Interesting Facts About Moonlight For Light Trappers

by
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1. Synodic month = 29.53 days.

2. Zenith occurs 50 minutes later each day as the phase changes.

3. New moon vs full moon intervals vary 14-15 calendar days.

4. There is more moonlight during the period between a new moon and full moon than in the period between a full moon and a new moon. e.g. When 50% of the moon's disk is illuminated, there is only 10% of the brightness exhibited by a full moon occurring during the period between a full moon and a new moon, while 11.5% of the brightness is exhibited during the period between a new moon and a full moon.

Adapted from Bowden (1973), calculations based on +23.5° of the equator.