

SYP6021 Optical Engine Specification

1. Functional Parameters

Parameter	Content	Description
Micro-display panel	0.2" DMD TRP	Single panel
Resolution	854×480	WVGA
Aspect ratio	16:09	
Brightness(lm) @ Power(W)	85 lm @5.5W	ANSI
	100 lm @6.5W	
Light Source	RGB-LED	
Lifetime(hrs)	20000	
Throw ratio	1.4	32" @ 1m
Contrast	> 500:1	Full on/Full off
Uniformity	> 85%	
Distortion	< 1.0%	
Focusing	Manual	Sliding adjustment
Offset	100%	
Color Temperature(K)	> 6500	
Projection size (inch)	10" ~ 100"	
Dimension(mm)	48×42×9.8(14.8 Lens)	w/o heatsink

2. 3D Overview

