

Technical Data SoLux High Output 5000 Kelvin

Physical lamp is a 35 watt 10 volt 4700K lamp designed to be over driven to 12 volts to achieve 5000K +/- 200K.

PHYSICAL

Bulb Type: MR 16
 Cover Glass: Yes
 Bulb Diameter: 2" (50mm)
 Maximum Overall Length: 1 3/4 " (45 mm)
 Base 2 pin / GX5.3

ELECTRICAL

Watts: 35
 Volts: 12
 Filament: C-8
 Burning Position: Any

LIGHT

Life: 500 Hrs.
 Color Temperature: 4900 Kelvin
 Color Rendition Index. 98 C.R.I.

IR EMISSION

58 % Less Than
 Standard MR16 50W

UV VALUES

UV : 41.99 Microwatt / Lumen
 UVA: 39.63 Microwatt / Lumen (380-315 nm)
 UVB: 2.36 Microwatts / Lumen (315-280nm)

CANDLEPOWER

4735104 (36°) = 1529

Part Number 4735104

Over Drive Data

Volts	10	10.5	11	11.5	12
x	0.3715	0.3677	0.3638	0.3600	0.3567
y	0.3906	0.3878	0.3853	0.3826	0.3805
CCT	4498	4591	4687	4795	4901
CP	845	988	1157	1321	1529

36°			
Beam Diameter		Illuminance	
Feet	Meters	fc	Lux
1.30	0.40	394.7	4247.2
2.60	0.80	98.7	1061.8
3.90	1.20	43.9	471.9
5.20	1.60	24.7	265.5
6.50	2.00	15.8	169.9