

Light efficiency:

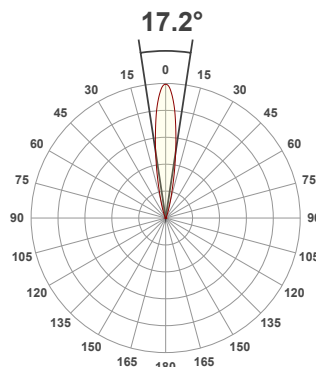
127 Lumen/Watt

Light quality:

CRI: 94.5

Color temperature:

3000 K



Product name:

SF70100 - LED51_Q-HO-30-NF - 350mA

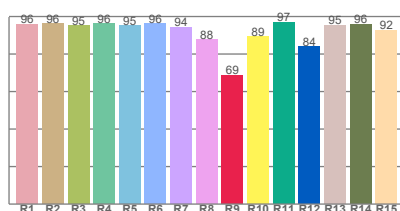
Item number:

Soft70 Deep Fixed - LED51/Q-HO-30-NF - 350mA

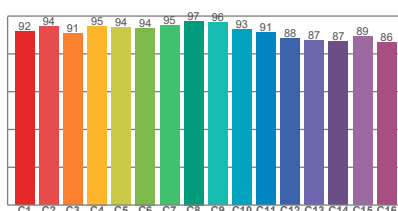
Delivered information for above fixture and LED combination.

Output: 1772 Lumen Peak intensity: 14053 cd Power consumption: 14.0

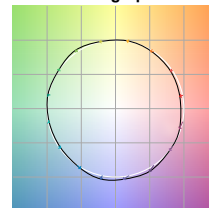
CRI R values



TM30 C Values

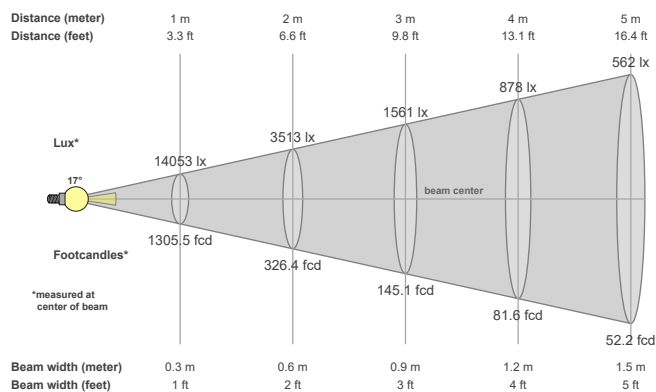


Color vector graphics



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	94.5	68.5	92.2	100.5	92.2	0.437	0.404	0.251	0.348	0.0007

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
17.2°	33.9°	48.6°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
14053 cd	97.9%	96.1%

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
14053lx	3513lx	1561lx	878lx	562lx	390lx	287lx	220lx	173lx	141lx	116lx	98lx	83lx	72lx	62lx	55lx	49lx	43lx	39lx	35lx
1305.5fcd	326.4fcd	145.1fcd	81.6fcd	52.2fcd	36.3fcd	26.6fcd	20.4fcd	16.1fcd	13.1fcd	10.8fcd	9.1fcd	7.7fcd	6.7fcd	5.8fcd	5.1fcd	4.5fcd	4fcd	3.6fcd	3.3fcd

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 refer to ies/ldt files available on the website.

Light planning Glare Evaluation According to UGR

p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	12.4	12.8	12.5	13.0	13.1	12.4	12.8	12.5	13.0	13.1
	3H	13.5	14.1	13.9	14.3	14.5	13.5	14.1	13.9	14.3	14.5
	4H	14.2	14.7	14.6	14.9	15.2	14.2	14.7	14.6	14.9	15.2
	6H	14.9	15.4	15.2	15.7	16.0	14.9	15.4	15.2	15.7	16.0
	8H	15.2	15.6	15.5	15.9	16.3	15.2	15.6	15.5	15.9	16.3
	12H	15.3	15.8	15.7	16.1	16.5	15.3	15.8	15.7	16.1	16.5
4H	2H	12.8	13.3	13.2	13.5	13.8	12.8	13.3	13.2	13.5	13.8
	3H	14.4	14.8	14.7	15.1	15.6	14.4	14.8	14.7	15.1	15.6
	4H	15.1	15.5	15.5	15.9	16.4	15.1	15.5	15.5	15.9	16.4
	6H	15.9	16.4	16.4	16.7	17.1	15.9	16.4	16.4	16.7	17.1
	8H	16.3	16.7	16.8	17.0	17.4	16.3	16.7	16.8	17.0	17.4
	12H	16.5	16.8	17.0	17.2	17.6	16.5	16.8	17.0	17.2	17.6
8H	4H	15.4	15.8	15.9	16.1	16.5	15.4	15.8	15.9	16.1	16.5
	6H	16.5	16.8	17.0	17.2	17.7	16.5	16.8	17.0	17.2	17.7
	8H	17.0	17.2	17.5	17.7	18.3	17.0	17.2	17.5	17.7	18.3
	12H	17.3	17.4	17.8	17.9	18.5	17.3	17.4	17.8	17.9	18.5
12H	4H	15.4	15.7	15.9	16.1	16.6	15.4	15.7	15.9	16.1	16.6
	6H	16.6	16.8	17.1	17.4	18.0	16.6	16.8	17.1	17.4	18.0
	8H	17.1	17.3	17.7	17.8	18.4	17.1	17.3	17.7	17.8	18.4
Variation of the observer position for the luminaire distance S											
S = 1.0H		0.2 / -0.1					0.2 / -0.1				
S = 1.5H		0.5 / -0.3					0.5 / -0.3				
S = 2.0H		0.8 / -0.5					0.8 / -0.5				
Corrected glare indices referring to 1772 lm total luminous flux											