

**Standard: En 1836:2005 (280nm-780-nm)**

Sample: Grey  
 Company: Rootbiza · Email: info@rootbiza.com

Item	Value	Requirement	Result
Luminous Transmittance (Tv)	16,28%		
Filter Category	3		
Tmax UVB (280nm-315nm)	0,00%	<1,63% (0,1Tv)	PASS
Tmax UVA (315nm-350nm)	0,00%	<8,41% (0,5Tv)	PASS
Max Tsuva (315nm-380nm)	0,00%	<8,14% (0,5Tv)	PASS
Tmin (500nm-650nm)	14,90%	>=3,26%(0,2Tv)	PASS

**UV-transmittance**

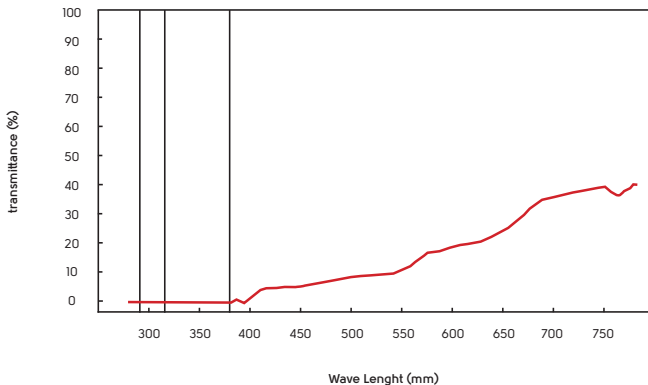
Item	Value	Requirement	Result
Tsuva (315nm-360nm)	0,00%	<(1+0,5)%	PASS
Tsub (280nm-315nm)	0,00%	<(1+0,5)%	PASS
Tsuv (280nm-380nm)	0,00%		
Tsb (380nm-500nm)	15,76%		

**Recognition of signal lights**

Item	Value	Requirement	Result
Red (Q) Factor	1,06	>=0,8	PASS
Green (Q) Factor	1,01	>=0,6	PASS
Yellow (Q) Factor	0,98	>=0,8	PASS
Blue (Q) Factor	1,12	>=0,4	PASS

**Spectrum Data**

WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%
780	46.390	770	43.640	760	42.750	750	44.270	740	43.380
730	41.960	720	41.600	710	39.920	700	37.670	690	32.980
680	26.320	670	22.190	660	21.020	650	20.480	640	19.200
630	17.260	620	16.150	610	15.670	600	15.410	590	15.230
580	15.100	570	15.010	560	14.900	550	15.250	540	15.860
530	16.720	520	17.480	510	18.380	500	19.060	490	19.300
480	19.060	470	18.460	460	17.600	450	16.350	440	14.890
430	13700	420	12.730	410	8.910	400	3.330	390	1.220
380	0.000	370	0.000	360	0.000	350	0.000	340	0.000
330	0.000	320	0.000	310	0.000	300	0.000	290	0.000
280	0.000								



Standard: En 1836:2005 (280nm-780-nm)

Sample: REVO Orange Mirror  
 Company: RootIbiza · Email: info@rootibiza.com

Item	Value	Requirement	Result
Luminous Transmittance (Tv)	15,96%		
Filter Category	3		
Tmax UVB (280nm-315nm)	0,00%	<1,60% (0,1Tv)	PASS
Tmax UVA (315nm-350nm)	0,00%	<7,98% (0,5Tv)	PASS
Max Tsuva (315nm-380nm)	0,00%	<7,99% (0,5Tv)	PASS
Tmin (500nm-650nm)	10,99%	>=3,19%(0,2Tv)	PASS

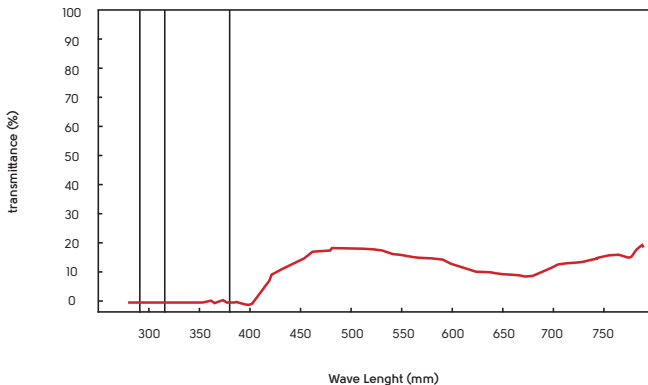
UV-transmittance

Item	Value	Requirement	Result
Tsuva (315nm-360nm)	0,15%	<(1+0,5)%	PASS
Tsub (280nm-315nm)	0,00%	<(1+0,5)%	PASS
Tsuv (280nm-380nm)	0,10%		
Tsb (380nm-500nm)	15,23%		

Recognition of signal lights

Color	Factor	Value	Requirement	Result
Red	(Q) Factor	0,75	>=0,8	PASS
Green	(Q) Factor	1,08	>=0,6	PASS
Yellow	(Q) Factor	0,88	>=0,8	PASS
Blue	(Q) Factor	1,09	>=0,4	PASS

		Spectrum Data							
WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%
780	20.270	770	17.060	760	15.860	750	17.280	740	16.560
680	10.300	670	10.300	660	9.390	650	10.290	640	10.630
630	10.760	620	15.570	610	12.380	600	12.600	590	14.530
580	15.570	570	17.710	560	15.560	550	16.110	540	15.750
530	17.710	52	19.220	510	19.320	500	19.840	490	19.790
480	19.220	470	12.320	460	18.230	450	16.650	440	14.490
430	12.320	420	1.060	410	4.300	400	0.000	390	0.000
380	1.060	370	0.000	360	1.080	350	0.000	340	0.000
330	0.000	320	0.000	310	0.000	300	0.000	290	0.000
280	0.000								





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Sample: REVO Orange Mirror  
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Item	Value	Requirement	Result
Luminous Transmittance (Tv)	15,61%		
Filter Category	3		
Tmax UVB (280nm-315nm)	0,00%	<1,56% (0,1Tv)	PASS
Tmax UVA (315nm-350nm)	0,00%	<7,81% (0,5Tv)	PASS
Max Tsuva (315nm-380nm)	0,00%	<7,81% (0,5Tv)	PASS
Tmin (500nm-650nm)	10,24%	>=3,12%(0,2Tv)	PASS

UV-transmittance

Tsuva (315nm-360nm)	0,00%	<(1+0,5)%	PASS
Tsub (280nm-315nm)	0,00%	<(1+0,5)%	PASS
Tsuv (280nm-380nm)	0,00%		
Tsb (380nm-500nm)	6,45%		

UV-transmittance

Red (Q) Factor	1,55	>=0,8	PASS
Green (Q) Factor	0,82	>=0,6	PASS
Yellow (Q) Factor	1,28	>=0,8	PASS
Blue (Q) Factor	0,84	>=0,4	PASS

Spectrum Data

WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%	WL(nm)	T%
780	46,220	770	43,140	760	42,190	750	45,390	740	44,640
730	43,519	720	43,140	710	42,260	700	41,160	690	39,670
680	37,040	670	33,750	660	30,580	650	27,960	640	26,260
630	24,260	620	23,160	610	22,430	600	21,940	590	20,870
580	19,800	570	17,340	560	14,420	550	12,810	540	12,020
530	11,570	520	11,090	510	10,670	500	10,240	490	9,520
480	8,480	470	7,680	460	6,720	450	6,040	440	5,610
430	5,560	420	5,380	410	4,010	400	1,720	390	1,100
380	0,000	370	0,000	360	0,000	350	0,000	340	0,000
330	0,000	320	0,000	310	0,000	300	0,000	290	0,000
280	0,000								

