



FOSFENS[®]
PARIS

CORDUROY II
2019 Limited Edition

Lampe de Bureau - Lampadaire

2250 LM 25.3W 2700°K

Options : 2200°K - 3000°K - 3500°K - 4000°K

120-230-277 Volts AC 50/60Hz

Zoom X5 : 15° à 75°

Bluetooth 4.1 - 2.4 GHz or DALI

Free software on the AppStore : XIMtroller

Flicker No effect per IEEE1789 - Superior Deep dimming $\geq 3,000$ Hz

True Quality of Light

Corrected Cold Phosphor Technology - Uniform Light

IES-TM30 GAI88 109 - CRI98 - R9 95 - Rf 96 - Rg103

Initial Color Consistency $\leq 1x2$ Macadam ellipses (1x2 SDCM)

Color Maintenance Consistency maintained $< 0.003 \Delta u'v'$ @ 50,000 hours

Light Engine Warranty 7years or 50Khours on mortality B0, color & lumen maintenance

Manufacturing Process with CNC 5 axes

Nobles Materials : Platinum - Titanium - Inox - Aluminium - Copper - Brass

Handcraft Finishes : Brushed - Polished - Blasted

Aeronautic Treatments : SAO - Gold - Silver - Palladium - Ruthenium - Nickel

Custom Aspheric Glass Lens - Borosilicate Substrate

Plano-Convex - Surface quality 10-5 based on MIL-PRF-13830B

Bevel (Face width @45 degrees) < 0.25 mm

Irregularity (P-V) @ 632.8nm $\lambda/10$

Index of Refraction $nd_{1.517}$ - Transmission range 0.4 μ m

Multi-Layers Coating - $R_{avg} \leq 0.4\%$ @425 - 675nm

Typical Energy Density Limit 5 J/cm² @ 532nm, 10ns

Diagnostic sensors and auto correction - Electrical & Temperature Protection

Data Retrieval Possibilities, instantaneous and cumulative

Secure - AES-128 Encryption - Powerful ARM Cortex M0 32-bit 48Mhz processor

RoHS Compliant



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FOSFENS - SPM group since 1970

Atelier de Créations - 52 rue Saint Fargeau - 75020 Paris

Usine de Production - ZA de la Mare du Milieu - 10 rue Denis Papin - 91630 Guibeville

Tel. : 01 60 33 92 12 - Fax : 01 60 83 84 77 - contact@fosfens.fr - www.fosfens.fr

S.A.R.L. au Capital de 10000€- Siret 813 469 350 00017 - Code NAF 2740 Z - N°TVA Intracom. FR00813469350 - R.C.S Evry 443 045 406