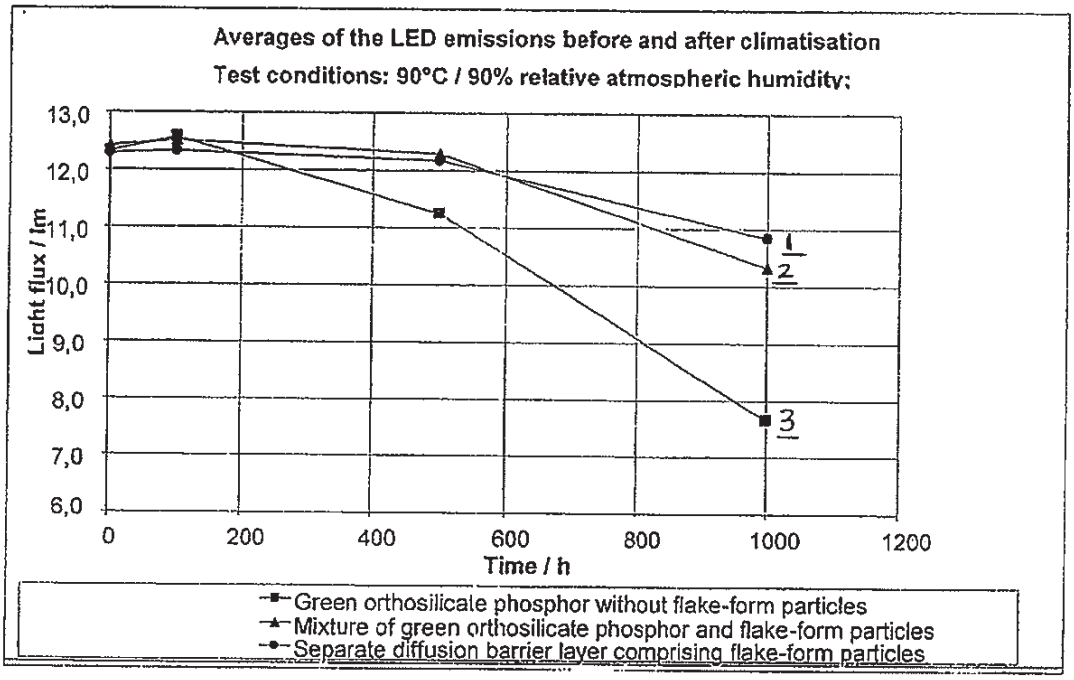
Fig. 3


Averages of the LED emissions before and after climatisation
Test conditions: 90°C / 90% relative atmospheric humidity;
Light flux / lm
13,0
12,0
11,0
10,0
9,0
8,0
7,0
6,0
0
200
400
600
800
1000
1200
Time / h
1
2
3
Green orthosilicate phosphor without flake-form particles
Mixture of green orthosilicate phosphor and flake-form particles
Separate diffusion barrier layer comprising flake-form particles