1 led

Luz ambiente ~184

Aumentou 103 atenuou 86 em 60cm

diferenca entre luz ambiente e 60cm 17

Com flash celular

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 287 | 245 | 240 | 230 | 220 | 215 | 213 | 210 | 207 | 205 | 203 | 202 | 201 |

2 leds paralelos

Luz ambiente ~200

Aumentou 80 atenuou 63 em 60cm

diferenca entre luz ambiente e 60cm 17

Com flash celular

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 280 | 264 | 251 | 242 | 236 | 231 | 228 | 225 | 223 | 221 | 220 | 218 | 217 |

2 leds serie

Luz ambiente ~410

Aumentou 160 atenuou 129 em 60cm

diferenca entre luz ambiente e 60cm 31

Com flash celular

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 570 | 530 | 504 | 488 | 475 | 468 | 462 | 457 | 453 | 449 | 446 | 444 | 441 |

Tx - Rx

1 led - 1 led

Luz ambiente ~184

Aumentou **103** atenuou **86** em 60cm

diferenca entre luz ambiente e 60cm **17**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 265 | 231 | 218 | 211 | 206 | 201 | 198 | 196 | 194 | 194 | 192 | 191 | 190 |

Tx - Rx

2 leds serie - 1 led

Luz ambiente ~184

Aumentou 80 atenuou 63 em 60cm

diferenca entre luz ambiente e 60cm 17

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

2 leds serie

Luz ambiente ~410

Aumentou 160 atenuou 129 em 60cm

diferenca entre luz ambiente e 60cm 31

Com flash celular

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 570 | 530 | 504 | 488 | 475 | 468 | 462 | 457 | 453 | 449 | 446 | 444 | 441 |

Tx - Rx

1 led - 1 led

Luz ambiente ~184

Aumentou **103** atenuou **86** em 60cm

diferenca entre luz ambiente e 60cm **17**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 260 | 230 | 217 | 209 | 204 | 200 | 197 | 195 | 194 | 192 | 191 | 190 | 190 |

Tx - Rx

2 leds serie - 1 led

Luz ambiente ~184

Aumentou 80 atenuou 63 em 60cm

diferenca entre luz ambiente e 60cm 17

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 261 | 240 | 225 | 216 | 210 | 206 | 202 | 200 | 198 | 196 | 194 | 193 | 192 |

Tx - Rx

2 leds paralelos - 1 led

Luz ambiente ~184

Aumentou 80 atenuou 63 em 60cm

diferenca entre luz ambiente e 60cm 17

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |