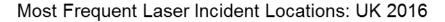
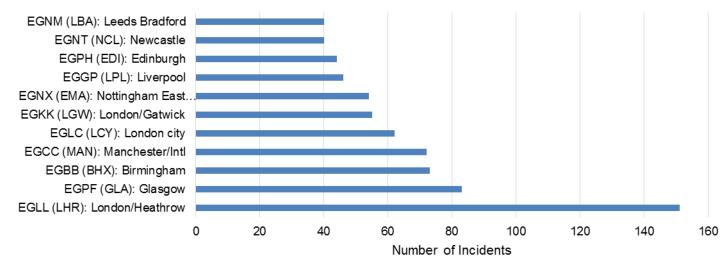
Laser Incidents reported to the UK CAA 2016 (Top 10 by Location)

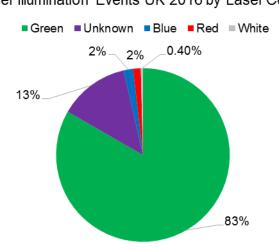




Monthly Breakdown of the Most Frequent Laser Incident Locations UK 2016*

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| EGLL (LHR): London/Heathrow | 26 | 18 | 9 | 11 | 6 | 11 | 3 | 10 | 27 | 11 | 13 | 6 | 151 |
| EGPF (GLA): Glasgow | 7 | 41 | 10 | 1 | 0 | 4 | 4 | 1 | 5 | 4 | 5 | 1 | 83 |
| EGBB (BHX): Birmingham | 9 | 4 | 4 | 4 | 1 | 2 | 3 | 12 | 11 | 6 | 12 | 5 | 73 |
| EGCC (MAN): Manchester/Intl | 8 | 8 | 16 | 7 | 2 | 1 | 5 | 3 | 9 | 5 | 3 | 5 | 72 |
| EGLC (LCY): London city | 10 | 13 | 4 | 1 | 1 | 1 | 1 | 3 | 13 | 8 | 4 | 3 | 62 |
| EGKK (LGW): London/Gatwick | 3 | 5 | 3 | 3 | 1 | 6 | 6 | 3 | 11 | 5 | 3 | 6 | 55 |
| EGNX (EMA): Nottingham East Midlands | 6 | 6 | 4 | 7 | 2 | 1 | 3 | 5 | 7 | 6 | 3 | 4 | 54 |
| EGGP (LPL): Liverpool | 6 | 7 | 1 | 0 | 1 | 1 | 2 | 5 | 8 | 9 | 2 | 4 | 46 |
| EGPH (EDI): Edinburgh | 6 | 12 | 4 | 2 | 1 | 0 | 2 | 0 | 5 | 3 | 5 | 4 | 44 |
| EGNT (NCL): Newcastle | 3 | 0 | 1 | 1 | 1 | 2 | 2 | 4 | 6 | 14 | 0 | 6 | 40 |
| EGNM (LBA): Leeds Bradford | 4 | 1 | 3 | 0 | 3 | 2 | 5 | 2 | 3 | 9 | 2 | 6 | 40 |
| EGGW (LTN): London/Luton | 2 | 1 | 2 | 3 | 3 | 1 | 3 | 5 | 1 | 3 | 4 | 3 | 31 |
| EGGD (BRS): Bristol | 0 | 0 | 0 | 0 | 7 | 1 | 3 | 0 | 4 | 2 | 1 | 0 | 18 |
| EGSS (STN): London/Stansted | 0 | 1 | 3 | 1 | 0 | 1 | 0 | 1 | 2 | 1 | 5 | 1 | 16 |
| All other UK Locations total | 43 | 35 | 33 | 22 | 19 | 21 | 39 | 55 | 59 | 51 | 60 | 36 | 1258 |

*Subject to SDD Coding Backlog



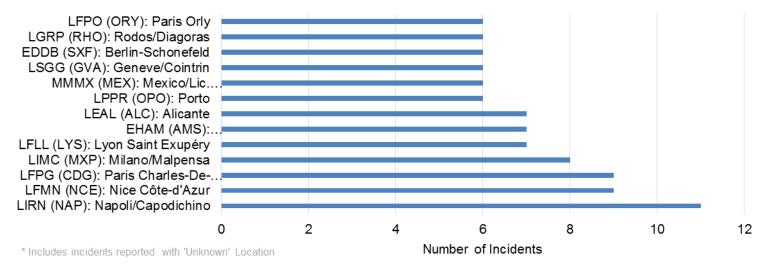
Laser Illumination Events UK 2016 by Laser Colour

 $\ensuremath{^*}$ Further investigation required to ascertain the nature of white lights

Laser Incidents reported to the UK CAA 2016

(Top 10 by Location)

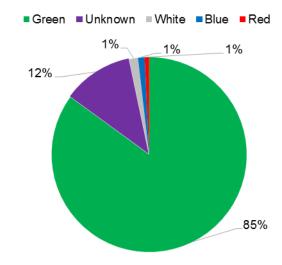
Laser Illumination Events Worldwide*2016



Monthly Breakdown of the Most Frequent Laser Incident Locations Worldwide* 2016

| | Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec T | | | | | | | | | | | Total | |
|--|---|-----|----|----|-----|----|----|----|----|----|----|-------|-----|
| | | 100 | | | May | J | J | | | | - | | |
| LIRN (NAP): Napoli/Capodichino | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 4 | 0 | 0 | 0 | 2 | 11 |
| LFMN (NCE): Nice Côte-d'Azur | 1 | 0 | 2 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 9 |
| LFPG (CDG): Paris Charles-De-Gaulle | 1 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 9 |
| LIMC (MXP): Milano/Malpensa | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 1 | 0 | 8 |
| EHAM (AMS): Amsterdam/Schiphol | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 7 |
| LEAL (ALC): Alicante | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 3 | 0 | 0 | 7 |
| LFLL (LYS): Lyon Saint Exupéry | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 7 |
| LSGG (GVA): Geneve/Cointrin | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 6 |
| LPPR (OPO): Porto | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 6 |
| MMMX (MEX): Mexico/Lic. Benito Juarez Intl | 0 | 4 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| EDDB (SXF): Berlin-Schonefeld | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 6 |
| LFPO (ORY): Paris Orly | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 6 |
| LGRP (RHO): Rodos/Diagoras | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 1 | 0 | 0 | 6 |
| LEMG (AGP): Malaga | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 5 |
| All other WW Locations total | 8 | 11 | 11 | 12 | 7 | 16 | 21 | 25 | 17 | 15 | 11 | 8 | 261 |

* Includes incidents reported with 'Unknow n' location



Laser Illumination Events Worldwide* 2016 by Laser Colour

* Includes incidents reported with 'Unknown' Location

** Further investigation required to ascertain the nature of white lights

Laser Incidents Reported to the UK CAA 2009 – 2016

| | Laser Incidents UK | | | | | | | | | | | | | |
|------|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--|
| | Jan | Feb | Mar | Apr | Мау | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | |
| 2009 | 23 | 34 | 34 | 37 | 30 | 33 | 57 | 86 | 118 | 146 | 96 | 52 | 746 | |
| 2010 | 69 | 49 | 68 | 65 | 59 | 72 | 160 | 228 | 290 | 252 | 127 | 61 | 1500 | |
| 2011 | 111 | 92 | 109 | 142 | 90 | 84 | 147 | 278 | 314 | 254 | 162 | 129 | 1912 | |
| 2012 | 130 | 104 | 125 | 76 | 53 | 50 | 107 | 215 | 245 | 198 | 160 | 108 | 1571 | |
| 2013 | 102 | 88 | 49 | 66 | 62 | 57 | 125 | 245 | 168 | 176 | 148 | 110 | 1396 | |
| 2014 | 88 | 95 | 126 | 68 | 66 | 69 | 147 | 209 | 156 | 184 | 131 | 108 | 1447 | |
| 2015 | 107 | 86 | 90 | 67 | 62 | 58 | 119 | 198 | 190 | 170 | 155 | 138 | 1440 | |
| 2016 | 133 | 152 | 97 | 63 | 48 | 55 | 81 | 109 | 171 | 137 | 122 | 90 | 1258 | |

| | Laser Incidents Involving UK Operators Overseas | | | | | | | | | | | | | |
|------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--|
| | Jan | Feb | Mar | Apr | Мау | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | |
| 2009 | 2 | 3 | 5 | 3 | 8 | 7 | 9 | 18 | 15 | 10 | 19 | 26 | 125 | |
| 2010 | 19 | 9 | 21 | 24 | 17 | 30 | 33 | 56 | 34 | 19 | 15 | 9 | 286 | |
| 2011 | 13 | 3 | 14 | 29 | 19 | 23 | 48 | 91 | 65 | 30 | 17 | 14 | 366 | |
| 2012 | 14 | 7 | 14 | 6 | 12 | 20 | 29 | 49 | 28 | 20 | 12 | 7 | 218 | |
| 2013 | 17 | 23 | 25 | 17 | 15 | 31 | 53 | 59 | 28 | 32 | 12 | 17 | 329 | |
| 2014 | 10 | 16 | 13 | 21 | 19 | 25 | 44 | 67 | 45 | 29 | 16 | 12 | 317 | |
| 2015 | 16 | 10 | 22 | 22 | 17 | 40 | 37 | 71 | 47 | 34 | 20 | 19 | 355 | |
| 2016 | 15 | 23 | 18 | 18 | 17 | 23 | 32 | 46 | 24 | 24 | 18 | 16 | 274 | |

Includes incidents reported with 'Unknown' location