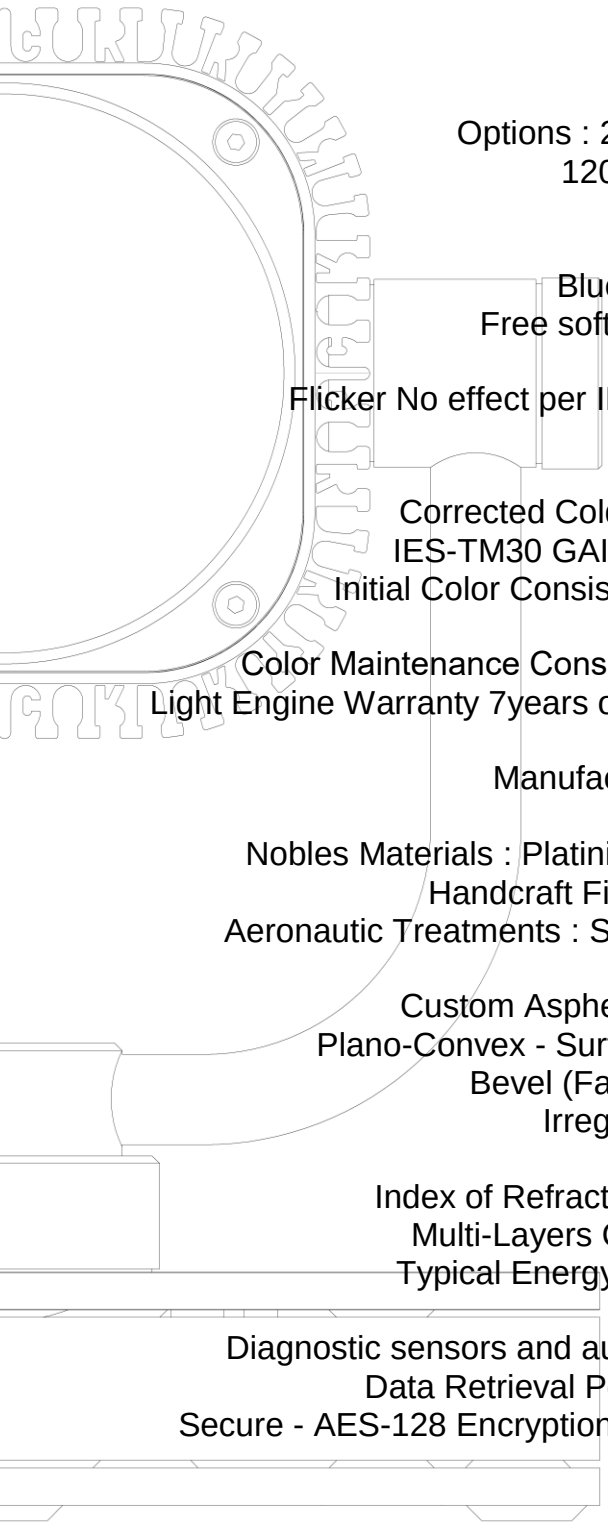
FOSFENS
PARIS

CORDUROY
2019 Limited Edition

Spot sur Socle



1750LM 20.6W 2700°K
Options : 2200°K - 3000°K - 3500°K - 4000°K
120-230-277 Volts AC 50/60Hz
Zoom X3 : 25° à 75°

Bluetooth 4.1 - 2.4 GHz or DALI
Free software on the AppStore : XIMtroller

Flicker No effect per IEEE1789 - Superior Deep dimming ≥ 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 ≤ 1x2 Macadam ellipses (1x2 SDCM)

Color Maintenance Consistency maintained < 0.003 Δ 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 : Platinium - 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) < 0.25mm
Irregularity (P-V) @ 632.8nm λ/10

Index of Refraction nd1.517 - Transmission range 0.4µm
Multi-Layers Coating – Ravg ≤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

FOSFENS
PARIS

FOSFENS – SPM group since 1970
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