

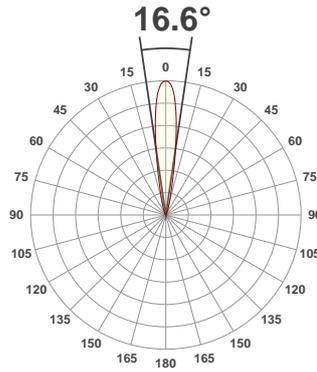
**Light efficiency:**



**Light quality:**



**Color temperature:**



**Product name:**

**TubeLED Mini HO - 3000K 17°  
600mA**

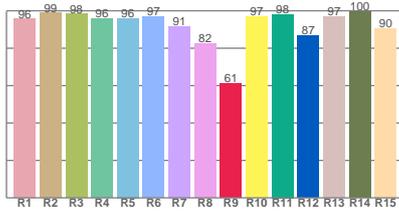
**Item number:**

**16960-LED - 30-17-600mA**

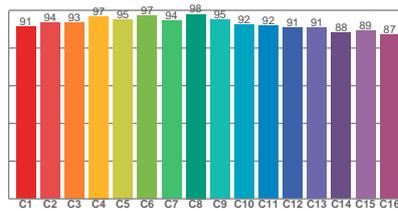
**Delivered information for  
above fixture and LED  
combination.**

**Output: 1978 Lumen Peak intensity: 17327 cd Power consumption: 24.4**

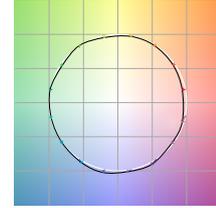
**CRI R values**



**TM30 C Values**

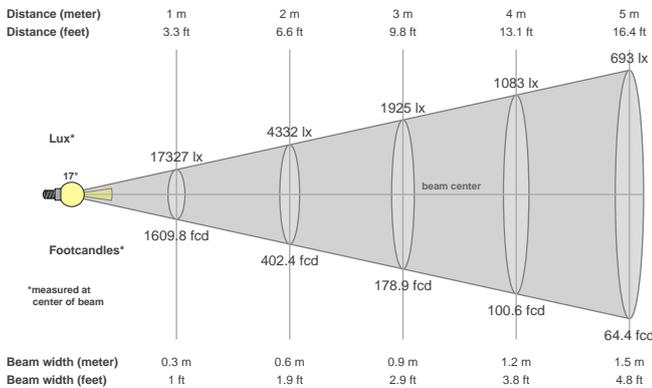


**Color vector graphics**



Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	94.4	61.0	93.1	98.9	92.6	0.437	0.404	0.249	0.346	-0.0008

**Beam details**



**Beam angles**

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
16.6°	32°	48.6°

**Beam intensities**

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
17327 cd	99.6%	98.7%

**Beam intensities from 1-20m**

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
17327lx	4332lx	1925lx	1083lx	693lx	481lx	354lx	271lx	214lx	173lx	143lx	120lx	103lx	88lx	77lx	68lx	60lx	53lx	48lx	43lx
1609.8fcd	402.4fcd	178.9fcd	100.6fcd	64.4fcd	44.7fcd	32.9fcd	25.2fcd	19.9fcd	16.1fcd	13.3fcd	11.2fcd	9.5fcd	8.2fcd	7.2fcd	6.3fcd	5.6fcd	5fcd	4.5fcd	4fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.94  
4000K = 1.07