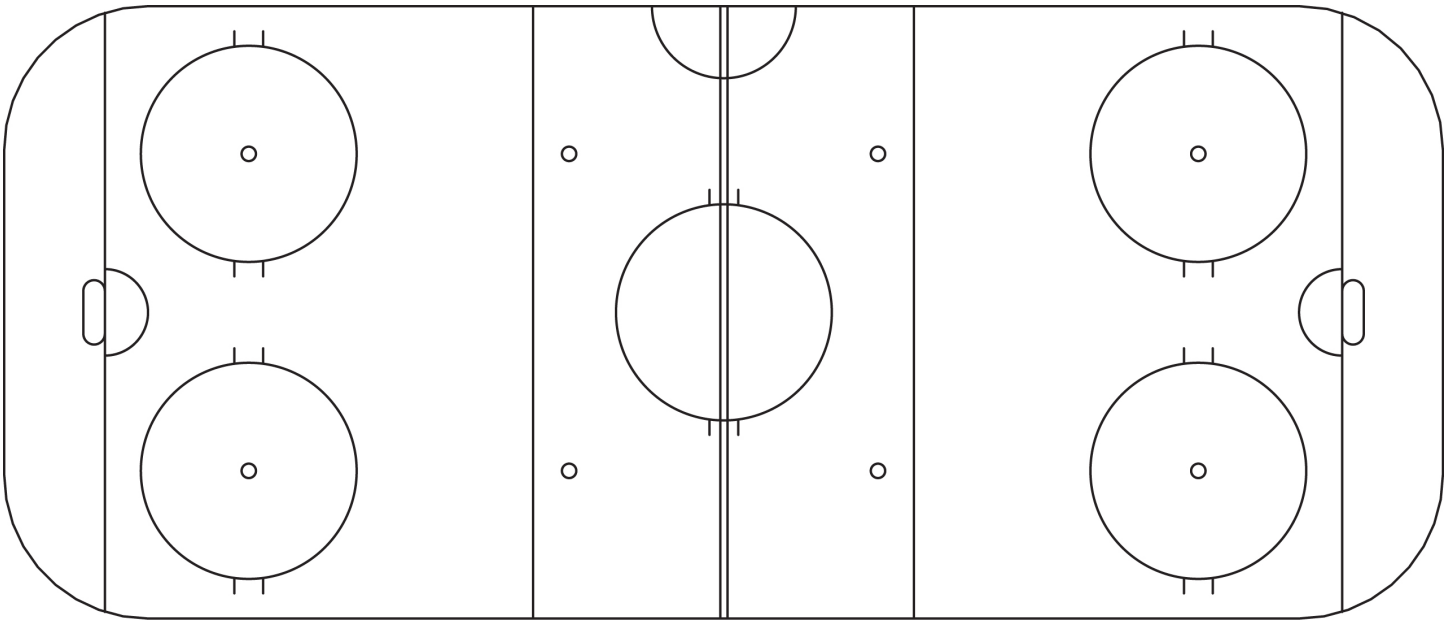


Best Lighting Practices: Ice Hockey/Roller Hockey *Standard Intercollegiate Play*

Summary: Following these recommended best practices will help ensure quality of light needed for the safety of participants and the enjoyment of spectators, as required.

Horizontal light levels: 100 footcandles
Horizontal uniformity: 2.5:1
Grid spacing: 14 ft x 14 ft

Typical facility layout:



1. For new facilities or upgrades, it is recommended to consult a lighting professional for optimal luminaire placement and catwalk locations.
2. As a general rule, due to mounting heights, lower wattage luminaires are used, commonly 1000 watt.

	Light Levels			Uniformity Ratios		
	Horizontal Footcandles	Vertical Footcandles (to center main side camera)	Verticle Footcandles (to end line camera)	Horizontal	Vertical (to main camera)	Vertical (to end lin camera)
NCAA Standard Collegiate	100	-	-	2.5:1	-	-
NCAA Regional Broadcast	100	75	45	2.0:1	2.0:1	-
NCAA National Broadcast	125	125	75	1.5:1	1.5:1	2.5:1
High School Class I	50	-	-	-	-	-
High School Class II	50	-	-	-	-	-
High School Class III	50	-	-	-	-	-
High School Class IV	50	-	-	-	-	-
High School Class V	50	-	-	-	-	-

All High School Footcandle levels are based on Illuminations Engineering (IES) standards.