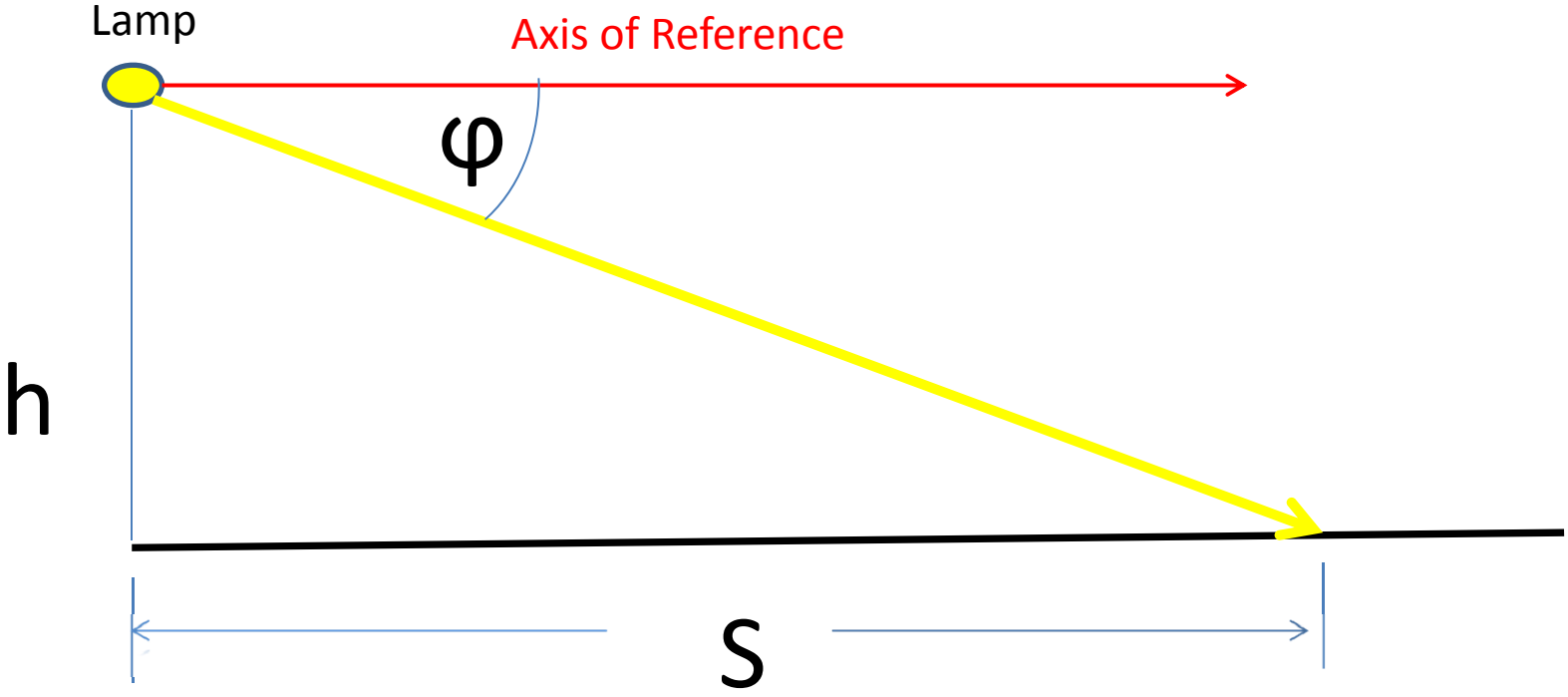


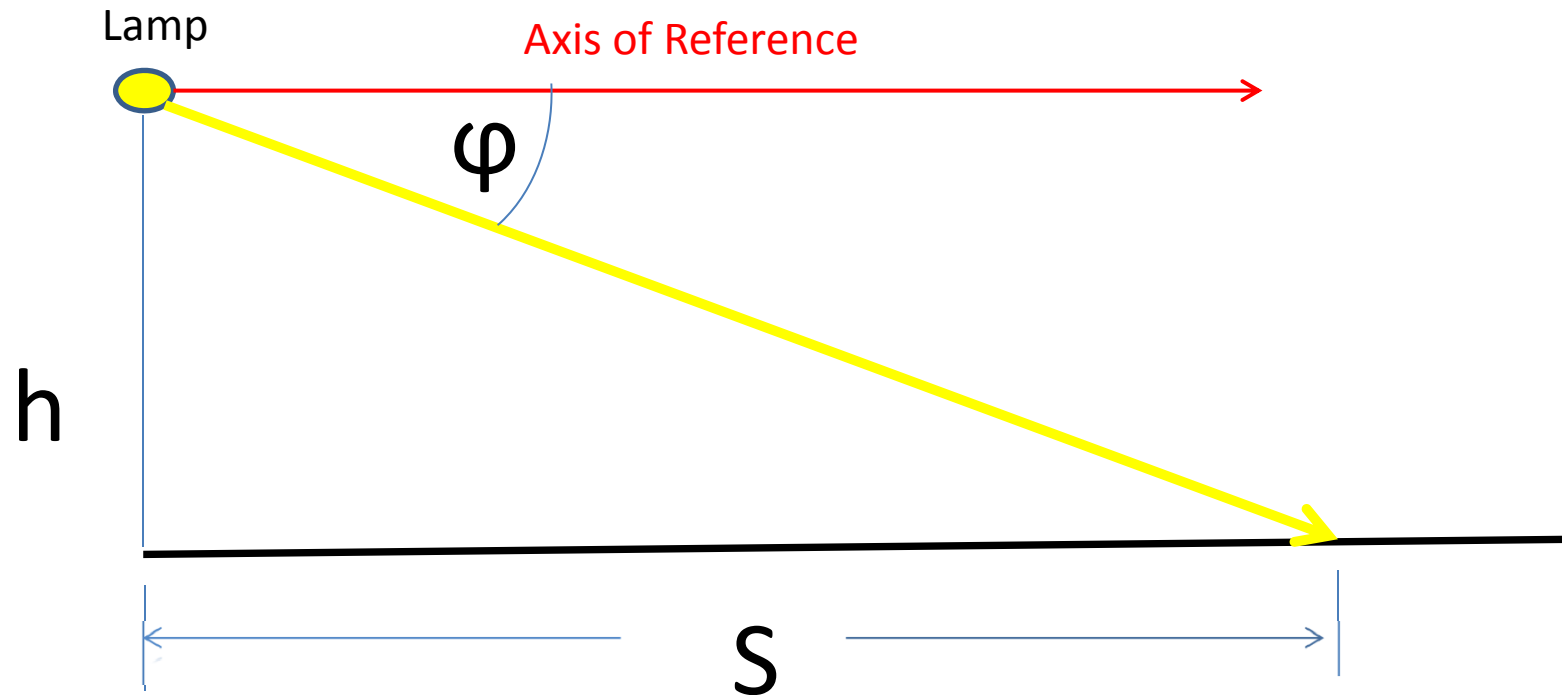
Reversing Lamp

**Mounting positions above 1.2 m**

# Geometrical Arrangement



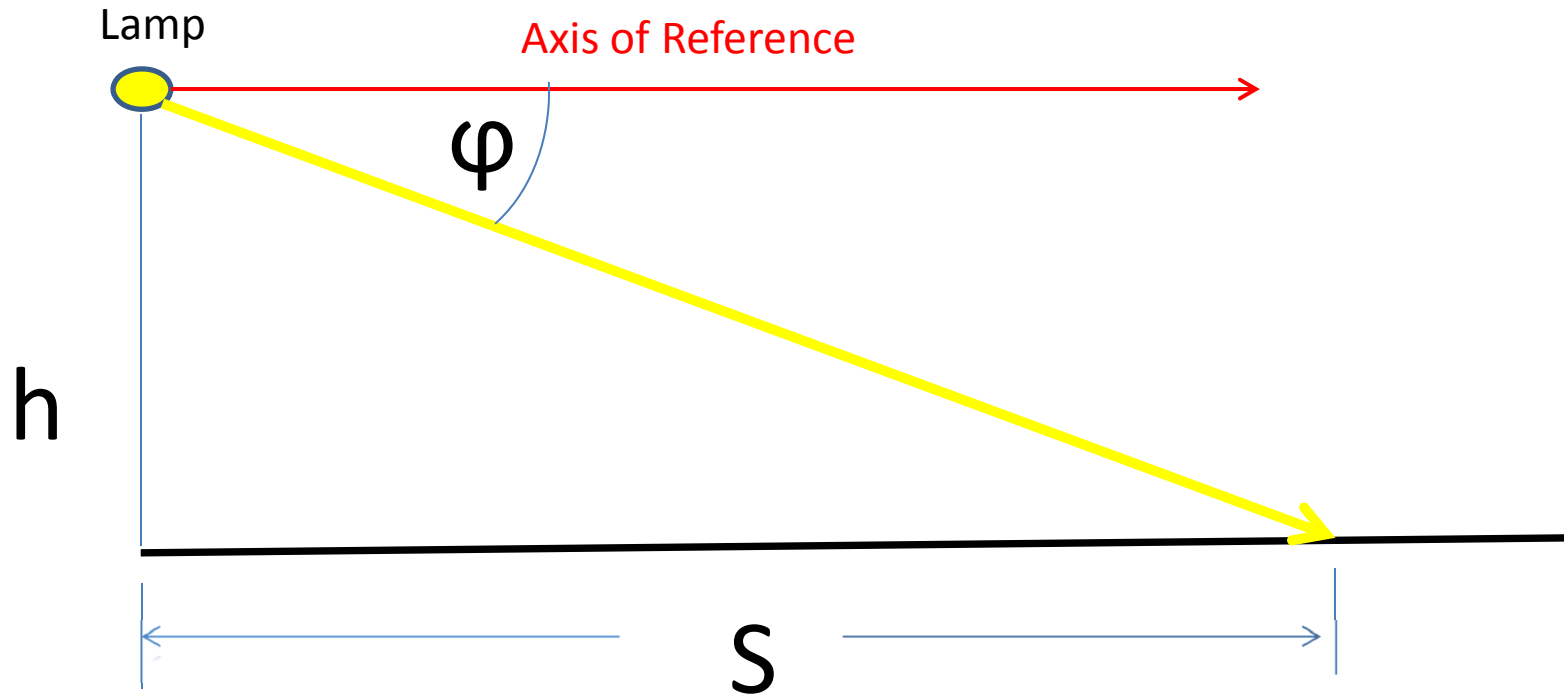
# Geometrical Arrangement



For  $h = 1.2\text{m}$  and  $\varphi = 5^\circ$  follows  $S = 13.7\text{m} \rightarrow I_{\text{max}} = 600\text{cd}$

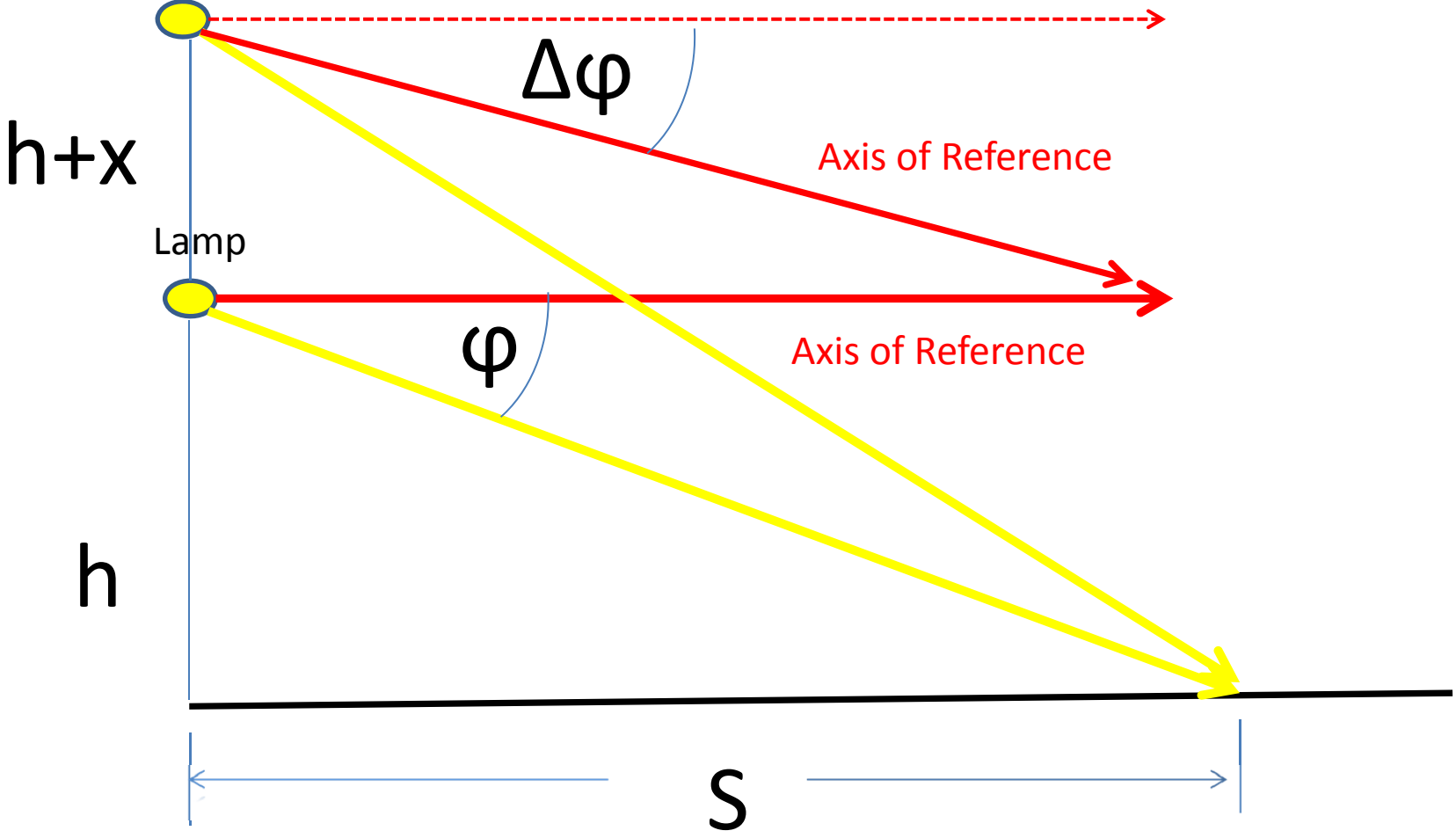
For  $h = 1.2\text{m}$  and  $\varphi = 8^\circ$  follows  $S = 8.5\text{m} \approx \text{Max Intensity}$

# Geometrical Arrangement

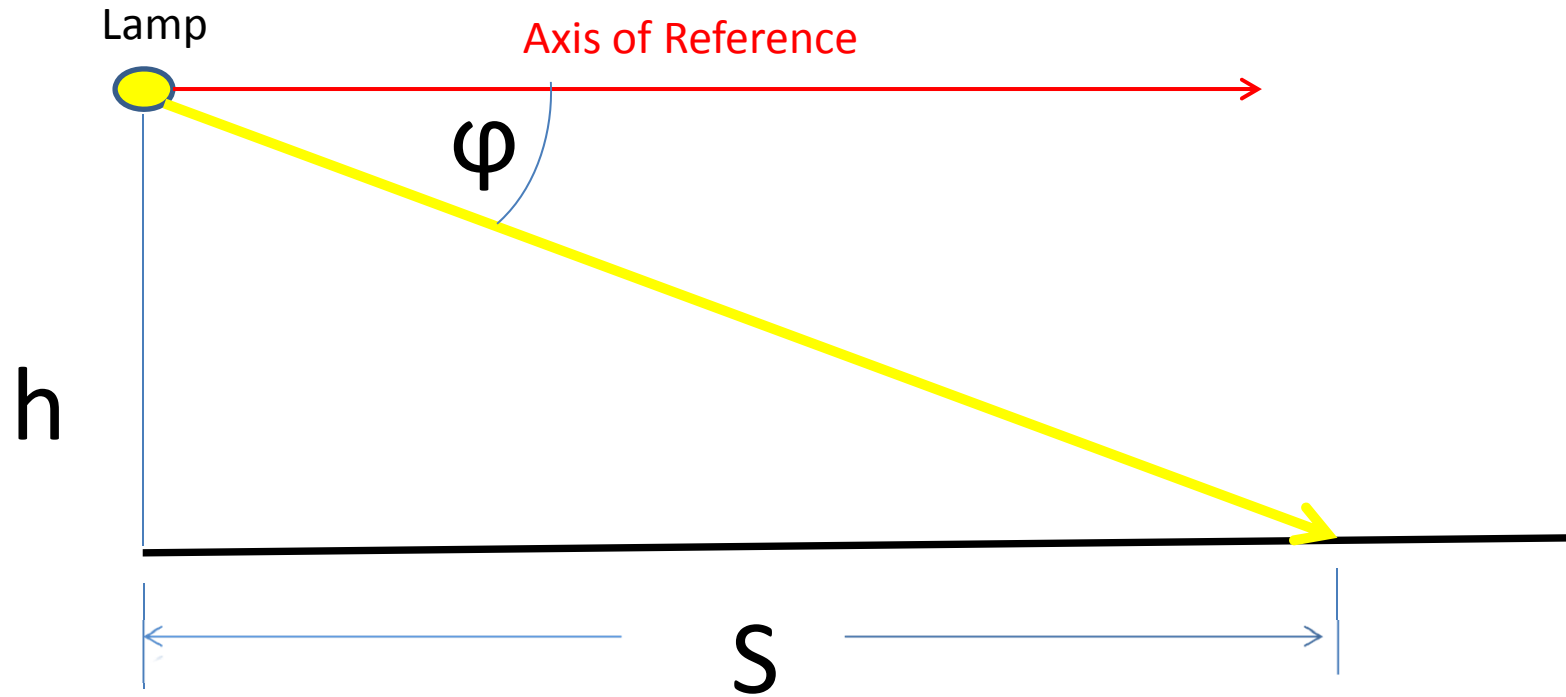


	$S = 13.7$ m		$S = 8.5$ m	
$h$ (m)	$\varphi$	$\varphi - 5^\circ$	$\varphi$	$\varphi - 8^\circ$
1.2	$5^\circ$	$0^\circ$	$8^\circ$	$0^\circ$
2.0	$8.3^\circ$	$3.3^\circ$	$13.2^\circ$	$5.2^\circ$
3.0	$12.4^\circ$	$7.4^\circ$	$19.4^\circ$	$11.4^\circ$
4.0	$16.3^\circ$	$11.3^\circ$	$25.2^\circ$	$17.2^\circ$

# Geometrical Arrangement

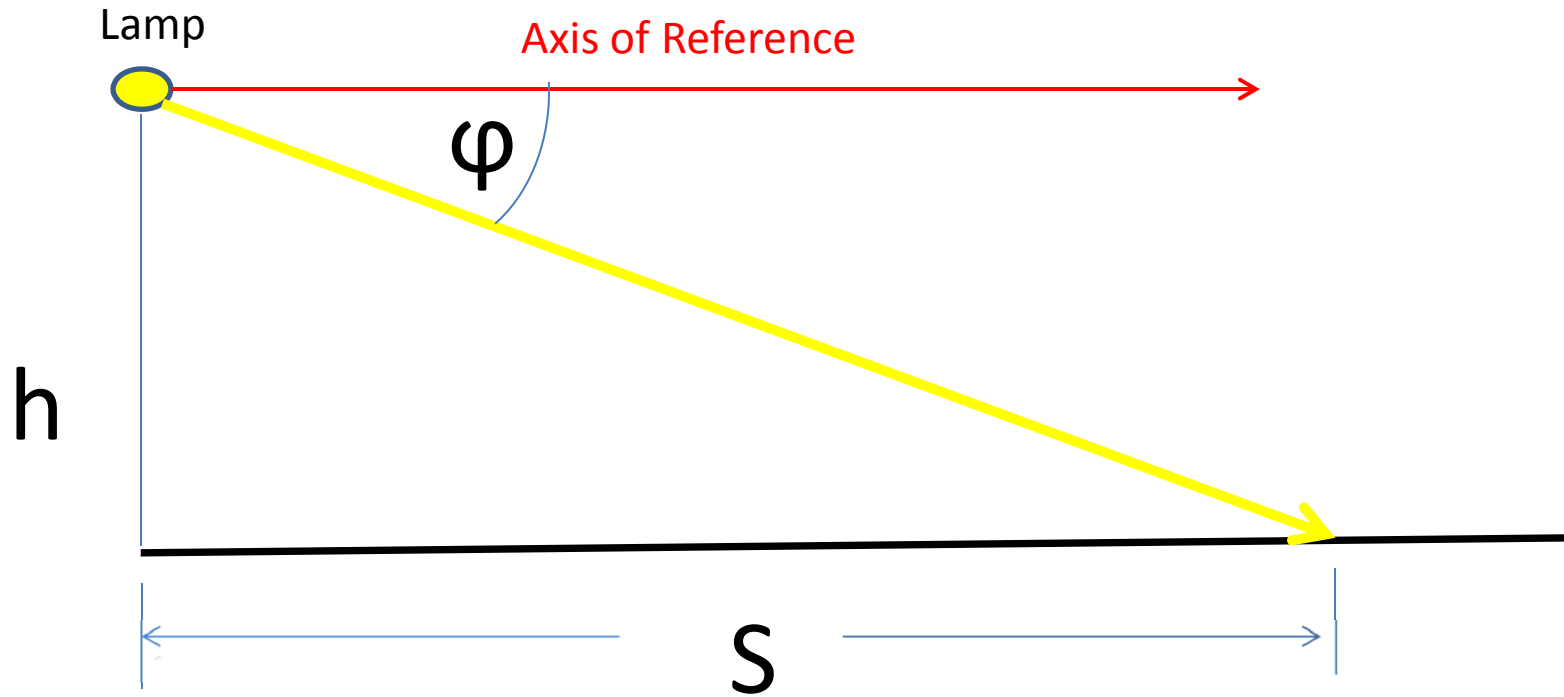


# Geometrical Arrangement



	$S = 15\text{m}$	$\Delta\varphi$
$h$ (m)	$\varphi$	$\varphi - 5^\circ$
1.2	$-0.5^\circ$	-
2.0	$7.6^\circ$	$2.6^\circ$
3.0	$11.3^\circ$	$6.3^\circ$
4.0	$14.9^\circ$	$9.9^\circ$

# Geometrical Arrangement



	$S = 15\text{m}$		$S = 15\text{ m}$	For $\Delta\varphi$
$h$ (m)	$\varphi$	$\varphi - 5^\circ$	$\Delta\varphi$	$S$ (m)
1.2	$0^\circ$	$0^\circ$	$0^\circ$	13.7
0 - 2.0	$7.6^\circ$	$2.6^\circ$	$0^\circ$	22.9
2.0 - 3.0	$11.3^\circ$	$6.3^\circ$	$3^\circ$	21,3
3.0 - 4.0	$14.9^\circ$	$9.9^\circ$	$6^\circ$	20,6

# Geometrical Arrangement

	S = 15m		S = 15 m	For $\Delta\varphi$
h (m)	$\varphi$	$\varphi - 5^\circ$	$\Delta\varphi$	S (m)
1.2	$0^\circ$	$0^\circ$	$0^\circ$	13.7
0 - 2.0	$7.6^\circ$	$2.6^\circ$	$0^\circ$	22.9
2.0 - 3.0	$11.3^\circ$	$6.3^\circ$	$3^\circ$	21,3
3.0 - 4.0	$14.9^\circ$	$9.9^\circ$	$6^\circ$	20,6

## 6.4.4. Position

...

- 6.4.4.2. In height: not less than 250 mm and not more than 1,200 mm above the ground. **However, if the shape , structure, design or operational conditions of the vehicle makes it impossible to keep the lamp within 1,200 mm it is allowed to increase the height up to 4,000 mm .** In the latter case the lamp shall be installed with an downwards inclination of **at least  $3^\circ$  for a mounting height larger than 2,000 mm and not more than 3,000 mm and at least  $6^\circ$  for a mounting height larger than 3,000 mm and not more than 4,000 mm. No inclination is needed for mounting height up to 2,000 mm.**