

BADRY LIGHTING GUIDE OF MULTIPLE COURTS

2.4. Recreational Multiple Basketball Court Layout:

The following diagram represents a recreational multiple court layout and dimensions.

- The runoff area around the outside perimeter of the court to be not less than 3.05m.
- Shelters, lighting or any other objects that could create a trip hazard are not to encroach within this area.
- The shared runoff area between the sidelines of adjoining courts is shown as a minimum of 4.00m Shelters.
- lighting or any other objects that could create a trip hazard are not to encroach within this area.
- Where a shelter or structure is to be positioned between the two courts then the space between the courts will need to be a minimum of 6.10m (i.e. 3.05m on either side of the structure) plus an additional (variable width) area to accommodate the actual structure itself and or future-proofing for covered courts.
- Where adjoining courts require light poles, benches or similar to be placed in the area between sidelines, then a minimum runoff area of 3.05m must be provided for between the physical objects and the sideline of each of the courts.
- For courts laid end-to-end it is strongly recommended that a fence be installed between the courts to prevent balls moving between courts and creating a safety issue. This fencing must be outside of the runoff area, which is a minimum of 3.05m from the sideline.
- The objective of all layouts shown is to provide for the safety of the players, umpires and spectators.
- In an ideal scenario an ingress and egress area of at least 2.00m in width should be provided between the runoff areas of adjoining courts to allow for pedestrian movement between courts. However, **BADRY** recognize that this may not be possible for all scenarios and will consider the proposed dimensions between courts on a case by case basis.
- When planning for a court layout of more than 8 courts, consideration should be given to how the ingress and egress areas provide for the movement of spectators to their intended destination. Layouts should be designed to eliminate the concentration of pedestrian traffic along a singular route.

Recreational Basketball Recommended Illuminance Levels & Classes:

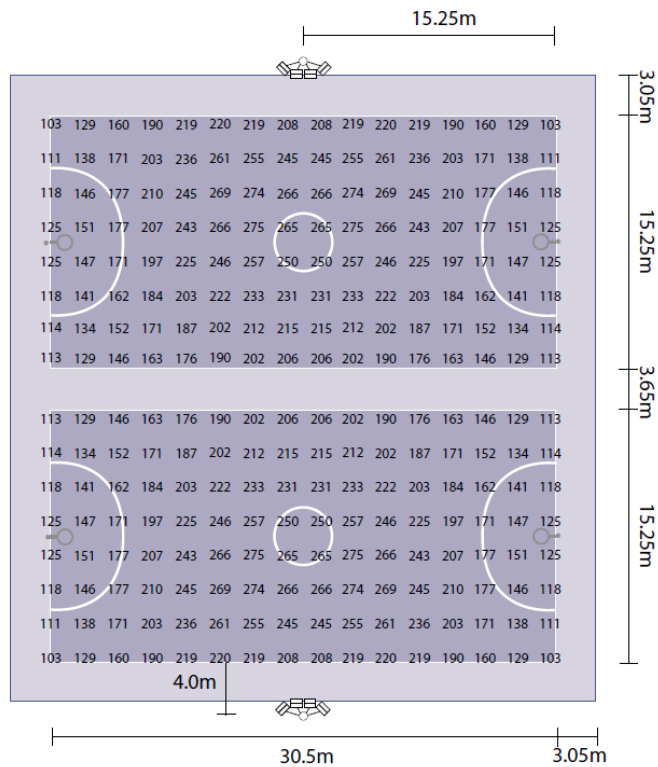
Player	Amateurs / Skills Trainers			Juniors / Semi-Professionals		Professionals	
	Court Yards	High Schools	Colleges	Yoth Centers	L.G Clubs	Training	Competition
Class	Class VII	Class VI	Class V	Class IV	Class III	Class II	Class I
LUX (HZ)	50 - 100	100 - 150	150 - 200	200 - 250	250 - 350	350 - 500	600 - 750
FC (HZ)	05 - 10	10 - 15	15 - 20	20 - 25	25 - 35	35 - 50	60 - 75



Multiple (4) Basketball Court Layout

Netball twin court lighting guide

Training – 100 lux



Design summary

Level of play	Training
Average lux	190
Number of lamps	8
Number of poles	2
Pole height	12m
Type of floodlight used	1kW symmetrical beam

Twin (2) Basketball Court Lighting Study (100 Lux)