

HydraMoon- HM.DS.018ST

Circular drop & swivel downlight


Replaces:

: 25W CDM Metal Halide : 100W Halogen

Applications:

Retail & Display, Office, Educational & Communal, as well as General installations

Warranty (Yrs.)

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HydraMoon DS.018 is a Circular drop & swivel downlight, designed for Retail & Display, Office, Educational & Communal, as well as General illumination to replace 25W CDM Metal Halide and 100W Halogen luminant(s).

With a minimum light output of 1550lm, this luminaire is a simple replacement for existing recessed lighting systems.

The high efficacy (86Lm/W) light engine has the power to illuminate display bays and cabinets with a similar effect to a Metal Halide lamp rated 25W CDM. The active cooling systems allows the luminaire to be placed inside a closed cavity and maintains a very low operating temperature extending the life and improving the performance of the luminaire. DS.018 has a useful life of 10 years in a retail environment, unlike metal halide which has an operating life of around 3 years. DS.018's colour does not deteriorate with age.

IP Rating	20	Beam Angle (°FWHM)	60
System Power (W)	18	Flux (Lm)	1550
System efficacy (Lm/W)	86	CRI (Ra4)	>80
Input Voltage (V)	100- 240v	CCT (K)	3000K / 4000K / 5000K
Input frequency (Hz)	50/60	Life Expectancy (Hrs.)	> 50000
Power Factor (cos phi)	>0.9	Lx @ 1m	855
Operating temp. (°C)	10 ~ 40	2m	214
Storage temp. (°C)	0 ~40	3m	95
Weight (gr)		Illuminated area (m)@ 1m	1.05
Dimensions (mm): LxWxH	0x 0x 0	2m	4.20
		3m	9.45