Camera Detector

Digital Twin Specification

Twin Code:	DF-CAMD01
Twin Name:	Camera Detector
Category:	Detector
Type:	Function-Based
Version:	1.0
Package:	Platform
Last Updated:	2026-01-20

Description

Computes the integrated square sum of the incident electromagnetic field across a user-defined sampling grid, providing the resulting distribution, including its color perception, for monochromatic and polychromatic inputs.

> ⚠ **Note:** This specification sheet is under active development. Detailed technical descriptions, model parameters, and usage examples will be added over the coming months.

Author:	LightTrans International GmbH
Contact:	support@lighttrans.com
Keywords:	camera detector, integration, field square sum, grid, monochromatic, polychromatic, color perception
Related Twins:	DF-FMON01, DF-INTD01, DF-IRRD01, DF-PHDT01