

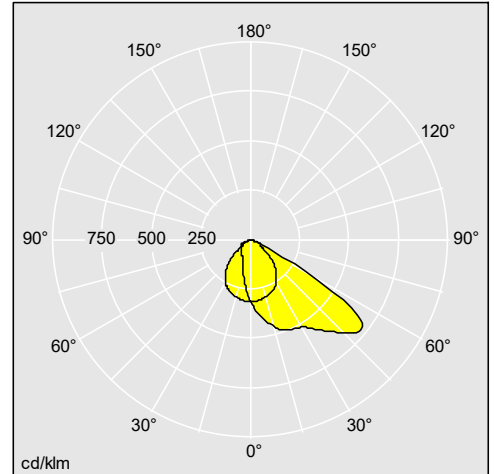
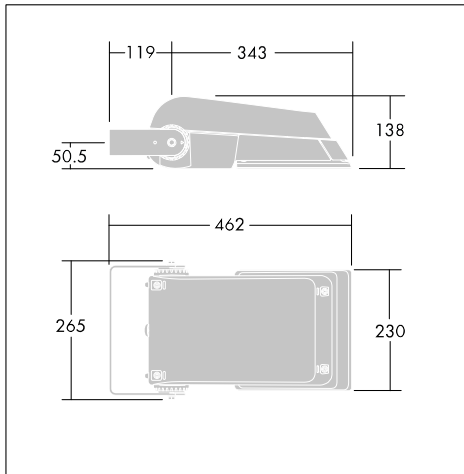
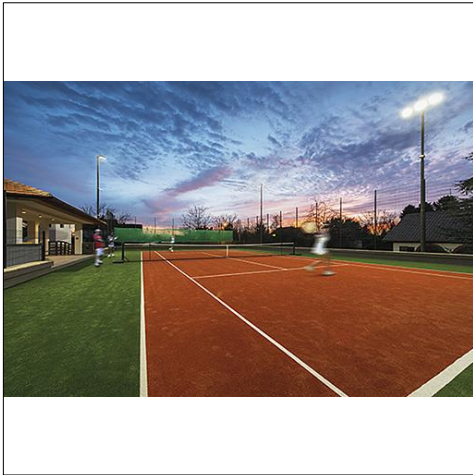
## Areaflood Pro

### 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 compatibility (dimming, lighting controls). Available in electrical class I and class II.

As Thorn Areaflood Pro.

# Areaflood Pro

## Ordering Guide

Description	ILCOS Code	Socket	Wt (kg)	SAP Code
<b>Areaflood Pro Small, Asymmetric optic 40°, bi-power</b>				
AFP S 24L35-740 A4 BS 3550 CL1 GY	LED		6,2	96644710
AFP S 24L50-740 A4 BS 3550 CL1 GY	LED		6,2	96644730
AFP S 24L70-740 A4 BS 3550 CL1 GY	LED		6,2	96644750
AFP S 36L35-740 A4 BS 3550 CL1 GY	LED		6,3	96644770
AFP S 36L50-740 A4 BS 3550 CL1 GY	LED		6,3	96644790
AFP S 36L70-740 A4 BS 3550 CL1 GY	LED		6,3	96644820
<b>Areaflood Pro Small, Asymmetric optic 40°, DALI dimmable</b>				
AFP S 24L50-740 A4 HFX CL1 GY	LED		6,2	96644745
AFP S 24L70-740 A4 HFX CL1 GY	LED		6,2	96644765
AFP S 36L35-740 A4 HFX CL1 GY	LED		6,3	96644785
AFP S 36L50-740 A4 HFX CL1 GY	LED		6,3	96644815
AFP S 36L70-740 A4 HFX CL1 GY	LED		6,3	96644853
<b>Areaflood Pro Small, Asymmetric optic 40°, configured products</b>				
AFP S 36L50-740 A4 CLO BS 3550 CL1 GY	LED		6,219	96644800
AFP S 36L70-740 A4 BS 3550 PM CL1 GY	LED		6,37	96644835
<b>Areaflood Pro Small, Asymmetric optic 50°, bi-power</b>				
AFP S 24L50-740 A5 BS 3550 CL1 GY	LED		6,183	96644732
AFP S 24L70-740 A5 BS 3550 CL1 GY	LED		6,183	96644752
AFP S 36L35-740 A5 BS 3550 CL1 GY	LED		6,219	96644772
AFP S 36L50-740 A5 BS 3550 CL1 GY	LED		6,219	96644792
AFP S 36L70-740 A5 BS 3550 CL1 GY	LED		6,271	96644822
<b>Areaflood Pro Small, Asymmetric optic 50°, DALI dimmable</b>				
AFP S 24L50-740 A5 HFX CL1 GY	LED		6,163	96644746
AFP S 24L70-740 A5 HFX CL1 GY	LED		6,163	96644766
AFP S 36L35-740 A5 HFX CL1 GY	LED		6,199	96644786
AFP S 36L50-740 A5 HFX CL1 GY	LED		6,199	96644816
AFP S 36L70-740 A5 HFX CL1 GY	LED		6,251	96644854
<b>Areaflood Pro Small, Asymmetric optic 50°, configured products</b>				
AFP S 36L50-740 A5 CLO BS 3550 CL1 GY	LED		6,219	96644802
AFP S 36L70-740 A5 BS 3550 PM CL1 GY	LED		6,37	96644836
<b>Areaflood Pro Small, Asymmetric optic 60°, bi-power</b>				
AFP S 24L50-740 A6 BS 3550 CL1 GY	LED		6,183	96644734
AFP S 24L70-740 A6 BS 3550 CL1 GY	LED		6,183	96644754
AFP S 36L35-740 A6 BS 3550 CL1 GY	LED		6,219	96644774
AFP S 36L50-740 A6 BS 3550 CL1 GY	LED		6,219	96644794
AFP S 36L70-740 A6 BS 3550 CL1 GY	LED		6,271	96644824

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<b>Areaflood Pro Small, Asymmetric optic 60°, DALI dimmable</b>				
AFP S 24L50-740 A6 HFX CL1 GY	LED		6,163	96644747
AFP S 24L70-740 A6 HFX CL1 GY	LED		6,163	96644767
AFP S 36L35-740 A6 HFX CL1 GY	LED		6,199	96644787
AFP S 36L50-740 A6 HFX CL1 GY	LED		6,199	96644817
AFP S 36L70-740 A6 HFX CL1 GY	LED		6,251	96644855
<b>Areaflood Pro Small, Asymmetric optic 60°, configured products</b>				
AFP S 36L50-740 A6 CLO BS 3550 CL1 GY	LED		6,219	96644804
AFP S 36L70-740 A6 BS 3550 PM CL1 GY	LED		6,37	96644837
<b>Areaflood Pro Small, Extra wide road optic, bi-power</b>				
AFP S 24L50-740 EWR BS 3550 CL1 GY	LED		6,183	96644736
AFP S 24L70-740 EWR BS 3550 CL1 GY	LED		6,183	96644756
AFP S 36L35-740 EWR BS 3550 CL1 GY	LED		6,219	96644776
AFP S 36L50-740 EWR BS 3550 CL1 GY	LED		6,219	96644796
AFP S 36L70-740 EWR BS 3550 CL1 GY	LED		6,271	96644826
<b>Areaflood Pro Small, Extra wide road optic, DALI dimmable</b>				
AFP S 24L50-740 EWR HFX CL1 GY	LED		6,163	96644748
AFP S 24L70-740 EWR HFX CL1 GY	LED		6,163	96644768
AFP S 36L35-740 EWR HFX CL1 GY	LED		6,199	96644788
AFP S 36L50-740 EWR HFX CL1 GY	LED		6,199	96644818
AFP S 36L70-740 EWR HFX CL1 GY	LED		6,251	96644856
<b>Areaflood Pro Small, Extra wide road optic, configured products</b>				
AFP S 36L50-740 EWR CLO BS 3550 CL1 GY	LED		6,219	96644806
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
<b>Areaflood Pro Small, Wide road optic, bi-power</b>				
AFP S 24L50-740 WR BS 3550 CL1 GY	LED		6,183	96644738
AFP S 24L70-740 WR BS 3550 CL1 GY	LED		6,183	96644758
AFP S 36L35-740 WR BS 3550 CL1 GY	LED		6,219	96644778
AFP S 36L50-740 WR BS 3550 CL1 GY	LED		6,219	96644798
AFP S 36L70-740 WR BS 3550 CL1 GY	LED		6,271	96644828
<b>Areaflood Pro Small, Wide road optic, DALI dimmable</b>				
AFP S 24L50-740 WR HFX CL1 GY	LED		6,163	96644749
AFP S 24L70-740 WR HFX CL1 GY	LED		6,163	96644769
AFP S 36L35-740 WR HFX CL1 GY	LED		6,199	96644789
AFP S 36L50-740 WR HFX CL1 GY	LED		6,199	96644819
AFP S 36L70-740 WR HFX CL1 GY	LED		6,251	96644857
<b>Areaflood Pro Small, Wide road optic, configured products</b>				

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AFP S 36L50-740 WR CLO BS 3550 CL1 GY	LED		6,219	96644808
AFP S 36L70-740 WR BS 3550 PM CL1 GY	LED		6,37	96644839
<b>Areaflood Pro Accessories</b>				
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