



POST TOP LED ENGINE 1030 Flat Array



**Photometric
Performance**



**Superior Thermal
Management**



**Back Light
Control**



**Long Useful
Life**



**Up Light
Control**



Dimmable



Glare Control



**Sustainable
Technology**



The P4 is our fourth generation flat array with 30 LED emitters and was designed to increase roadway performance while providing superior spacing. Utilizing a refractor optic, the P4 is perfect for roadway applications requiring a uniform footprint.

With premium light quality, excellent chromaticity and low glare, this optical system is available with Type II, III, IV or V IESNA distribution patterns. Precision optics with 100+ lumens per watt provide enhanced photometric performance with premium light quality while offering energy and maintenance cost savings.

Effective thermal management is achieved with high performance heat sinks, and with an efficient LED case temperature the P4 1030 provides a long useful life that exceeds 100,000 hours.

The P4 1030 optical system was specifically designed for post top luminaires. It is available in historical acorn fixtures including the K118 Washington, K124 Paragon, K199 California, K107 Marion and K109 Cambridge.

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
- Long operational life due to efficient thermal management
- Includes a dimmable driver and optional wattage selector available
- 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.

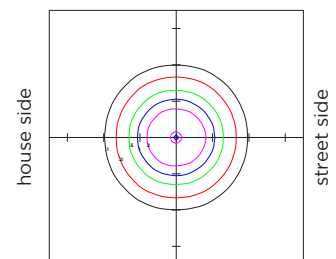
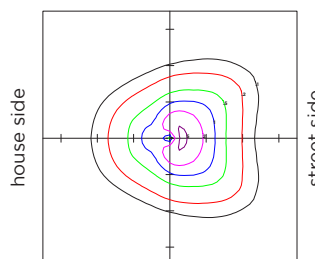
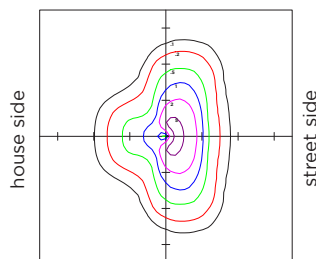
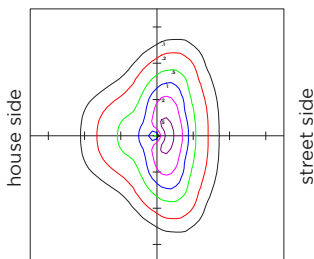
Optical System	Nominal Wattage	Input Wattage	IES Distribution	CCT	Lumens	Efficacy (L/W)	BUG	Uplight
P4 1030	40	39.6	II	3000K	3880	97.98	1-3-2	5.7%
P4 1030	60	58.7	II	3000K	5640	96.09	2-3-2	5.9%
P4 1030	75	80.0	II	3000K	7288	91.11	2-3-2	5.6%
P4 1030	100	94.2	II	3000K	8481	90.03	3-3-3	6.0%
P4 1030	40	40.0	III	3000K	4025	100.63	2-3-2	5.6%
P4 1030	60	58.4	III	3000K	5786	99.07	2-3-2	5.1%
P4 1030	75	77.4	III	3000K	7867	101.65	2-3-2	5.3%
P4 1030	100	97.8	III	3000K	9292	95.01	2-3-3	5.4%
P4 1030	40	39.9	IV	3000K	4123	103.33	1-3-2	5.6%
P4 1030	60	59.2	IV	3000K	5823	98.37	2-3-2	5.3%
P4 1030	75	79.9	IV	3000K	7605	95.18	2-3-3	5.7%
P4 1030	100	94.2	IV	3000K	8701	92.37	2-3-3	5.9%
P4 1030	40	39.4	V	3000K	3871	98.25	2-3-2	5.8%
P4 1030	60	59.4	V	3000K	5722	96.32	2-3-2	5.8%
P4 1030	75	81.4	V	3000K	7371	90.56	2-3-2	5.9%
P4 1030	100	95.2	V	3000K	8558	89.9	3-3-2	5.8%

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

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

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

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



Photometric testing completed with K100 Series, solid spun top, acrylic rippled lens luminaires

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

9-17-2019