

SOLAR, OPTICAL AND COLOUR FASTNESS PROPERTIES

SHADING CO-EFFICIENT

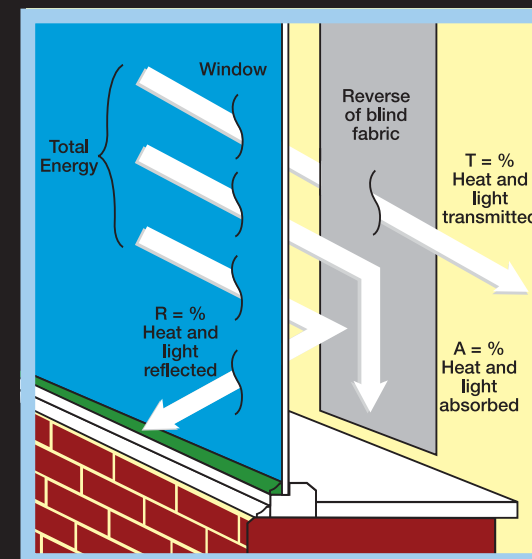
The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, therefore, the higher the efficiency of the fabric. The test results in the table below have been achieved using a single 6mm glass glazing system.

ULTRAVIOLET PROTECTION FACTOR (UPF)

The UPF protection factor states how long someone using sun protective textiles can stay in the sun without suffering skin damage. The UPF is comparable to the sun protection factor of sunscreen which can vary considerably depending on the individual skin types.

A person with a very fair complexion has a protection time of approximately 5 - 10 minutes. If they are exposed to the sun for longer without protection, they risk skin damage.

When protected by a fabric with UPF 80, this individual can extend how long they are able to stay in the sun by a factor of 80, i.e. up to a maximum of 6 to 13 hours (80 x 5 min = 400 min to 80 x 10 min = 800 min), without risking skin damage.



Nocturne™

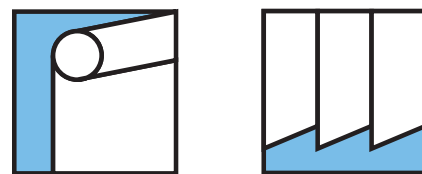
Vertical & Roller Blackout Blinds



ARCHITECTS
SPECIFIERS
CONTRACTORS

A11

Performance Fabrics



NOCTURNE™	SOLAR, OPTICAL PERFORMANCE CHART									
	T _s	SOLAR R _s	A _s	T ₀	OPTICAL R ₀	A ₀	SC	CF	BLACK out	UPF
Beige	0	72	28	0	81	19	0.30	6+	5	80
Blue	0	17	83	0	8	92	0.84	6+	5	80
Burgundy	0	14	86	0	9	91	0.86	6+	5	80
Caramel	0	51	49	0	50	50	0.51	6+	5	80
Green	0	16	84	0	15	85	0.85	6+	5	80
Grey	0	58	42	0	64	36	0.44	6+	5	80
Ivory	0	80	20	0	80	20	0.23	6+	5	80
Navy	0	9	91	0	5	95	0.91	6+	5	80
Terracotta	0	38	62	0	29	71	0.63	6	5	80
Vanilla	0	71	29	0	80	20	0.31	6+	5	80
White	0	68	32	0	77	23	0.34	6+	5	80
Yellow	0	54	46	0	59	41	0.48	6+	5	80

T: % Transmittance R: % Reflectance A: % Absorption SC: Shading Co-efficient CF: Colour Fastness
Dim out: 1 = High light penetration, 4 = Low light penetration, 5 = Blackout UPF: Ultraviolet Protection Factor

FIRE PROTECTION

Louvolute has submitted Nocturne™ for testing to various FR standards. The fabric has met the standards listed below. Further information is available on request.

BS 5867 1980 Part 2 Type B | AFNOR 92-503 M3 |
CAN/ULC-S109-03 | NFPA 701 - 2004 Large & Small | AS/NZS 1530.3 - 1999

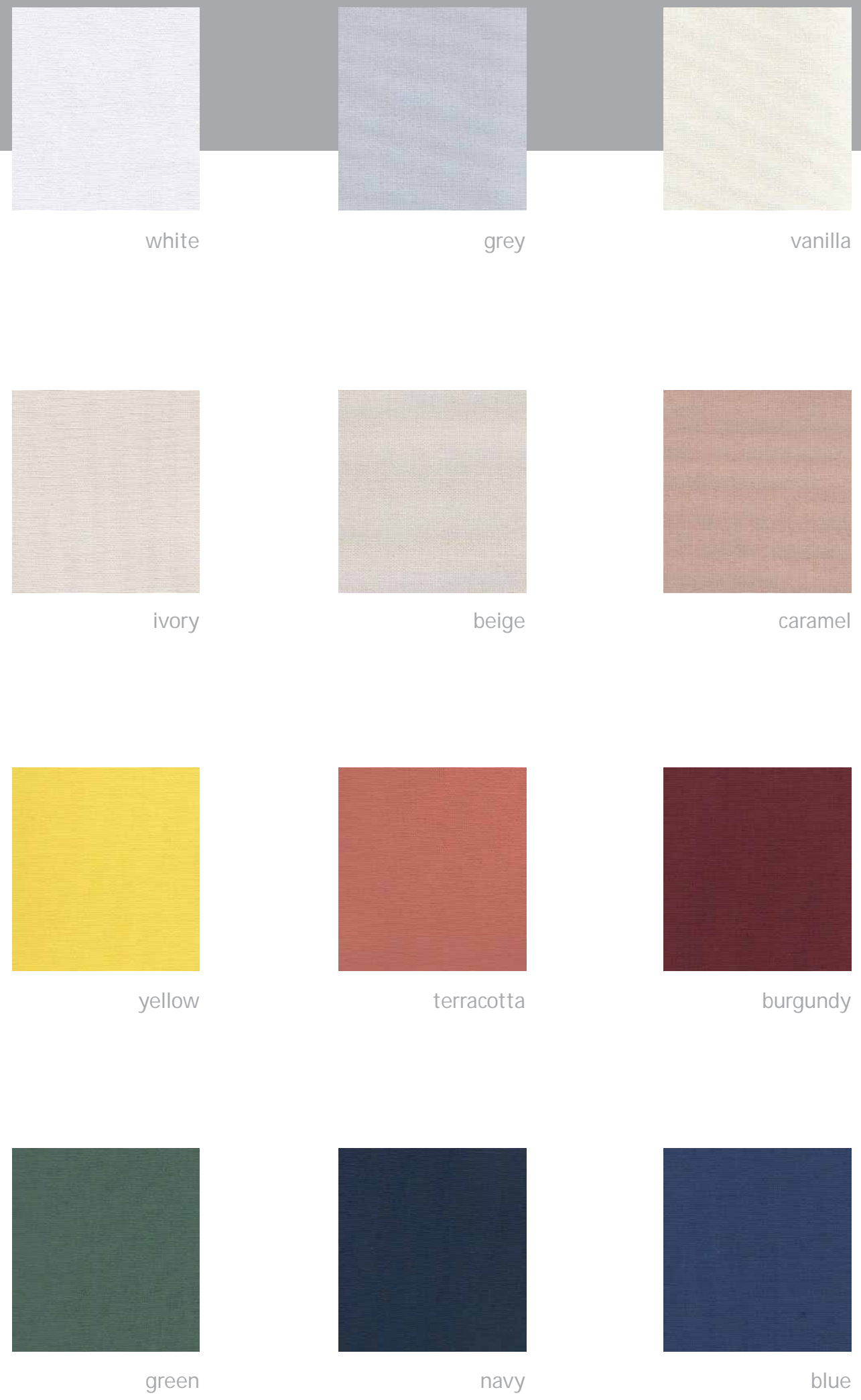
Blinds with Louvolute Performance fabrics supplied by:









CI/SfB 1976 reference by SfB Agency			
(76.7)	X		

Nocturne™

PERFORMANCE FABRICS



COLOUR RANGE	12	ULTRAVIOLET PROTECTION FACTOR (UPF)	The UPF protection factor is comparable to the sun protection factor of sunscreen which can vary considerably depending on the individual skin types. When protected by a textile material with a UPF of 80, for example, this individual can extend how long they are able to stay in the sun by a factor of 80, in other words, up to a maximum of 80 x 5 min = 400 min to 80 x 10 min = 800 min, without risking damage to their skin.
LOUVRE WIDTHS AVAILABLE	89mm (3½") 127mm (5") other widths available on request	AVAILABILITY	Ex-stock
ROLLER BLIND WIDTH	2.10m (82")	FABRIC SAMPLES	Available on request
FABRIC COMPOSITION	100% polyester		
FABRIC WEIGHTS	360g/m² (10.6oz/yd²)		
FLAMMABILITY STANDARDS	Complies with BS 5867 (1980 Part 2, Type B) AFNOR 92-503 M3 CAN/ULC-S109-03 NFPA 701 - 2004 (Large & Small) AS/NZS 1530.3 - 1999		
COLOUR FASTNESS	Tested in accordance with BS EN ISO 105-B01:1999		
CLEANING	Wipe clean		

-  vertical blind
-  roller blind
-  flame retardant
-  black out
-  wipe clean
-  UV Protection Factor tested to European UV Standard 801



Colours reproduced here may vary from the actual colours due to the limitations of the printing process. Great care has been taken to ensure that the fabric swatches and the information supplied are correct, however specifiers and customers are advised to check the suitability of materials before use. LARGER SAMPLES ARE AVAILABLE ON REQUEST.