Fabric **K700 (polyester powder coated)**
Application **Lighting**
Performance & Physical Characteristics

Performance

Open Area	80%
Colour Rendering Index (CRI)	100%
Eclipse Angle	0^0 to 35^0 & 135^0 to 180^0 from horizontal
Louvre Angle	$73^0/107^0$ from horizontal when horizontally mounted
Visual Block	100% @ 0^0 to 35^0 & 135^0 to 180^0 from horizontal
Fire / Heat Attenuation	49.4% Compliant up to BAL-40 (40kW/m2 incident irradiance)
Lumen Output Differential	Black Finish 25% nom. White Finish 35% nom.
Resistance to Wind	Hurricane Proof: 100 mph (160 kph) (BRE)
Wind Load	<14.65 kgf / sq mtr (<3lb per sq ft) (ASHRAE)
Insect penetration	Exclusion of any body > 1.17 mm
Lifetime	40+ years

Physical Characteristics

Coated Fabric (MN204E - PPC)

Weft	(each louvre)	Width	1.30mm +0.0/-0.1mm (0.054 +0.0”/ -0.004”)
		Thickness	0.35mm +0.025/-0.0mm (0.014” +0.001”/-0.0”)
		Louvre spacing	1.41mm - 1.49mm (0.056” - 0.059”)
		Louvre count	17min – 18max per 25.4mm (1”)
		Louvre angle	17^0 (degrees) from normal plane when vertical
Warp	(each wire)	Diameter	0.310mm (0.0122”) max
		Spacing (nominal)	12.7mm (0.5”)
		Fabric thickness O/A	1.55mm ±0.1mm (0.061” ±0.004”)
Weight	(nominal)	per Square Metre	1.1 kg (2.43 lb)
		per Square Foot	0.102 kg (0.23 lb)

FHA Coated Fabric (SN805G - PPC)

	Coated Fabric Specs	As Above
Fire Resistance	Reaction to Fire	A2-s1,d0: BS EN 13501-1:2002

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