

INSTRUCTIONS

- The LLL system shall provide a luminance of at least 15mcd/m² measured 10 min after the removal of all external illuminating sources and shall continue to provide luminance values greater than 2mcd/m² for 60 min.
- All photo luminescent materials are to be provided with no less the minimum level of incident/ambient excitation light necessary to charge the material to provide luminance greater than 2mcd.m² after 60 min depending on the widths.PL strips having a width less than 75mm shall only be used where the excitation illuminance (lx) is increased to achieve the minimum luminance (mcd/m²) to compensate for the reduced width in accordance with the table.
- The minimum excitation illuminance for the tested light source is to be marked on the product.
- Positioning of the LLL system shall be arranged to enable persons to readily identify all escape routes and exits. However LLL should not be installed in public spaces. In addition, to prevent escaping persons from having to cross LLL strips, lighting need not be installed along the door thresholds or across stairway landings.
- When the LLL system is installed on decks, it shall be arranged in such a way that the LLL strips do not constitute a danger for the free circulation of the people.
- Generally LLL strips should be flush with the carpet of the primary deck covering surface or in other cases when fitted on bulkheads the arrangement shall be such that the fire integrity of divisions is not impaired.
- In all corridors the visual effect of the LLL system shall be continuous, except where interrupted by intersections with other corridors, cabin doors or local enlargements or recesses, to provide a visible delineation along the escape routes. In way of local enlargements or recesses, the maximum interruption permitted in LLL systems shall not exceed 2 meters.
- The LLL shall be installed on at least one side of the corridor, but in corridors more than 2 meters wide, LLL shall be installed on both sides. Small individual recesses less than 2 meters long in the line of the corridor or with a combined total length less than 50% of the length of the corridor shall not be included when calculating the width of a corridor.
- The LLL system shall be located either on the bulkhead within 300 mm of the deck, or on the deck within 150mm of the bulkhead.LLL may be installed at a distance greater than 150mm from the bulkhead in way of recesses. In dead end corridors the LLL system shall include arrows

or equivalent direction indicators, at intervals of no more than 1 meter, pointing away from the dead end.

- Door which form part of the escape route (e.g., doors in stairways, main vertical zone boundaries in corridors), or doors leading to open decks shall be marked by LLL in accordance with International Standard. Transparent doors along the escape route need no to be marked if they are a swinging type without fixed means of escape.
- Photo luminescent systems shall be tested at the place of use in accordance with annex B of ISO 15370:2010 at least twice on each deck and the measurements shall be recorder in accordance with annex C of ISO 15370:2010.This measurement shall be repeated and recorded whenever the lighting system, wall, floor or ceiling decorations in the area are substantially changed.
- It is recommended that, at least once a year, LLL systems be tested on one deck in each main vertical zone.
- The complete installations should have their luminance tested at least once every five years.