



## Fixture photometric table

**Fixture model**  
**Studio One 100 V @ 5600K**

Field: 33°  
 Beam: 18°

Magnification (mf): 0.32 x

Candelas: 19100 Cd

Lumens: 2100 lm

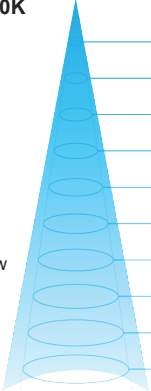
Watts: 60 w

Lumen/w: 318.9 lm/w

CRI Ra: 86

TM-30 Rf / Rg: /

Duv: 0



Throw Distance		Field Spread		Beam Spread		Full On	
m	ft	m	ft	m	ft	Lux	Footcandle
1.00 m	3.3 ft	0.6 m	1.9 ft	0.3 m	1.0 ft	19100 lx	1774 fc
1.53 m	5.0 ft	0.9 m	3.0 ft	0.5 m	1.6 ft	8159 lx	758 fc
3.05 m	10.0 ft	1.8 m	5.9 ft	1.0 m	3.2 ft	2053 lx	191 fc
3.95 m	13.0 ft	2.3 m	7.7 ft	1.3 m	4.1 ft	1224 lx	114 fc
4.56 m	15.0 ft	2.7 m	8.9 ft	1.4 m	4.7 ft	919 lx	85 fc
6.10 m	20.0 ft	3.6 m	11.9 ft	1.9 m	6.3 ft	513 lx	48 fc
6.85 m	22.5 ft	4.1 m	13.3 ft	2.2 m	7.1 ft	407 lx	38 fc
7.63 m	25.0 ft	4.5 m	14.8 ft	2.4 m	7.9 ft	328 lx	30 fc
9.15 m	30.0 ft	5.4 m	17.8 ft	2.9 m	9.5 ft	228 lx	21 fc
10.07 m	33.0 ft	6.0 m	19.6 ft	3.2 m	10.5 ft	188 lx	17 fc

**Fixture model**  
**Studio One 100 V + 36 deg filter @ 5600K**

Field: 62°  
 Beam: 30°

Magnification (mf): 0.54 x

Candelas: 6400 Cd

Lumens: 2100 lm

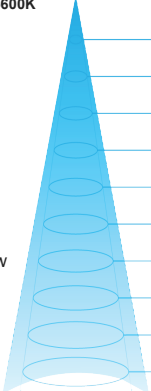
Watts: 60 w

Lumen/w: 108.0 lm/w

CRI Ra: 86

TM-30 Rf / Rg: /

Duv: 0



Throw Distance		Field Spread		Beam Spread		Full On	
m	ft	m	ft	m	ft	Lux	Footcandle
1.00 m	3.3 ft	1.2 m	3.9 ft	0.5 m	1.8 ft	6400 lx	595 fc
1.53 m	5.0 ft	1.8 m	6.0 ft	0.8 m	2.7 ft	2734 lx	254 fc
3.05 m	10.0 ft	3.7 m	12.0 ft	1.6 m	5.4 ft	688 lx	64 fc
3.95 m	13.0 ft	4.7 m	15.6 ft	2.1 m	6.9 ft	410 lx	38 fc
4.56 m	15.0 ft	5.5 m	18.0 ft	2.4 m	8.0 ft	308 lx	29 fc
6.10 m	20.0 ft	7.3 m	24.1 ft	3.3 m	10.7 ft	172 lx	16 fc
6.85 m	22.5 ft	8.2 m	27.0 ft	3.7 m	12.0 ft	136 lx	13 fc
7.63 m	25.0 ft	9.2 m	30.1 ft	4.1 m	13.4 ft	110 lx	10 fc
9.15 m	30.0 ft	11.0 m	36.1 ft	4.9 m	16.1 ft	76 lx	7 fc
10.07 m	33.0 ft	12.1 m	39.7 ft	5.4 m	17.7 ft	63 lx	6 fc

**Fixture model**  
**Studio One 100 V + 50 deg filter @ 5600K**

Field: 76°  
 Beam: 38°

Magnification (mf): 0.69 x

Candelas: 3200 Cd

Lumens: 2100 lm

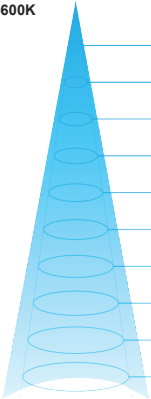
Watts: 60 w

Lumen/w: 55.0 lm/w

CRI Ra: 86

TM-30 Rf / Rg: /

Duv: 0



Throw Distance		Field Spread		Beam Spread		Full On	
m	ft	m	ft	m	ft	Lux	Footcandle
1.00 m	3.3 ft	1.6 m	5.1 ft	0.7 m	2.3 ft	3200 lx	297 fc
1.53 m	5.0 ft	2.4 m	7.8 ft	1.1 m	3.5 ft	1367 lx	127 fc
3.05 m	10.0 ft	4.8 m	15.6 ft	2.1 m	6.9 ft	344 lx	32 fc
3.95 m	13.0 ft	6.2 m	20.2 ft	2.7 m	8.9 ft	205 lx	19 fc
4.56 m	15.0 ft	7.1 m	23.4 ft	3.1 m	10.3 ft	154 lx	14 fc
6.10 m	20.0 ft	9.5 m	31.3 ft	4.2 m	13.8 ft	86 lx	8 fc
6.85 m	22.5 ft	10.7 m	35.1 ft	4.7 m	15.5 ft	68 lx	6 fc
7.63 m	25.0 ft	11.9 m	39.1 ft	5.3 m	17.2 ft	55 lx	5 fc
9.15 m	30.0 ft	14.3 m	46.9 ft	6.3 m	20.7 ft	38 lx	4 fc
10.07 m	33.0 ft	15.7 m	51.6 ft	6.9 m	22.8 ft	32 lx	3 fc

Fixture model		Throw Distance		Field Spread		Beam Spread		Full On	
<b>Studio One 100 V @ 5600K</b>		m	ft	m	ft	m	ft	Lux	Footcandle
<b>Field:</b> 33°		1.00 m	3.3 ft	0.6 m	1.9 ft	0.3 m	1.0 ft	19100 lx	1774 fc
<b>Beam:</b> 18°		1.53 m	5.0 ft	0.9 m	3.0 ft	0.5 m	1.6 ft	8159 lx	758 fc
<b>Magnification (mf):</b> 0.32 x		3.05 m	10.0 ft	1.8 m	5.9 ft	1.0 m	3.2 ft	2053 lx	191 fc
<b>Candelas:</b> 19100 Cd		3.95 m	13.0 ft	2.3 m	7.7 ft	1.3 m	4.1 ft	1224 lx	114 fc
<b>Lumens:</b> 2100 lm		4.56 m	15.0 ft	2.7 m	8.9 ft	1.4 m	4.7 ft	919 lx	85 fc
<b>Watts:</b> 60 w		6.10 m	20.0 ft	3.6 m	11.9 ft	1.9 m	6.3 ft	513 lx	48 fc
<b>Lumen/w:</b> 318.9 lm/w		6.85 m	22.5 ft	4.1 m	13.3 ft	2.2 m	7.1 ft	407 lx	38 fc
<b>CRI Ra:</b> 86		7.63 m	25.0 ft	4.5 m	14.8 ft	2.4 m	7.9 ft	328 lx	30 fc
<b>TM-30 Rf / Rg:</b> /		9.15 m	30.0 ft	5.4 m	17.8 ft	2.9 m	9.5 ft	228 lx	21 fc
<b>Duv:</b> 0		10.07 m	33.0 ft	6.0 m	19.6 ft	3.2 m	10.5 ft	188 lx	17 fc