Space

Design: AART Designers



The design of Space is timeless and appealingly friendly, meeting the criteria to be well suited for both modern and old architecture – and for public and private spaces.

The non-directional luminaire can be seen from any direction with the same unique pleasant design expression. Due to the wide proportions, Space looks elegant on low and high poles.

The sheer size of the luminaire has made it possible to design and engineer an innovative solution applying direct, indirect and reflected lighting. The direct light is combined with reflected light from the inner top reflector and slightly diffused light from the circular diffusor, which elegantly follows and underlines the circular shape of the luminaire. All done to achieve comfortable human lighting in a fine balance with highly efficient and uniform lighting distributions - both with symmetrical and asymmetrical light.

The main applications are pedestrian areas like pathways, city squares, parks, playgrounds, university and company campuses, parking areas, bicycle roads and many other public and private areas.

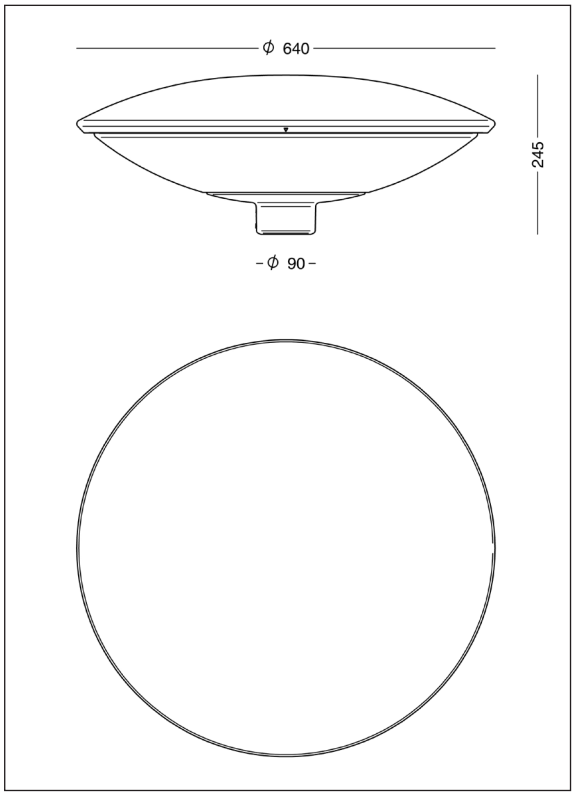


FOCUS-LIGHTING

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Space - symmetrical

Design: AART Designers



Specification:

Material:	Cast aluminium
Powder coating:	Graphite grey: YW355F Silver grey: Y2370I Corten brown: YX355F Black: Noir 900 Sablé SN351F
Shade:	Clear long-life polycarbonate with UV-resistant acrylate on both sides.
Mounting:	Post top/pipe Ø60 x H100 mm or Ø76 x H50 mm
Lead:	5.5 m PKL-lead, 2 x 1 mm^2, included, connection in the post.
Classification:	IP66, class II
Impact resistance:	IK10; with Zhaga socket IK09
Corrosion class:	C4
Weight:	10 kg
Wind sweeping area:	0.09 m^2
Lamp type:	LED

Driver spec:

High lumen, V22:

Driver:	Xitanium Full Xi FP 40 W 0.3-1.0 A progr.
Inrush current:	max 22 A (50% after 290 µs)

Low lumen, V18:

Driver:	Xitanium Full Xi FP 40 W 0.2-0.7 A progr.
Inrush current:	max 27 A (50% after 265 µs)
Surge protection:	L/N-GND: 10 kV, (SR driver: 8 kV) L-N: 6 kV
Operational life:	min 100,000 hours
Dimming/control:	15-100% programming range DALI (4-conductor cable) phase (Line switch) voltage (AmpDim)
Other control options:	DALI via Zhaga book 18 socket

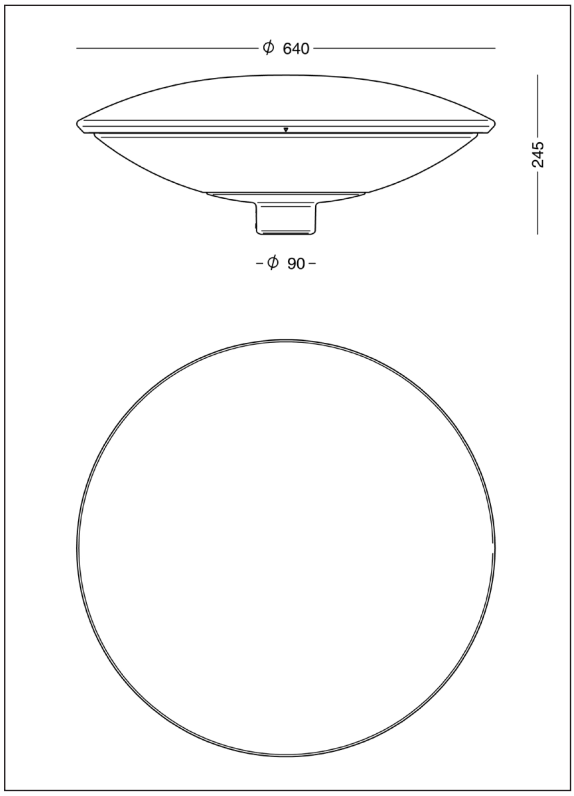
LED spec:

LED, High lumen:	Bridgelux V22
Luminous power:	2700K: 2550-6050 lm, CL0 3000K: 2700-6400 lm, CL0 4000K: 2800-6600 lm, CL0
LED, Low lumen:	Bridgelux V18
Luminous power:	2700K: 1150-3550 lm, CL0 3000K: 1250-3800 lm, CL0 4000K: 1300-3900 lm, CL0
Operational life:	min 100.000 timer ved ta max 25ºC, L90B10
Colour temperature:	2700, 3000 eller 4000 Kelvin
Colour rendering:	min 80 Ra, typisk 85 Ra
Colour accuracy:	3 steps SDCM
Luminous intensity:	G*3
Glare index:	D6
Output ratio:	75-76 per cent

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Space - asymmetrical

Design: AART Designers



Specification:

Material:	Cast aluminium
Powder coating:	Graphite grey: YW355F Silver grey: Y2370I Corten brown: YX355F Black: Noir 900 Sablé SN351F
Shade:	Clear long-life polycarbonate with UV-resistant acrylate on both sides.
Mounting:	Post top/pipe Ø60 x H100 mm or Ø76 x H50 mm
Lead:	5.5 m PKL-lead, 2 x 1 mm^2, included, connection in the post.
Classification:	IP66, class II
Impact resistance:	IK10; with Zhaga socket IK09
Corrosion class:	C4
Weight:	10 kg
Wind sweeping area:	0.09 m^2
Lamp type:	LED

Driver spec:

High lumen, V22:

Driver:	Xitanium Full Xi FP 40 W 0.3-1.0 A progr.
Inrush current:	max 22 A (50% after 290 µs)

Low lumen, V18:

Driver:	Xitanium Full Xi FP 40 W 0.2-0.7 A progr.
Inrush current:	max 27 A (50% after 265 µs)
Surge protection:	L/N-GND: 10 kV, (SR driver: 8 kV) L-N: 6 kV
Operational life:	min 100,000 hours
Dimming/control:	15-100% programming range DALI (4-conductor cable) phase (Line switch) voltage (AmpDim)
Other control options:	DALI via Zhaga book 18 socket

LED spec:

LED, High lumen:	Bridgelux V22
Luminous power:	2700K: 2550-6050 lm, CL0 3000K: 2700-6400 lm, CL0 4000K: 2800-6600 lm, CL0
LED, Low lumen:	Bridgelux V18
Luminous power:	2700K: 1150-3550 lm, CL0 3000K: 1250-3800 lm, CL0 4000K: 1300-3900 lm, CL0
Operational life:	min 100.000 timer ved ta max 25ºC, L90B10
Colour temperature:	2700, 3000 eller 4000 Kelvin
Colour rendering:	min 80 Ra, typisk 85 Ra
Colour accuracy:	3 steps SDCM
Luminous intensity:	G*1
Glare index:	D5-D6
Output ratio:	Type IV: 74 per cent Type II: 68 per cent

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Space - Item Nos.

Design: AART Designers

Product codes:

Space - symmetrical		
Item No.	**Lamp type**	Select colour, colour temperature, etc, in the table below.
8882-	High lumen LED Bridgelux V22, 2550-6600 lm, programmable	
8880-	Low lumen LED Bridgelux V18, 1150-3900 lm, programmable	
Space - asymmetrical type IV		
8902-	High lumen LED Bridgelux V22, 2550-6600 lm, programmable	
8901-	Low lumen LED Bridgelux V18, 1150-3900 lm, programmable	
Space - asymmetrical type II		
8885-	High lumen LED Bridgelux V22, 2550-6600 lm, programmable	
8884-	Low lumen LED Bridgelux V18, 1150-3900 lm, programmable	

Combine with:	**Colour**		**Colour temperature**		**Mounting**		**Dimming/control**	
	4	graphite grey	827	2700 K, 80 Ra	empty	Ø60 post	empty	programmable
	9	silver grey	830	3000 K, 80 Ra	M76	Ø76 post	D	Dali
	17	corten brown	840	4000 K, 80 Ra			F	phase (Line Switch)
	66	noir 900					R	socket incl. SR driver Zhaga book 18, upwards
							RC	as above, City Touch
							S	socket incl. SR driver Zhaga book 18, downwards
	Classification							
	empty	class II						
	J	class I						
Example Item No.	8882-9830J = Space symmetrical, high-lumen, silver grey, 3000 K 80 Ra, max 6400 lm, programmable, Ø60 post, cl. I							

Design poles with Ø60 top pipe					
	Conical pole, Ø88 mm top		**Cylindrical pole, Ø90 mm**		
Height above terrain	for embedment	flanged base	for embedment	flanged base	
3 meter	3350-	3450-	3150-	3250-	
3.5 meter	3351-	3451-	3151-	3251-	
4 meter	3352-	3452-	3152-	3252-	
4.5 meter	3353-	3453-	3153-	3253-	
5 meter	3355-	3455-	3155-	3255-	

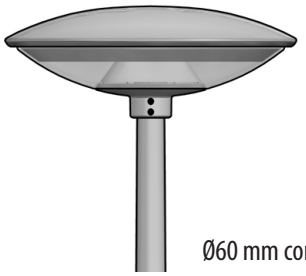
Combine with:	**Colour**	
	4	graphite grey
	7	galvanised
	9	silver grey
	17	corten brown
	66	black noir 900

Accessories	
50202	Rooted base for Ø 62-90 mm poles
50200	Rooted base for Ø 108-140 mm poles
97033	Fuse box for conical pole, for 1 Neozed fuse up to 16A
97070	Fuse box for conical pole, for 2 Neozed fuses up to 16A
6949	Fuse box for Ø90 pole, DI Euro Mini, max 3 pcs 4 x 10 or 2 pcs 4 x 16 mm2
6949-J	Fuse box for Ø90 pole, DI Euro Mini, class I, max 2 pcs 5 x 10 mm2
50279	Fuse box for Ø90 pole, Nipa HSW 1194, max 5 cables 5 x 6 mm2
8016-	Option: Distance ring for Ø90 mm pole - select colour in the luminaire table

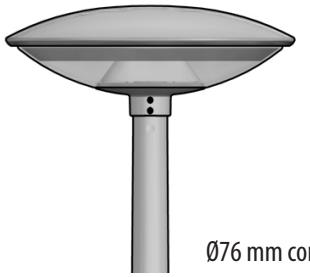
Space - post top

Space can be mounted on different types of poles if the post top or pipe is:

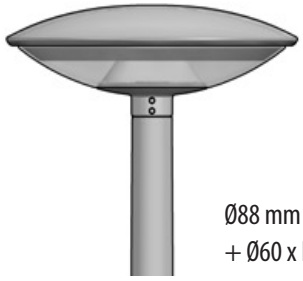
- Ø60 x H100 mm or
- Ø76 x H50 mm



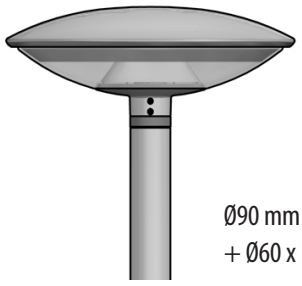
Ø60 mm conical pole



Ø76 mm conical pole

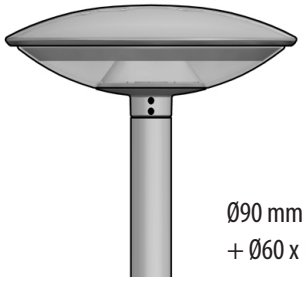


Ø88 mm conical pole
+ Ø60 x H100 mm top pipe



Ø90 mm cylindrical pole
+ Ø60 x H100 mm top pipe, with ring





Ø90 mm cylindrical pole
+ Ø60 x H100 mm top pipe, without ring



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