**Lighting Photo Album**

**Illumination of Coloured Autumn Leaves in Chuson-ji Temple**

Iwate, Japan

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**Summary**

*Chuson-ji* Temple has an illuminated approach named “Koyo Ginka (milky way of colored autumn leaves)” in the season of autumn color since 2017. Our office was in charge of lighting planning for two years in 2018 and 2019. In the lighting plan, a large site was divided into a plurality of areas first, and the intensity of light was changed along the flow line of visitors based on the relationship of each area. The site was largely divided into three areas: the Tsukimizaka Area mainly consisting of the Tsukimizaka Slope, the Main Approach Area mainly consisting of the main hall and the main approach, and the Konjikido Area mainly consisting of the Konjikido and the Benzaitendo Hall. For the Tsukimizaka Area, increasing expectation and inductivity was intended, for the Main Approach Area, creating a spectacular space with contrasting-colored leaves was intended and for the Konjikido Area, increasing accessibility with utilizing the features of buildings was intended.

**Lighting facilities**

The Tsukimizaka Area, which is the starting point of the approach, gradually increases its brightness with illuminations on trees, etc. from darkness with only garden lights increasing expectation for the area ahead. The Main Approach Area with the most beautiful autumn leaves from the main hall to the Konjikido after the Tsukimizaka has wide-angle type 6W LED small spotlights (2,700K) on both sides of the approach at 2m intervals to be a space surrounded by the light of autumn leaves. Furthermore, medium-angle type 21W LED spotlights (4,000K) are provided on the outside of the approach to widen the space. The spotlights outside the approach spread the light in the direction parallel to the approach by spread lenses, because the instrument intervals are large. Next, the Konjikido Area enhances the inductivity of stairs with 7W LED footlights (2,700K), and the wall surface is illuminated with 35W LED line illuminations (2,800K). The brightness is suppressed by dimming, and a calm presence has been created. The Kyozo (sutra repository) lain in a row with the Konjikido is illuminated by 14W LED bracket lights (2,700K) on the walls and by medium-angle type 13W LED spotlights (2,800K) on the softfits of the curved roof, making use of its architectural form. In addition, the Benzaitendo Hall located in the center of a pond is illuminated with wide-angle type 29W LED spotlights (3,000K) surrounding the hall from the shore, creating a fantastic atmosphere with reflection of the water surface. To create a quiet impression, the overall brightness is set low, and the maximum brightness is about 10cd/m², but it does not give a gloomy impression because the surroundings are dark.

**Location:** Nishiiwai-gun, Iwate-ken, Japan

**Completion:** October, 2019

**Owner:** Chuson-ji

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