

## POST TOP LED OPTICAL SYSTEM 1036/1054 Baffled Array



**Photometric  
Performance**



**Superior Thermal  
Management**



**Back Light  
Control**



**Long Useful  
Life**



**Up Light  
Control**



**Dimmable**



**Glare Control**



**Sustainable  
Technology**



The B3 is our third generation of the immensely popular Baffled Array optical system. Utilizing highly reflective metallized baffles, the B3 LED Engine is able to achieve incredible photometric performance with precision light control including uplight, back light and glare utilizing 36 or 54 LED emitters.

The B3 Baffled Array optical system is available with Type IV or V IESNA distribution patterns delivering 100+ lumens per watt to provide enhanced photometric performance with premium light quality while offering energy and maintenance cost savings.

Effective thermal management is achieved with a vertical heat sink which is open at the bottom and vented at the top to provide appropriate dynamic airflow cooling for the LED array.

The B3 Baffled Array optical system is available in a number of historical acorn fixtures, contemporary fixtures, coach lanterns and globes.

## Features & Benefits

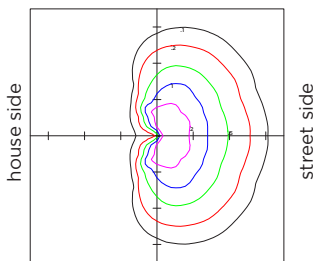
- Precision optics with 100+ lumens per watt providing enhanced light quality and control, improved spacing and high efficacy
- Efficient LED optical system provides energy savings and reduced maintenance costs
- Long operational life due to efficient thermal management
- Includes a dimmable driver and 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

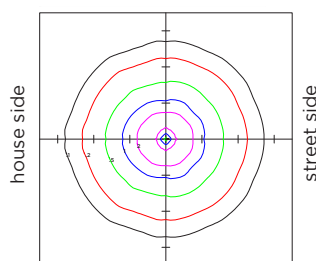
Specific photometric files can be found using an IES File Search tool on our website and additional TM21 reports are available upon request.

Optical System	Nominal Wattage	Input Wattage	IES Distribution	CCT	Lumens	Efficacy (L/W)	BUG	Uplight
B3 1036	40	40.3	IV	4000K	4332	107	1-3-3	6.0%
B3 1036	60	59.3	IV	4000K	6286	106	1-3-3	6.0%
B3 1036	75	75.5	IV	4000K	7847	103	1-3-4	6.4%
B3 1054	100	91.4	IV	4000K	9856	107	2-3-4	5.2%
B3 1036	40	40.3	V	4000K	4324	107	3-3-2	4.6%
B3 1036	60	59.7	V	4000K	6170	103	3-3-3	5.7%
B3 1036	75	75.4	V	4000K	7743	103	3-3-3	4.6%
B3 1054	100	98.3	V	4000K	10184	104	3-3-3	4.1%

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



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



Photometric testing completed with K100 Series, non-decorative, acrylic rippled lens luminaires

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

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