

Light efficiency:

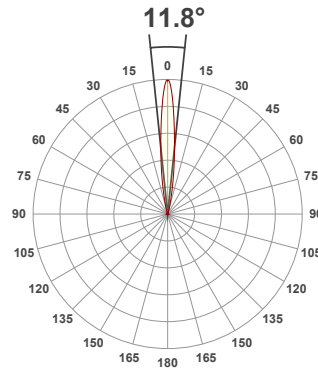
90 Lumen/Watt

Light quality:

CRI: 94.7

Color temperature:

3000 K



Product name:

MX85000_010-FL- LED51_Q-HO-30-SP - 350mA

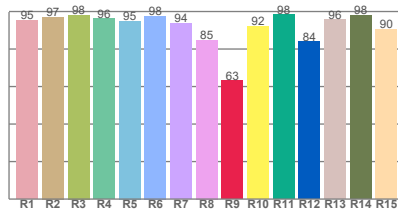
Item number:

Mix85 Flare Fixed/Accent - LED51/Q-HO-30-SP - 350mA

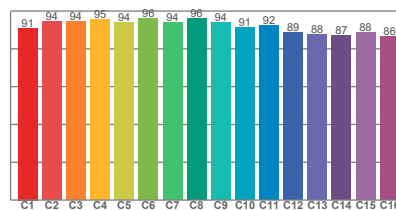
Delivered information for above fixture and LED combination.

Output: 1263 Lumen Peak intensity: 18356 cd Power consumption: 14.0

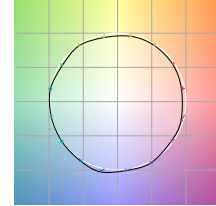
CRI R values



TM30 C Values

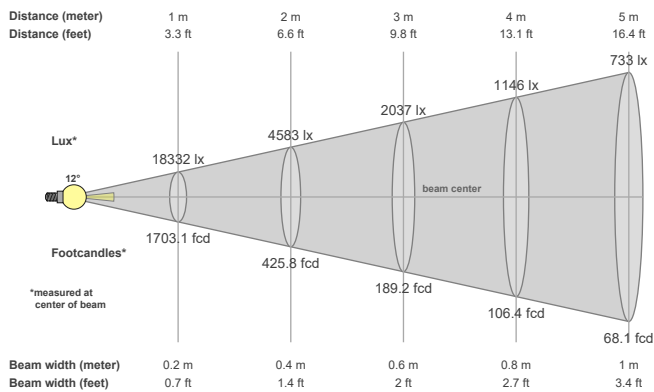


Color vector graphics



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	94.7	63.1	92.3	97.6	92.7	0.437	0.404	0.251	0.348	0.0029

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
11.8°	25.3°	36.7°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
18356 cd	99.3%	98.3%

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
18332lx	4583lx	2037lx	1146lx	733lx	509lx	374lx	286lx	226lx	183lx	152lx	127lx	108lx	94lx	81lx	72lx	63lx	57lx	51lx	46lx
1703.1fcd	425.8fcd	189.2fcd	106.4fcd	68.1fcd	47.3fcd	34.8fcd	26.6fcd	21fcd	17fcd	14.1fcd	11.8fcd	10.1fcd	8.7fcd	7.6fcd	6.7fcd	5.9fcd	5.3fcd	4.7fcd	4.3fcd

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	10.4	10.7	10.4	10.9	11.1	10.4	10.7	10.4	10.9	11.1
	3H	10.8	11.3	11.2	11.5	11.6	10.8	11.3	11.2	11.5	11.6
	4H	11.0	11.4	11.4	11.7	11.9	11.0	11.4	11.4	11.7	11.9
	6H	11.2	11.6	11.5	11.9	12.2	11.2	11.6	11.5	11.9	12.2
	8H	11.4	11.8	11.7	12.1	12.5	11.4	11.8	11.7	12.1	12.5
	12H	11.5	11.9	11.9	12.3	12.7	11.5	11.9	11.9	12.3	12.7
4H	2H	10.4	10.8	10.7	11.1	11.3	10.4	10.8	10.7	11.1	11.3
	3H	11.2	11.5	11.5	11.9	12.3	11.2	11.5	11.5	11.9	12.3
	4H	11.4	11.7	11.8	12.1	12.6	11.4	11.7	11.8	12.1	12.6
	6H	11.7	12.1	12.2	12.4	12.7	11.7	12.1	12.2	12.4	12.7
	8H	12.0	12.4	12.5	12.7	13.1	12.0	12.4	12.5	12.7	13.1
	12H	12.1	12.4	12.6	12.8	13.3	12.1	12.4	12.6	12.8	13.3
8H	4H	11.4	11.8	12.0	12.2	12.5	11.4	11.8	12.0	12.2	12.5
	6H	11.9	12.2	12.4	12.6	13.1	11.9	12.2	12.4	12.6	13.1
	8H	12.5	12.6	13.0	13.1	13.8	12.5	12.6	13.0	13.1	13.8
	12H	12.7	12.9	13.3	13.4	14.0	12.7	12.9	13.3	13.4	14.0
12H	4H	11.4	11.7	11.9	12.1	12.6	11.4	11.7	11.9	12.1	12.6
	6H	12.1	12.2	12.6	12.8	13.4	12.1	12.2	12.6	12.8	13.4
	8H	12.5	12.7	13.1	13.2	13.8	12.5	12.7	13.1	13.2	13.8
Variation of the observer position for the luminaire distance S											
S = 1.0H		1.0 / -0.7					1.0 / -0.7				
S = 1.5H		2.3 / -1.2					2.3 / -1.2				
S = 2.0H		3.5 / -1.4					3.5 / -1.4				
Corrected glare indices referring to 1263 lm total luminous flux											