DATA SHEET
LED SPHERE

The innovative concept consists of a stylish and durable LED-light bulb without the traditional light bulb fitting. The LED bulb has a diameter of 140 mm and consists of two half spheres that can be fitted independently with warm-white (2700K) and coloured RGB light.

The internal cooling provides the LED bulb with a stylishly warm, even radiance, and the LED bulb has a large radiance capacity of 1605 Lumen (comparable to a traditional 100 Watt light bulb) as well as a lifetime of up to 30 years.

DYDELL's LED light concept can be operated via DYDELL HOME or DYDELL PRO.

Models		DYDELL LED Sphere
		DYD 10-001-01
Input	Voltage (VDC)	24
	Current	1A max.

Light	Max. Output (lumen)	1605
	White LEDs Color Temperature (K)	2700
	RGB	
	CRI bin White LEDs	>85 Ra

Protection	Over Voltage	24 ~ 26VDC
	Short Circuit	no protection

Case	Dimensions H x W x D(mm)	140 x 140 x 140 mm
	WEIGHT (gram)	1450
	Material	PC / PE / Aluminium
	Finish	Polished
	Colour	White
	Ingress protection rating	IP20

Environment	Temperature	Operating: -15 ~ 70°C
	Humidity	Operating: 5% ~ 90% RH (non condensing)

M.T.B.F.	> 50K hours (estimated)	

Cable	Cable specifications between DYDELL Pro Master/Slave/Home Controller and DYDELL LED Spheres	
	Max. Lenght (m)	15
	Max. Cable Jacket diameter (mm)	5
	Min. Wire Cros sectional area (mm²)	0.5
	Amount of conductors	3

SAFETY	Approved:	CE