

## LIGHTING CRITERIA FOR OUTDOOR CRICKET

## Lighting Criteria for Non-televised Matches

HORIZONTAL ILLUMINANCE (MAINTAINED)*						
CLASS	SQUARE			OUTFIELD		
	AVERAGE LUX	UNIFORMITIES		AVERAGE LUX	UNIFORMITIES	
		E <sub>min</sub> /E <sub>ave</sub> , U1	E <sub>min</sub> /E <sub>max</sub> , U2		E <sub>min</sub> /E <sub>ave</sub> , U1	E <sub>min</sub> /E <sub>max</sub> , U2
I	750	0.7	0.5	500	0.5	0.4
II	500	0.7	0.5	300	0.5	0.4
III	300	0.5	0.5	200	0.3	0.3
MINIMUM COLOUR RENDERING, RA8			MAXIMUM UNIFORMITY GRADIENT, UG		MAXIMUM GLARE RATING, GR	
>65; preferable** >90			20% per 5m		50 <sup>†</sup>	

\* Values of illuminance measured at the time of commissioning an installation (i.e. "day one") should be greater than the maintained illuminance values shown above – see maintenance clause. A nominal maintenance factor of 0.8 is recommended, the initial values will therefore be 1.25 times the values shown in the tables.

\*\* If future upgrading to a level suitable for television broadcasting is intended or likely; the selection of light sources with CRI Ra<sub>≥</sub>90 should be considered.

† GR should be ≤40 for each batsman in direction of view towards the opposite wicket.

Source: IESANZ Lighting Guide for Outdoor Cricket LG - 4.01 : Table 1

## Lighting Criteria for Cricket Training and Match Practice

LEVEL OF PLAY	AVERAGE HORIZONTAL ILLUMINANCE (MAINTAINED), LUX	UNIFORMITIES		MINIMUM COLOUR RENDERING, Ra8	MINIMUM GLARE RATING, GR
		E <sub>min</sub> /E <sub>ave</sub> , U1	E <sub>min</sub> /E <sub>max</sub> , U2		
Match practice	200	0.6	0.4	65	50
Non-body contact training*	100	0.5	0.3	65	50

\* Ball training and physical training: non-body contact only.

Source: IESANZ Lighting Guide for Outdoor Cricket LG - 4.01 : Table 3.



*i*

Refer to IESANZ Lighting Guide for Outdoor Cricket LG - 4.01 for guidance for International and Domestic / First Class matches which are likely to involve cricket at the professional level and cater for televised matches.