POST TOP LED OPTICAL SYSTEM

4004/4006 Engine

LED ENGINE

- Photometric Performance
- Chip On Board LED Technology
- Back Light Control
- Constant Light Output
- Up Light Control
- Dimmable
- Glare Control
- Sustainable Technology

The T1 optical system simulates a pointed light source by utilizing highly efficient multi point Chip On Board (COB) LED emitters, reflectors and precision external optics. It has high lumen output and impressive optical efficiency.

The T1 optical system is typically available with Type IV or V IESNA distribution patterns (select fixtures available with Type III) delivering 100+ lumens per watt to provide enhanced photometric performance with remarkable light control and quality, excellent uniformity, plus ideal fixture spacing, while offering energy and maintenance cost savings.

Effective thermal management is achieved utilizing convection, radiation and conduction to effectively manage the LED case temperature, providing a long useful life that exceeds 100,000 hours.

The T1 optical system is available for acorn fixtures, contemporary fixtures, globes and a wide variety of bollards.

Features & Benefits

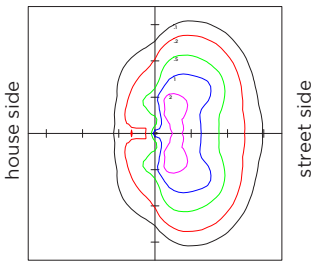
- Precision optics with 100+ lumens per watt providing enhanced light quality and control, improved spacing and high efficacy
- Efficient LED optical system provides energy savings and reduced maintenance costs
- COB LED technology with programmable driver that is CLO capable
- Long operational life due to efficient thermal management
- Offering 3000K and 4000K (+/- 300K) CCT and minimum 70 CRI
- Manufactured to CSA and UL standards and includes a 7 year warranty

Performance

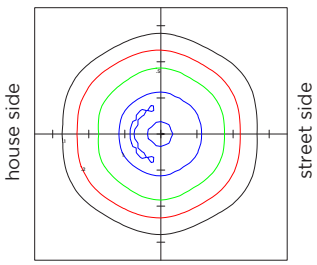
Specific photometric files can be found using an IES File Search tool on our website and additional TM21 reports are available upon request.

Optical System	Nominal Wattage	Input Wattage	IES Distribution	CCT	Lumens	Efficacy (L/W)	BUG	Uplight
T1 4004	40	39.8	IV	4000K	5095	128	1-4-3	19.2%
T1 4004	60	58.8	IV	4000K	7462	126	1-5-3	19.0%
T1 4004	75	74.2	IV	4000K	9201	124	2-5-4	19.1%
T1 4004	100	91.2	IV	4000K	10869	119	2-5-4	20.4%
T1 4006	40	40.1	V	4000K	5372	134	3-4-3	18.9%
T1 4006	60	59.5	V	4000K	7903	132	3-5-4	18.9%
T1 4006	75	73.3	V	4000K	9559	130	3-5-4	18.9%
T1 4006	100	96.0	V	4000K	12028	125	4-5-5	18.9%

Type IV, 100W at 16' Mount
1" represents 25'



Type V, 100W at 16' Mount
1" represents 25'



Photometric testing completed with K445, non-decorative, glass refractor lens luminaires

Further photometric evaluation is suggested to analyze specific applications and achieve desired objectives

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