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DARK ARTS

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YIN-YANG DESIGN AT ME HOTEL

LIGHTING CONTROL NETWORKS - HOW EASY ARE THEY TO HACK?
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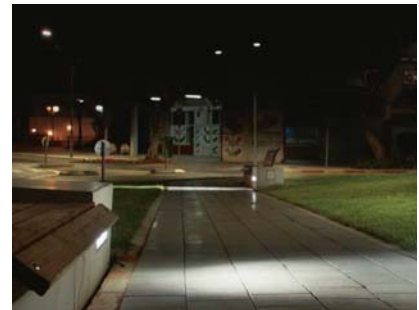
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STANDING FOR SIMPLE

The synagogue of Hod HaSharon is at the centre of the community in Magdiel, Israel. Fixtures from Griven have been used to produce an exterior lighting scheme that creates an atmosphere of calm and quiet.



Completed in 1934, the synagogue of Hod HaSharon is located right in the centre of the elliptical main square of Magdiel, one of the four suburbs that merged in 1964 to establish a single city. Since its foundation, the synagogue has been at the centre of Magdiel religious life and during the British mandate, the building served as headquarters to the Jewish Settlement Police. The synagogue is simple and square in shape and severe and austere in appearance, with no ostentatious decoration. A new LED lighting system was required by Hod HaSharon and lighting consultants were appointed to develop an innovative illumination scheme, involving the synagogue and the surrounding square and garden, while creating a feeling of calm and quietness through a distributed illumination. Soft touches of cold white enhance the building, trees and pathways with light and shadow recalling the elliptical shape of the

square. Supplied by the Israeli company General Electric Engineering AEG Ltd, different models of Griven LED luminaires were chosen for use in the project. The square's lighting now comes from specifically designed benches and low walls that feature Griven Parade D-W-5 recessed units, linear LED modules fitted with five bright white light LED sources, specifically designed for recessed use in pedestrian areas. While the standard version comes with medium or wall wash optics for direct wall illumination, for this project optional elliptical optics were strongly recommended by the appointed lighting designers to obtain low glare, wide diffused elliptical beams on the pavement of the courtyard. The palm trees of the garden have been lit up by batteries of DUNE W MK2, a round-shaped, super compact white light LED fixture, engineered for exterior use. Its 20 cold white

LEDs have been coupled with narrow and medium optics to give an homogeneous light output that emphasises trees. The façade of the synagogue has been partially lit up by PARADE D-W-5 RECESSED fixtures embedded in the pavement close to the access ways in order to maintain a discreet illumination level. The other sides of the synagogue have been wall washed up to the lower cornice, using seventeen units of PARADE S-W-40 with elliptical wide optics installed close to the walls. PARADE S-W-40 is a modular and adjustable super flux, high luminance LED bar fitted with 40 warm or cold white LEDs. High output with uniform light coverage, even on close-up installations, is provided by the newly conceived elliptical and asymmetrical optics specifically engineered for accurate wall washing effects. www.griven.com