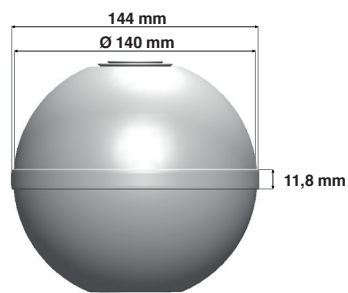


LED-SPHERE

MEASUREMENTS

Measurements	
Dimensions	140 x 140 x 140 mm
Weights	1450 Gr
Material	PC / PE / Aluminium
Finish	Matt Finish
Colour	White
Ingress protection rating	IP20



AVAILABLE TYPES

Article number: S-____-1-____-____-

Light engine	Luminaire Ring	Colour Wiring	Length wire	Control options
S-WD = Warm Dimming 2200K-3000K	1000 = standard	T = Semi transparent	3000 mm	D = DMX (Loxone / KNX)
S-DW = Dual white 2000K-5700K	1001 = wooden ring oak	W = white	5000 mm	C = Casambi
S-RGBW = RGB+W 2700K	1002 = Aluminium mat white	B = Black	10000 mm	
	1003 = Aluminium mat black	C = Customized	15000 mm	
	1004 = No ring			
	1005 = Customized			

INPUT / LIGHT SPECIFICATIONS

	LED sphere RGB+W	LED sphere DW
Input	24V	24V
Current	1A max	1A max
Lumen output	1721 Lumen	1721 Lumen
Warm white Colour temperature	2700 K	2000 K
Cool white Colour temperature	-	5700 K
RGBW	YES	NO
CRI	> 95 Ra	> 90 Ra

SAFETY & ENVOIREMENT SPECIFICATIONS

Protection	
Over Voltage	24 ~ 26 VDC
Short Circuit	No Protection
Safety	CE approved
Environment	
TemperatureW	Operating: -15°C ~ 70°C
Humidity	Operating: 5% ~ 90% RH
M.T.B.F.	70% after 50.000h

MOUNT OPTIONS LED SPHERE:

1. Via a thread tube on the top and bottom of the Sphere (undemeath the centralised fan).
2. Via a panel mount in between the two half Spheres.
3. Via three M4 screw mounting holes in the middle ring of the Sphere.

THREAD TUBE TOP AND BOTTOM:

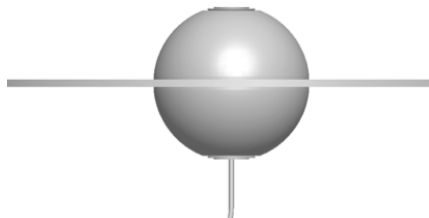
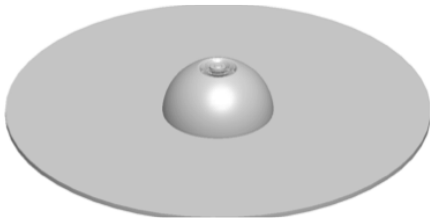
On the top and bottom side of the LED Sphere, a M10x1 thread tube can be screwed in up to 9mm. On one side the thread is visible on the other side this is not the case, but optionally it is possible to undo the centre of the plastic fan to access the inner M10x1 thread.



PANEL MOUNT BETWEEN TWO HALVES:

By dividing the 2 half spheres, via unscrewing the inbus (size 5) bolt in the centre of the Sphere and unplugging the connection cable, the 2 half spheres can be remounted on the top and bottom side of a panel. The panel needs to have a minimal thickness of 6,5mm and the hole in the panel needs to be 133,5 mm (+/- 0,5mm). Pay attention to the positioning pen and the connection cable in between the half spheres when remounting the sphere.

When the luminaire is using the LED Sphere as mounting device to the ceiling, notice that the maximum weight of the luminaire is 5 kg.



SCREW MOUNTING HOLES IN MIDDLE RING

In the middle ring of the Dydell Led Sphere provides optionally three M4 mounting connections. The mounting connections are divided over 360 degrees (3 x 120 degrees). The thread in the mounting holes starts at depth of 45mm and end at a depth of 60mm.

