special surface treatment is required for swimming pool installation.

Specification

To specify state:
Asymmetrical LED floodlight for general purpose area lighting and sports lighting. 3 sizes available, lumen package from 5 to 37klm, with a range of 5 light distributions. High performance floodlight with excellent control of light (0cd at 90°), high mechanical resistance (IP66, IK08) and full controls compatibilty (dimming, lighting controls). Available in electrical class I and class II.
As Thorn Areaflood Pro.

IP66, BWS, IK08, SC1, SC2, CE, RCM

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Areaflood Pro

Ordering Guide

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
Areaflood Pro Small, Asymmetric optic 40°, bi-power				
AFP S 24L35-740 A4 BS 3550 CL1 GY	LED		6,2	96644710
AFP S 24L35-740 A4 BS 3550 CL2 GY	LED		6,2	96644711
AFP S 24L50-740 A4 BS 3550 CL1 GY	LED		6,2	96644730
AFP S 24L50-740 A4 BS 3550 CL2 GY	LED		6,2	96644731
AFP S 24L70-740 A4 BS 3550 CL1 GY	LED		6,2	96644750
AFP S 24L70-740 A4 BS 3550 CL2 GY	LED		6,2	96644751
AFP S 36L35-740 A4 BS 3550 CL1 GY	LED		6,3	96644770
AFP S 36L35-740 A4 BS 3550 CL2 GY	LED		6,3	96644771
AFP S 36L50-740 A4 BS 3550 CL1 GY	LED		6,3	96644790
AFP S 36L50-740 A4 BS 3550 CL2 GY	LED		6,3	96644791
AFP S 36L70-740 A4 BS 3550 CL1 GY	LED		6,3	96644820
AFP S 36L70-740 A4 BS 3550 CL2 GY	LED		6,3	96644821
Areaflood Pro Small, Asymmetric optic 40°, DALI dimmable				
AFP S 24L50-740 A4 HFX CL2 GY	LED		6,2	96644740
AFP S 24L50-740 A4 HFX CL1 GY	LED		6,2	96644745
AFP S 24L70-740 A4 HFX CL2 GY	LED		6,2	96644760
AFP S 24L70-740 A4 HFX CL1 GY	LED		6,2	96644765
AFP S 36L35-740 A4 HFX CL2 GY	LED		6,3	96644780
AFP S 36L35-740 A4 HFX CL1 GY	LED		6,3	96644785
AFP S 36L50-740 A4 HFX CL2 GY	LED		6,3	96644810
AFP S 36L50-740 A4 HFX CL1 GY	LED		6,3	96644815
AFP S 36L70-740 A4 HFX CL2 GY	LED		6,3	96644848
AFP S 36L70-740 A4 HFX CL1 GY	LED		6,3	96644853
Areaflood Pro Small, Asymmetric optic 40°, configured products				
AFP S 36L50-740 A4 CLO BS 3550 CL1 GY	LED		6,219	96644800
AFP S 36L50-740 A4 CLO BS 3550 CL2 GY	LED		6,235	96644801
AFP S 36L70-740 A4 BS 3550 PM CL1 GY	LED		6,37	96644835
AFP S 36L70-740 A4 LRT CL2 GY	LED		6,285	96644866
Areaflood Pro Small, Asymmetric optic 50°, bi-power				
AFP S 24L50-740 A5 BS 3550 CL1 GY	LED		6,183	96644732
AFP S 24L50-740 A5 BS 3550 CL2 GY	LED		6,199	96644733
AFP S 24L70-740 A5 BS 3550 CL1 GY	LED		6,183	96644752
AFP S 24L70-740 A5 BS 3550 CL2 GY	LED		6,199	96644753
AFP S 36L35-740 A5 BS 3550 CL1 GY	LED		6,219	96644772
AFP S 36L35-740 A5 BS 3550 CL2 GY	LED		6,235	96644773
AFP S 36L50-740 A5 BS 3550 CL1 GY	LED		6,219	96644792
AFP S 36L50-740 A5 BS 3550 CL2 GY	LED		6,235	96644793
AFP S 36L70-740 A5 BS 3550 CL1 GY	LED		6,271	96644822
AFP S 36L70-740 A5 BS 3550 CL2 GY	LED		6,287	96644823
Areaflood Pro Small, Asymmetric optic 50°, DALI dimmable				

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Description	ILCOS Code	Socket	Wt (kg)	SAP Code
AFP S 24L50-740 A5 HFX CL2 GY	LED		6,197	96644741
AFP S 24L50-740 A5 HFX CL1 GY	LED		6,163	96644746
AFP S 24L70-740 A5 HFX CL2 GY	LED		6,197	96644761
AFP S 24L70-740 A5 HFX CL1 GY	LED		6,163	96644766
AFP S 36L35-740 A5 HFX CL2 GY	LED		6,233	96644781
AFP S 36L35-740 A5 HFX CL1 GY	LED		6,199	96644786
AFP S 36L50-740 A5 HFX CL2 GY	LED		6,233	96644811
AFP S 36L50-740 A5 HFX CL1 GY	LED		6,199	96644816
AFP S 36L70-740 A5 HFX CL2 GY	LED		6,285	96644849
AFP S 36L70-740 A5 HFX CL1 GY	LED		6,251	96644854
Areaflood Pro Small, Asymmetric optic 50°, configured products				
AFP S 36L50-740 A5 CLO BS 3550 CL1 GY	LED		6,219	96644802
AFP S 36L50-740 A5 CLO BS 3550 CL2 GY	LED		6,235	96644803
AFP S 36L70-740 A5 BS 3550 PM CL1 GY	LED		6,37	96644836
AFP S 36L70-740 A5 LRT CL2 GY	LED		6,285	96644867
Areaflood Pro Small, Asymmetric optic 60°, bi-power				
AFP S 24L50-740 A6 BS 3550 CL1 GY	LED		6,183	96644734
AFP S 24L50-740 A6 BS 3550 CL2 GY	LED		6,199	96644735
AFP S 24L70-740 A6 BS 3550 CL1 GY	LED		6,183	96644754
AFP S 24L70-740 A6 BS 3550 CL2 GY	LED		6,199	96644755
AFP S 36L35-740 A6 BS 3550 CL1 GY	LED		6,219	96644774
AFP S 36L35-740 A6 BS 3550 CL2 GY	LED		6,235	96644775
AFP S 36L50-740 A6 BS 3550 CL1 GY	LED		6,219	96644794
AFP S 36L50-740 A6 BS 3550 CL2 GY	LED		6,235	96644795
AFP S 36L70-740 A6 BS 3550 CL1 GY	LED		6,271	96644824
AFP S 36L70-740 A6 BS 3550 CL2 GY	LED		6,287	96644825
Areaflood Pro Small, Asymmetric optic 60°, DALI dimmable				
AFP S 24L50-740 A6 HFX CL2 GY	LED		6,197	96644742
AFP S 24L50-740 A6 HFX CL1 GY	LED		6,163	96644747
AFP S 24L70-740 A6 HFX CL2 GY	LED		6,197	96644762
AFP S 24L70-740 A6 HFX CL1 GY	LED		6,163	96644767
AFP S 36L35-740 A6 HFX CL2 GY	LED		6,233	96644782
AFP S 36L35-740 A6 HFX CL1 GY	LED		6,199	96644787
AFP S 36L50-740 A6 HFX CL2 GY	LED		6,233	96644812
AFP S 36L50-740 A6 HFX CL1 GY	LED		6,199	96644817
AFP S 36L70-740 A6 HFX CL2 GY	LED		6,285	96644850
AFP S 36L70-740 A6 HFX CL1 GY	LED		6,251	96644855
Areaflood Pro Small, Asymmetric optic 60°, configured products				
AFP S 36L50-740 A6 CLO BS 3550 CL1 GY	LED		6,219	96644804
AFP S 36L50-740 A6 CLO BS 3550 CL2 GY	LED		6,235	96644805
AFP S 36L70-740 A6 BS 3550 PM CL1 GY	LED		6,37	96644837
AFP S 36L70-740 A6 LRT CL2 GY	LED		6,285	96644868

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Description	ILCOS Code	Socket	Wt (kg)	SAP Code
Areaflood Pro Small, Extra wide road optic, bi-power				
AFP S 24L50-740 EWR BS 3550 CL1 GY	LED		6,183	96644736
AFP S 24L50-740 EWR BS 3550 CL2 GY	LED		6,199	96644737
AFP S 24L70-740 EWR BS 3550 CL1 GY	LED		6,183	96644756
AFP S 24L70-740 EWR BS 3550 CL2 GY	LED		6,199	96644757
AFP S 36L35-740 EWR BS 3550 CL1 GY	LED		6,219	96644776
AFP S 36L35-740 EWR BS 3550 CL2 GY	LED		6,235	96644777
AFP S 36L50-740 EWR BS 3550 CL1 GY	LED		6,219	96644796
AFP S 36L50-740 EWR BS 3550 CL2 GY	LED		6,235	96644797
AFP S 36L70-740 EWR BS 3550 CL1 GY	LED		6,271	96644826
AFP S 36L70-740 EWR BS 3550 CL2 GY	LED		6,287	96644827
Areaflood Pro Small, Extra wide road optic, DALI dimmable				
AFP S 24L50-740 EWR HFX CL2 GY	LED		6,197	96644743
AFP S 24L50-740 EWR HFX CL1 GY	LED		6,163	96644748
AFP S 24L70-740 EWR HFX CL2 GY	LED		6,197	96644763
AFP S 24L70-740 EWR HFX CL1 GY	LED		6,163	96644768
AFP S 36L35-740 EWR HFX CL2 GY	LED		6,233	96644783
AFP S 36L35-740 EWR HFX CL1 GY	LED		6,199	96644788
AFP S 36L50-740 EWR HFX CL2 GY	LED		6,233	96644813
AFP S 36L50-740 EWR HFX CL1 GY	LED		6,199	96644818
AFP S 36L70-740 EWR HFX CL2 GY	LED		6,285	96644851
AFP S 36L70-740 EWR HFX CL1 GY	LED		6,251	96644856
AFP S 24L70-730 EWR HFX CL2 GY	LED		6,2	92906990
AFP S 36L70-730 EWR HFX CL2 GY	LED		6,3	92908471
AFP S 24L50-730 EWR HFX CL2 GY	LED		6,2	92911380
AFP S 36L35-730 EWR HFX CL2 GY	LED		6,3	92911381
AFP S 36L50-730 EWR HFX CL2 GY	LED		6,3	92911382
Areaflood Pro Small, Extra wide road optic, configured products				
AFP S 36L50-740 EWR CLO BS 3550 CL1 GY	LED		6,219	96644806
AFP S 36L50-740 EWR CLO BS 3550 CL2 GY	LED		6,235	96644807
AFP S 36L70-740 EWR BS 3550 PM CL1 GY	LED		6,37	96644838
AFP S 36L70-740 EWR BS 3550 SP CL1 GY	LED		6,369	96644845
AFP S 36L70-740 EWR HFX CL1 SP GY	LED		6,336	96644864
AFP S 36L70-740 EWR LRT CL2 GY	LED		6,285	96644869
<AFP S 36L70-740 EWR CL2 PL GY	LED		6,361	96644872
Areaflood Pro Small, Wide road optic, bi-power				
AFP S 24L50-740 WR BS 3550 CL1 GY	LED		6,183	96644738
AFP S 24L50-740 WR BS 3550 CL2 GY	LED		6,199	96644739
AFP S 24L70-740 WR BS 3550 CL1 GY	LED		6,183	96644758
AFP S 24L70-740 WR BS 3550 CL2 GY	LED		6,199	96644759
AFP S 36L35-740 WR BS 3550 CL1 GY	LED		6,219	96644778
AFP S 36L35-740 WR BS 3550 CL2 GY	LED		6,235	96644779
AFP S 36L50-740 WR BS 3550 CL1 GY	LED		6,219	96644798
AFP S 36L50-740 WR BS 3550 CL2 GY	LED		6,235	96644799

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Description	ILCOS Code	Socket	Wt (kg)	SAP Code
AFP S 36L70-740 WR BS 3550 CL1 GY	LED		6,271	96644828
AFP S 36L70-740 WR BS 3550 CL2 GY	LED		6,287	96644829
Areaflood Pro Small, Wide road optic, DALI dimmable				
AFP S 24L50-740 WR HFX CL2 GY	LED		6,197	96644744
AFP S 24L50-740 WR HFX CL1 GY	LED		6,163	96644749
AFP S 24L70-740 WR HFX CL2 GY	LED		6,197	96644764
AFP S 24L70-740 WR HFX CL1 GY	LED		6,163	96644769
AFP S 36L35-740 WR HFX CL2 GY	LED		6,233	96644784
AFP S 36L35-740 WR HFX CL1 GY	LED		6,199	96644789
AFP S 36L50-740 WR HFX CL2 GY	LED		6,233	96644814
AFP S 36L50-740 WR HFX CL1 GY	LED		6,199	96644819
AFP S 36L70-740 WR HFX CL2 GY	LED		6,285	96644852
AFP S 36L70-740 WR HFX CL1 GY	LED		6,251	96644857
AFP S 24L50-730 WR HFX CL2 GY	LED		6,2	92911384
AFP S 24L70-730 WR HFX CL2 GY	LED		6,2	92911385
AFP S 36L35-730 WR HFX CL2 GY	LED		6,3	92911386
AFP S 36L50-730 WR HFX CL2 GY	LED		6,3	92911387
AFP S 36L70-730 WR HFX CL2 GY	LED		6,3	92911388
Areaflood Pro Small, Wide road optic, configured products				
AFP S 36L50-740 WR CLO BS 3550 CL1 GY	LED		6,219	96644808
AFP S 36L50-740 WR CLO BS 3550 CL2 GY	LED		6,235	96644809
AFP S 36L70-740 WR BS 3550 PM CL1 GY	LED		6,37	96644839
AFP S 36L70-740 WR LRT CL2 GY	LED		6,285	96644870
Areaflood Pro Accessories				
AFP S LOUVRES F+B			0,4	96645108
AFP MTP 76MM R9006			1,6	96274659
AFP MTP 60MM R9006			1,66	96274660
AFP MTP 60MM GY			1,77	96631743
AFP MTP 76MM GY			1,71	96631744
ACCESSORY DALI IN/OUT JUNCTION BOX			0,52	96631877

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