LUMINANCE MEASURES OF PHOSPHORESCENT PIGMENTS

COLOUR	REF	PART. SIZE	PERF	LUMINANCE MEASURES			EXTINCTION
				1 minute	10 minutes	60 minutes	(0,3 mcd/m²)
GREEN	**YmO-10B**	72µm-96µm	++	4310	707	128	8490min
	YmO-10C	48µm-72µm	++	4540	588	116	8011 min
	YmO-10D	36µm-48µm	+++	3590	555	105	6521 min
	YmO-10W	36µm-48µm	+++	3590	555	105	6521 min
	YmO-7	15µm-35µm	++	1810	265	55	4966 min
	YmO-5E	5µm-15µm		NC	NC	NC	NC
	YmO-HE	1µm-5µm		NC	NC	NC	NC
	YmO-9CL	48µm-72µm	+	2380	413	85	5615 min
	YmO-9DL	36µm-48µm	+	1892	326	73	-
	YmO-6L	<36µm	-	1201	173	43	-
	YmO-8DL	36µm-48µm	-	1392	234	63	-
TURQUOISE	**YmB-7C**	48µm-72µm	+	2400	380	90	-
	YmB-7D	36µm-48µm	++	2050	340	75	-
	YmB-W	36µm-48µm	++	2050	340	75	
	YmB-7E	25µm-35µm	+	1610	259	30	-
BLUE	**YmS**	25µm-35µm	-	850	210	18	
	YmS-W	36µm-48µm	-	1400	310	28	-
VIOLET	YmV-7E	25µm-35µm	---	350	90	16	
	YmV-7W	36µm-48µm	-	488	122	22	
WHITE	YmO-1W	20µm-40µm	-	790	140	14	
YELLOW	YmOY	20µm-40µm	--	510	125	5	
ORANGE	YmRO	20µm-40µm	--	490	120	5	
RED	YmR	20µm-40µm	--	420	76	3	

Measures after lighting sample with Fluorescent lamp 1000lux / 10min

Measurement expressed in mcd/sqm (Microcandella/sqm)

The extinction refers to the duration in minutes necessary to the luminance reached 0,32mcd / m ² Since the end of the excitement by the light.

ARCO IRIS SAS
ZONE DE TESAN SUD - 30126 ST LAURENT DES ARBRES - FRANCE
TEL: +33 4 66 50 61 66 - Mail: info@phosphorescentpaint.co.uk