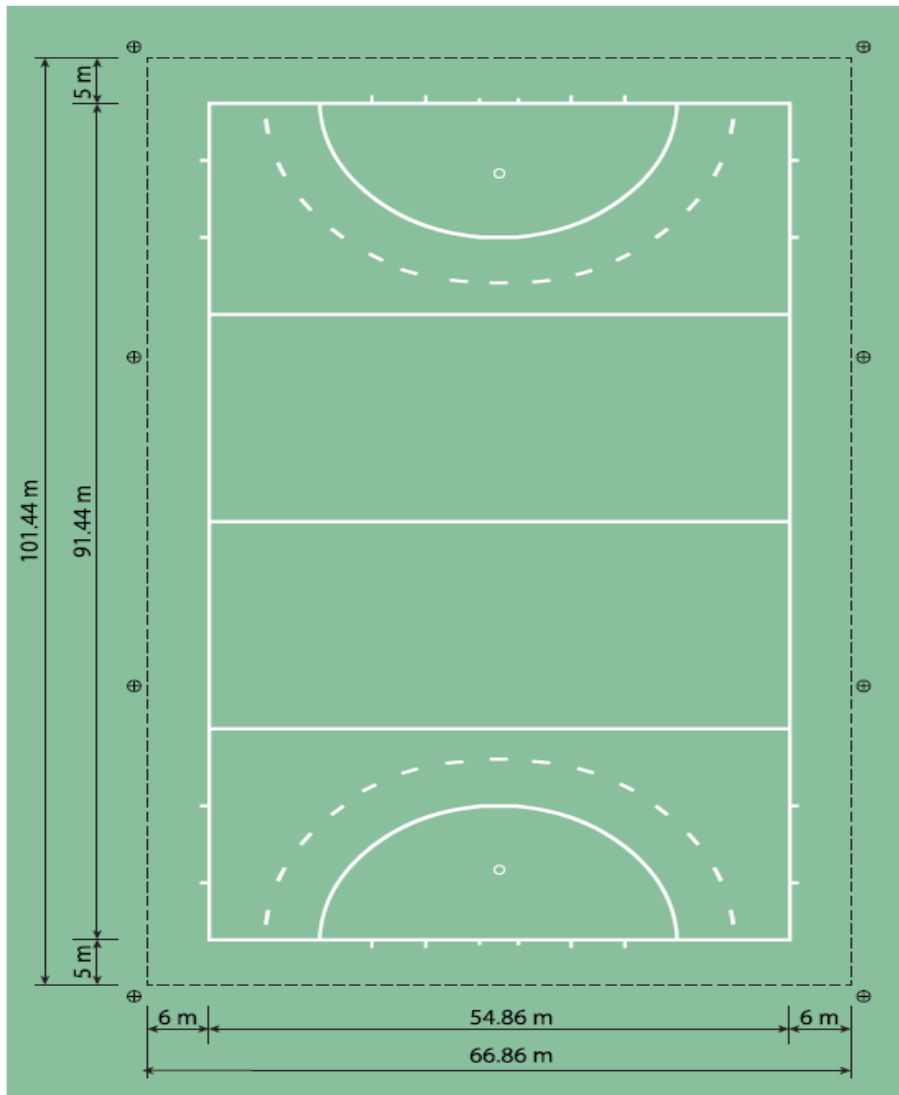


BADRY LIGHTING GUIDE OF HOCKEY PITCHES



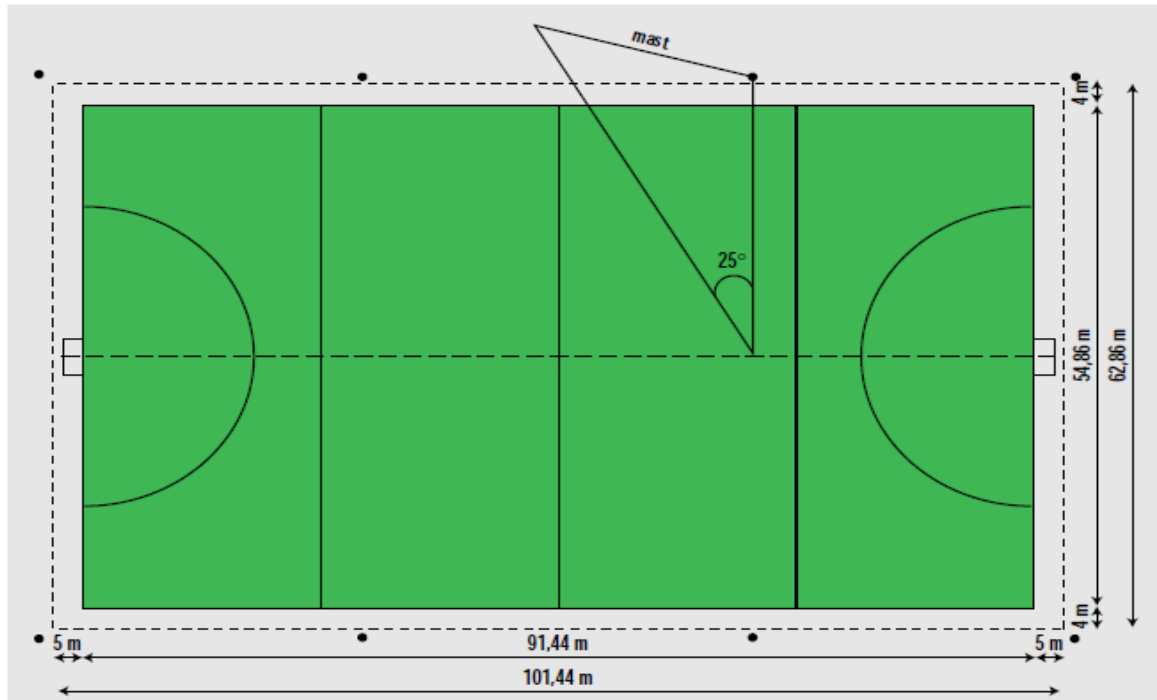


Figure 3a:

Pole arrangement for 8 masts

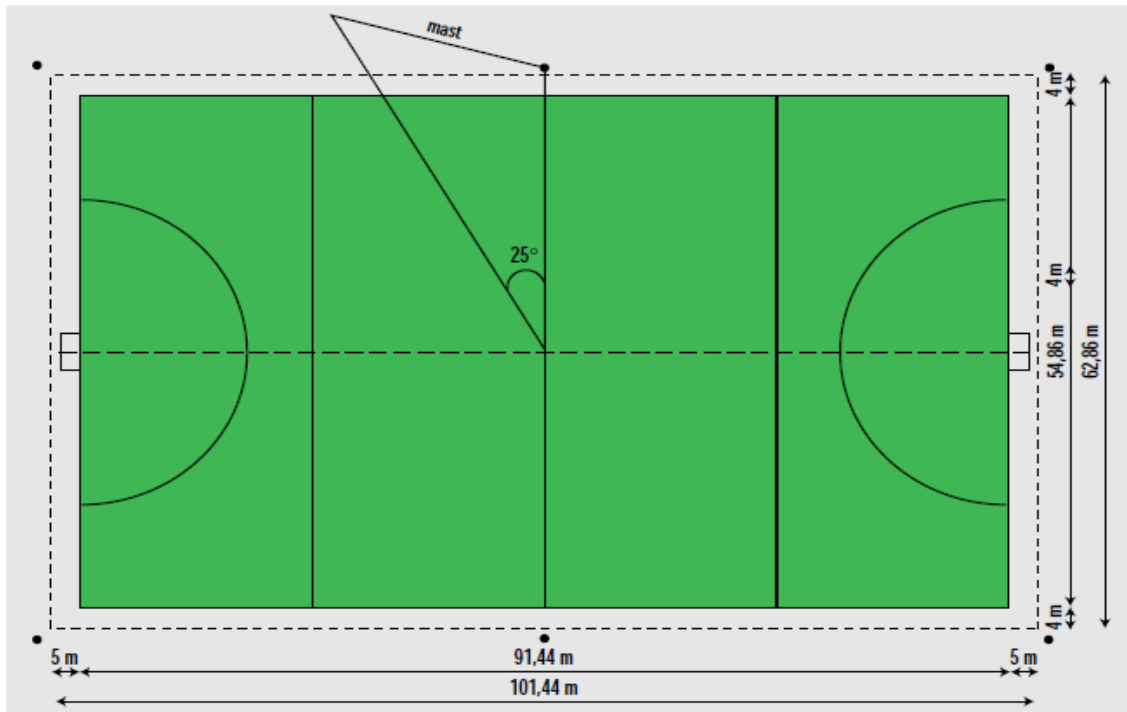


Figure 3b:

Pole arrangement for 6 masts

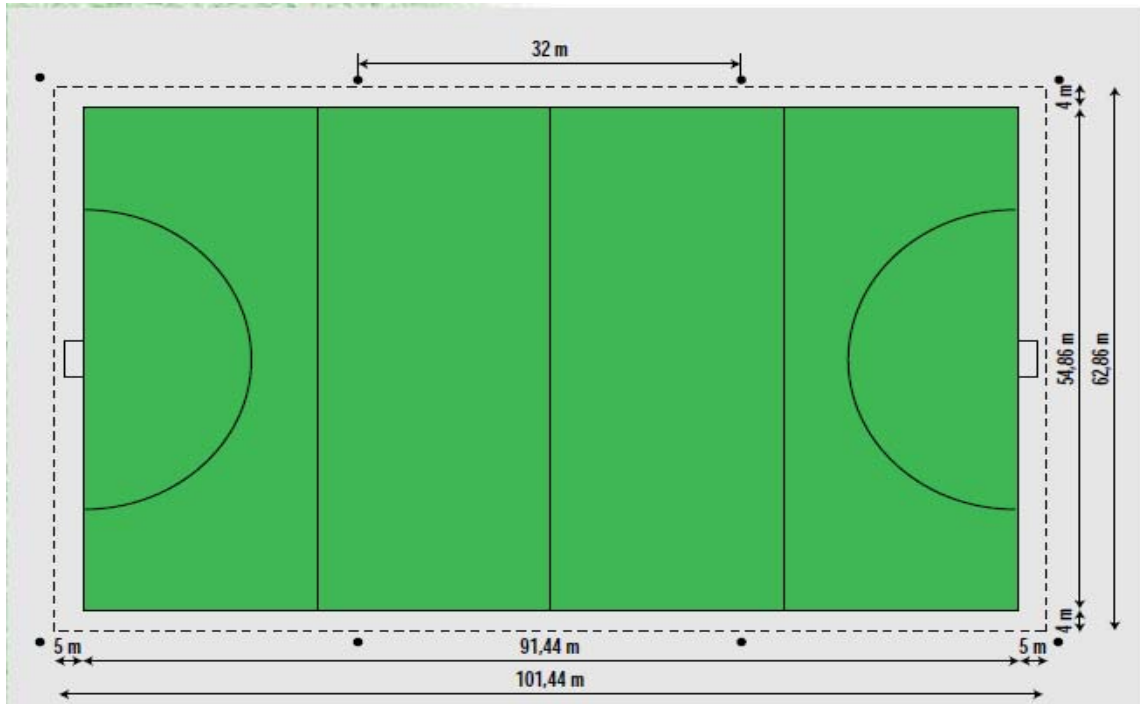


Figure 5:
Side arrangement

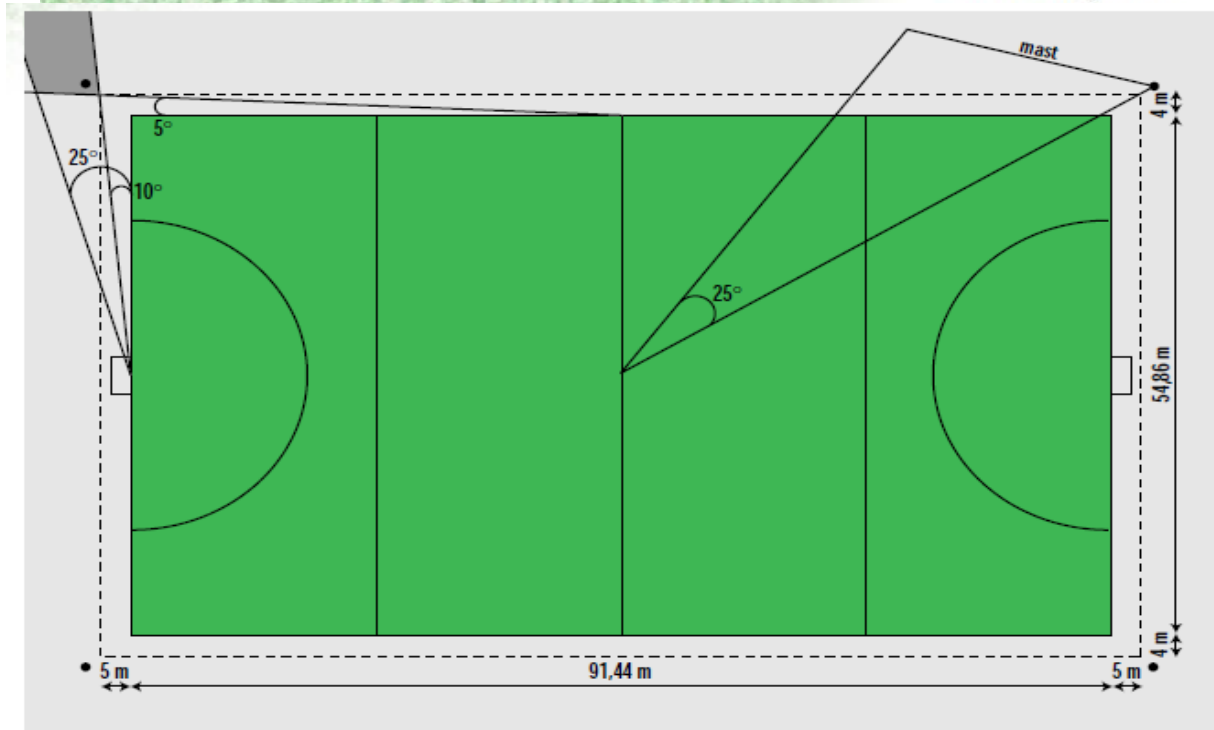


Figure 6:
Four-corner arrangement

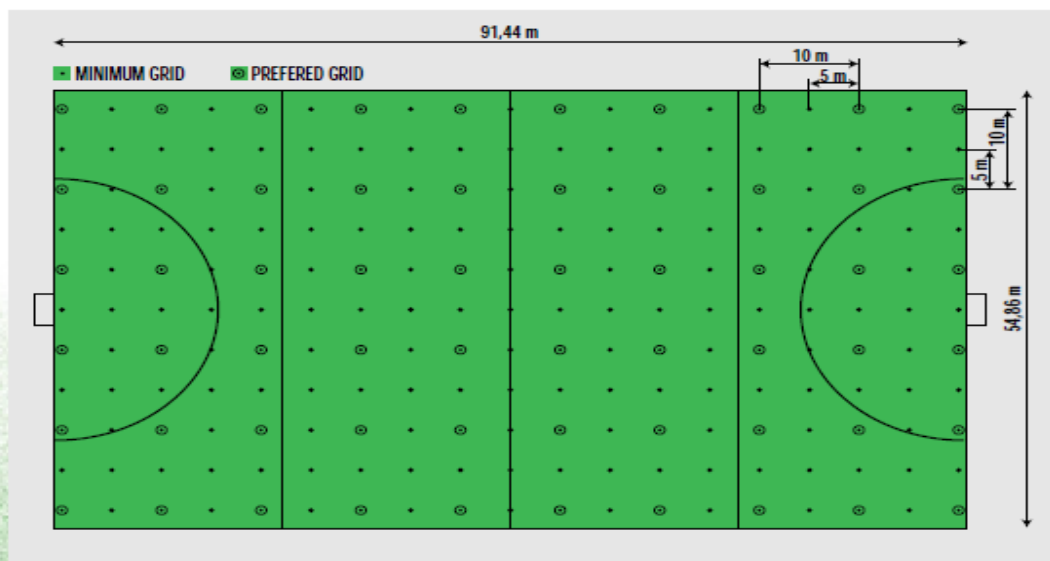


Figure 7:

The grid points for the preferred (•) and the acceptable minimum number of grid points (⊙)

The Recommendations

Below are the recommendations for indoor and outdoor hockey venues which include recommendations for:

- Non-competitive including physical education: Class III.
- Ball training as well as junior and low grade club competitions: Class II.
- High grade national club and international competition: Class I.
- Televised events divided into regional, national and international levels of competition.

	Activity	Eh maint lux	Ev maint lux	horizontal		vertical		GR max	Ra min	Tk*
				U1	U2	U1	U2			
Non-Televised	Class III	>200	n/a	>0.5	>0.7	n/a	n/a	<55	>65	>4000
	Non-competitive including physical training									
	Class II	>250	n/a	>0.5	>0.7	n/a	n/a	<50	>65	>4000
	Ball training as well as junior and low grade clubs competitions									
	Class I	>500	n/a	>0.5	>0.7	n/a	n/a	<50	>65	>4000
High grade national club and international competition										
Televised	Regional	800-1000	>750	>0.65	>0.7	>0.65	>0.7	<50	>65	>4000
	National	1500-3000	>1400	>0.65	>0.7	>0.65	>0.7	<50	>65	>4000
	International	1500-3000	>2000	>0.7	>0.8	>0.65	>0.8	<50	>65	>4000

U1 = Minimum/Maximum illuminance

U2 = Minimum/Average illuminance

* The same colour temperature lamps should be used for a venue

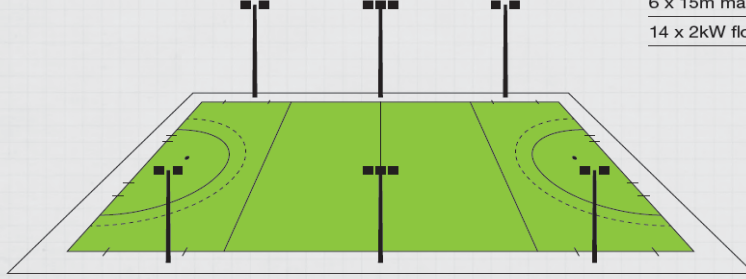
HLC3

Class III (training standard)

200 Lux Maintained

6 x 15m masts

14 x 2kW floodlights

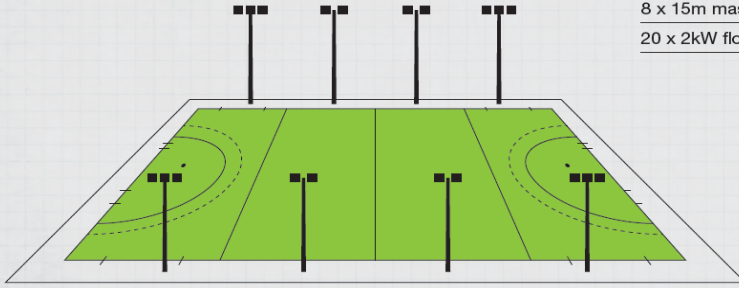
**HLC2**

Class II

300 Lux Maintained

8 x 15m masts

20 x 2kW floodlights

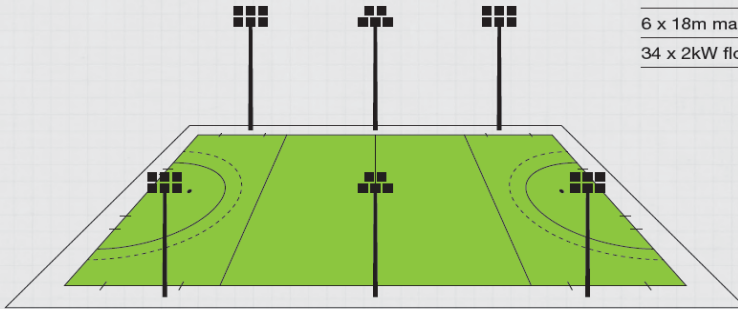
**HLC1 v1**

Class I

500 Lux Maintained

6 x 18m masts

34 x 2kW floodlights

**HLC1 v2**

Class I

500 Lux Maintained

8 x 15m masts

32 x 2kW floodlights

