

TEST REPORT

Report No. : HV-07-00986X

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Date : MARCH 27, 2007

GEYOUNG CORPORATION

RM.5D-05, NO. 5, XIN YI RD., SEC.5,
TAIPEI, TAIWAN

The following merchandise was submitted and identified by the vendor as:

Product Description: GLIP-ON ACRYLIC REFLECTIVE MARKER
Style/ Item No.: COR-06
Manufacturer/Vendor : GEYOUNG CORPORATION
Country of Origin: CHINA

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)

Photometric Test

Test Results: - PLEASE SEE ATTACHED SHEETS -

Date of Testing : MARCH 19, 2007~ MARCH 27, 2007

Signed for and on behalf of
SGS Taiwan Ltd.



Given Chang
Asst. Manager

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Photometric Test

Test Equipment:

Name	Brand	Model
Computerized Photometric range System	GAMMA	940D

Lab Environmental Conditions:

Ambient temperature: $23 \pm 2^\circ\text{C}$

Relative humidity: $65 \pm 5\% \text{RH}$

Test Method:

EN 13356(2001) Visibility accessories for non-professional use—Test methods and requirements

Type 2

Test Specification:

1. Follow EN13356:2001 (Table 2) Standard as reference Standard
2. The testing distance is 15.3m
3. The test sample was mounted at the normal operation position on the goniometer table with and the sample's center aligned to the gonio-meter's rotation center. The tested area of the sample is 0.00332m^2

Requirement : Minimum coefficients of specific retroreflection value R' for type 2 and type 3-accessories

Unit : cd/lx m^2

Observation angle α	Entrance angle β (Measurement only + entrance angle β_1)	
	$\beta_1 = +5^\circ$, $\beta_2 = 0^\circ$	$\beta_1 = +20^\circ$, $\beta_2 = 0^\circ$
0.2(12 $^\circ$)	110	80
0.33(20 $^\circ$)	80	60
1.5(1 $^\circ$ 30 $^\circ$)	4	3

The minimum area for type 2 and type 3 accessories shall meet the minimum CIL value $R=400 \text{ mcd/lx}$ in all directions around the person at $\alpha=0.33^\circ$, $\beta_1=+5^\circ$

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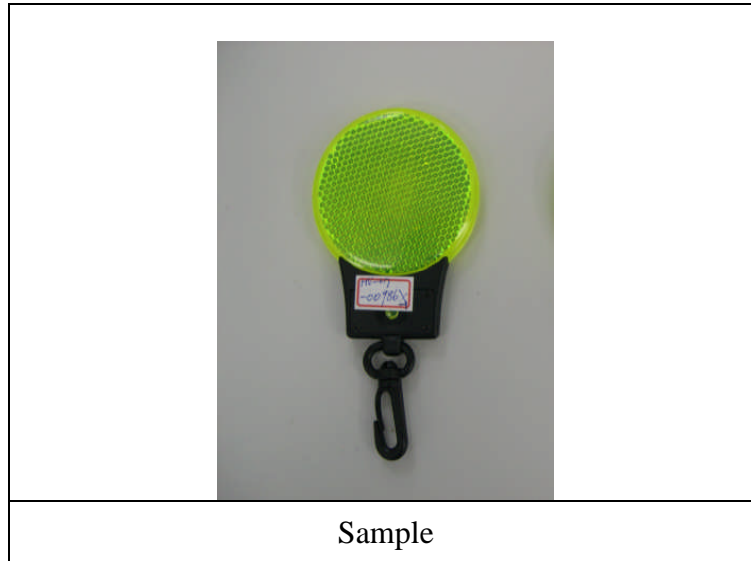
Test Result:

Unit :cd/lx m²

Observation angle α	Entrance angle β (Measurement only + entrance angle β_1)	
	$\beta_1=+5^\circ, \beta_2=0^\circ$	$\beta_1=+20^\circ, \beta_2=0^\circ$
0.2(12´)	682	382
0.33(20´)	563	323
1.5(1°30´)	36	23

The minimum CIL value R of the finished product is 1453 mcd/lx at $\alpha=0.33^\circ, \beta_1=+5^\circ, \beta_2=0^\circ$.

Test Photos:



— The End of Test Report —