

# LUX

The fixed PILOMAT LUX PL, LUX PF, LUX K4 and LUX K12 are designed and manufactured to combine the typical breakout resistance of fixed bollards and the lighting. The result is a bollard that contributes to the protection of pedestrian and perimetral areas, furthermore it illuminates the surrounding area.



## LUX PL - LUX PF

The fixed PILOMAT LUX PL and LUX PF are designed to be used in public or private places to light up, delimit and prevent the access or the parking to vehicles in pedestrian and perimetral areas.

LUX PL SERIES: these items, with a counter frame to wall, allow the removal of the bollard in case of need or if an impact occurs. The breakout resistance is 150,000 Joules for the 220/PL and 250,000 Joules for the 275/PL.

LUX PF SERIES: These items must be cemented into the ground. The breakout resistance is 150,000 Joules for the 220/PF and 250,000 Joules for the 275/PF.

## ANTI-TERRORISM LUX K4FB - LUX K12FB

The fixed PILOMAT LUX K4FB and LUX K12FB are designed to ensure an antiterrorism defense and to be used in public or private places to light up, delimit and prevent vehicles to tear down perimetral areas of: research centers - embassies - Police headquarters - Military bases - Ministerial Palaces - Sensitive sites.

LUX K4FB SERIES: These items must be cemented into the ground at a depth that counters the breakout resistance of 750,000 Joules.

LUX K12FB SERIES: These items must be cemented into the ground at a depth that counters the breakout resistance of 2,000,000 Joules.

|                                    | LUX 220/PF-600                                    | LUX 220/PL-600 | LUX 275/K4-700                       | LUX 275/K12-900 |
|------------------------------------|---|----------------|--------------------------------------|-----------------|
| FIXED CYLINDER                     | AISI 304 STAINLESS STEEL                          |                | AISI 304 STAINLESS STEEL COVER 1,5mm |                 |
| FIXED CYLINDER NOMINAL DIAMETER    | 220mm   |                | 275mm                                |                 |
| FIXED CYLINDER HEIGHT ABOVE GROUND | 800mm   |                | 900mm                                | 1100mm          |
| FOUNDATION DEPTH                   | 200mm   | 260mm          | 280mm                                | 425mm           |
| FIXED CYLINDER THICKNESS           | 4mm   |                | 10mm                                 | 25mm            |
| FIXED CYLINDER FINISH              | STAINLESS STEEL PAINTED - STAINLESS STEEL BRUSHED |                |                                      |                 |
| IMPACT RESISTANCE                  | 30.000 J  |                | 250.000 J                            | 700.000 J       |
| BREAKOUT RESISTANCE                | 150.000 J   |                | 750.000 J                            | 2.000.000 J     |
| POWER SUPPLY                       | 230V 50/60HZ                                      |                |                                      |                 |
| PROTECTION CLASS                   | IP66  |                |                                      |                 |

PAG.1/2

**PILOMAT**

100% MADE IN ITALY

PILOMAT s.r.l.  
 www.pilomat.com / pilomat@pilomat.com  
 Via Zanica 17/p, 24050, Grassobbio (BG) Italy  
 Tel. +39.035.29.72.20  
 Copyright 2016© Pilomat S.r.l. All rights reserved

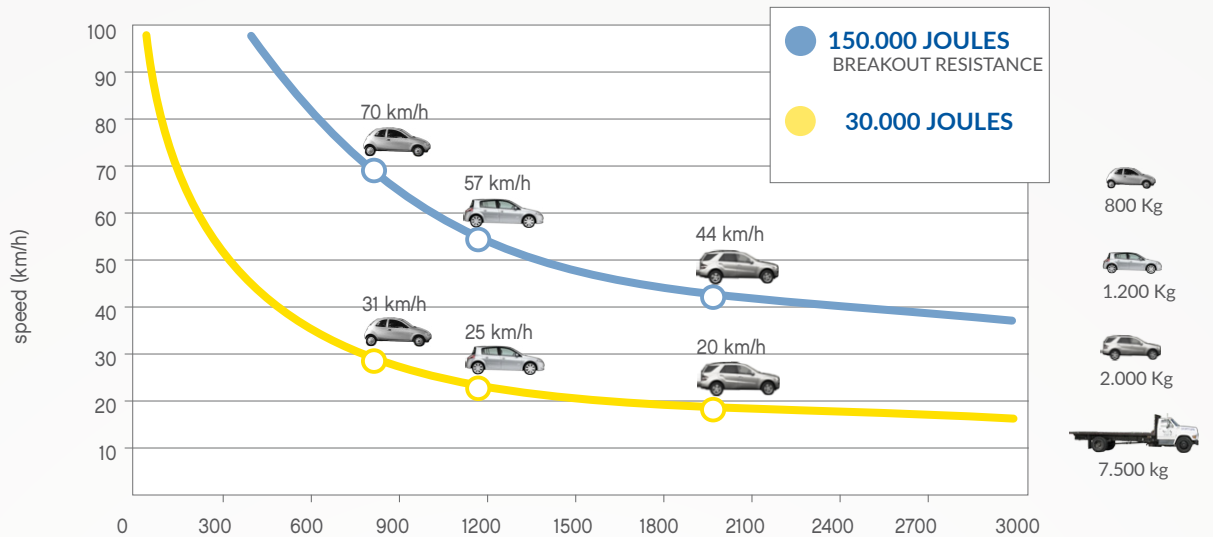
LUX\_DATASHEET.16

REVIEW 07/03/2016

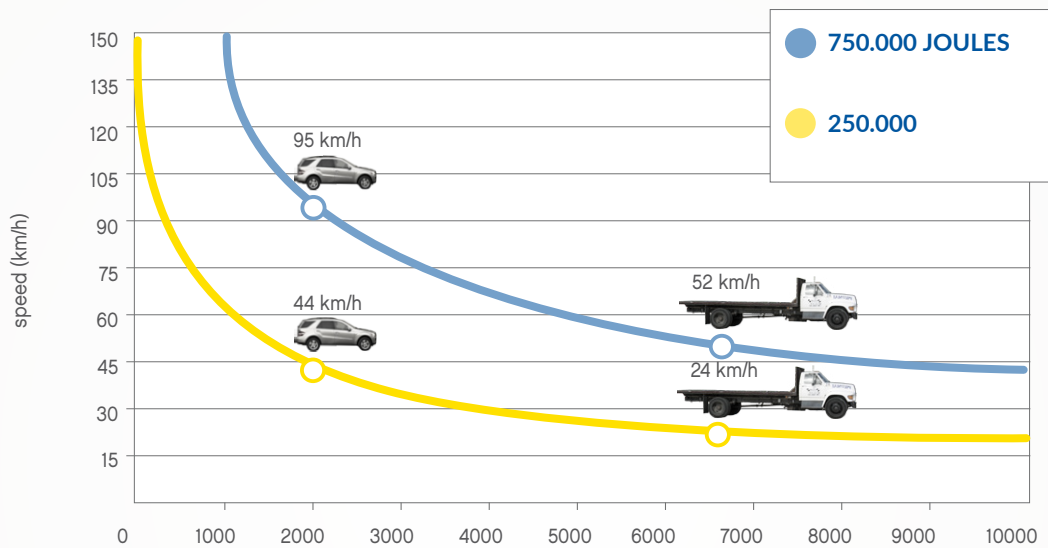
# LUX

LUX 220/PF-600

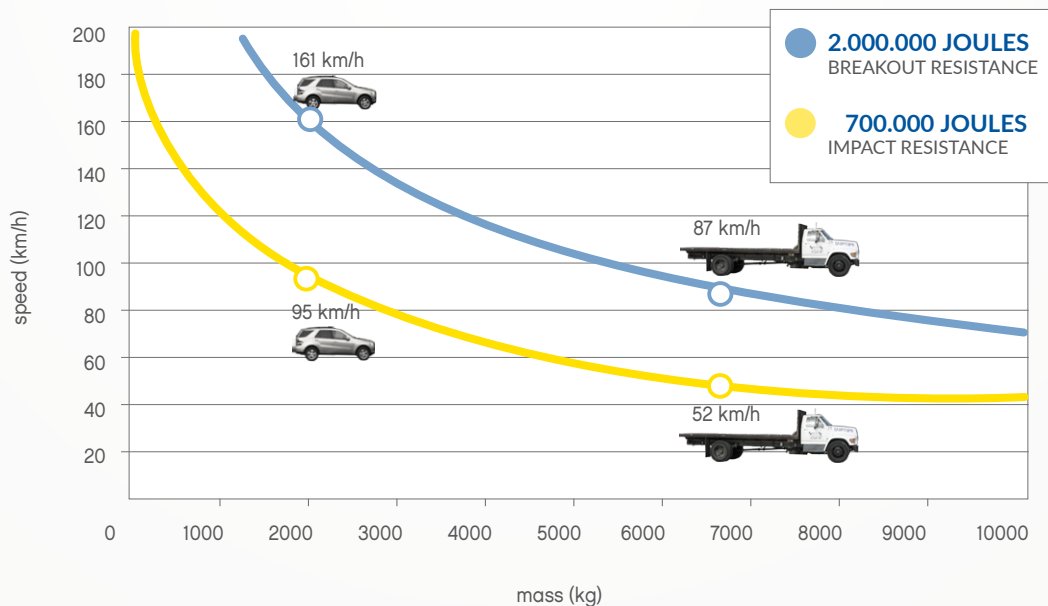
LUX 220/PL-600



LUX 275/K4-700



LUX 275/K12-900



**PILOMAT**

100% MADE IN ITALY

PILOMAT s.r.l.  
 www.pilomat.com / pilomat@pilomat.com  
 Via Zanica 17/p, 24050, Grassobbio (BG) Italy  
 Tel. +39.035.29.72.20  
 Copyright 2016© Pilomat S.r.l. All rights reserved

LUX\_DATASHEET.16

REVIEW 07/03/2016