

Operator name and signature: CR

Charlotte R.

Output:	50383 lm
Peak:	12502 cd
Lux@50cm:	50010 Lux
Power:	450,3 W
Power Factor / DF ϕ 1:	1,0
Standby power	0,00 W

Light efficacy:

112 Lumen/Watt

Light quality:

CRI: 82,7

Color temperature:

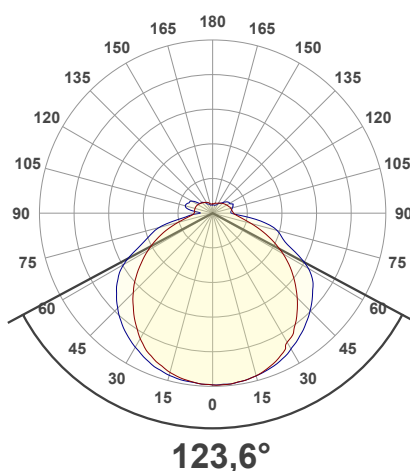
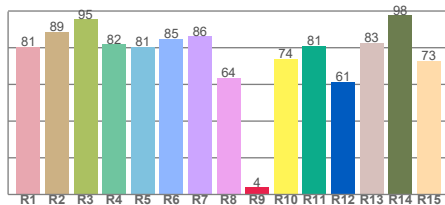
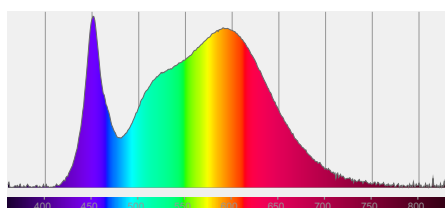
4112 K

According to regulation (EU) 2019/2015

Directionality:	Non-Directional
Useful Lumen:	50383 lm
η TM - Efficacy	112 lm/W
Energy Class:	E



Spectra



Product name:

03.5820 - Light Rope 50

Item number:

03.5820

Date and time:

16-04-2025 11:24:13

Description:

Standby power: 0 W

Sensor distance: 350 cm,
baffle@ 300 cm

Warm-up: <2% in 15 minutes

Power: 230 V AC

Scaled to product length
No standby functionality

BEAM DETAILS

Beam distance: 223,2 meters

Distance (meter)

1 m

2 m

3 m

4 m

5 m

Distance (feet)

3,3 ft

6,6 ft

9,8 ft

13,1 ft

16,4 ft

Lux*

123,6°

Footcandles*

*measured at
center of beam

Beam width (meter)

Beam width (feet)

3,7 m

12,3 ft

7,5 m

24,6 ft

11,2 m

36,6 ft

14,9 m

48,9 ft

18,7 m

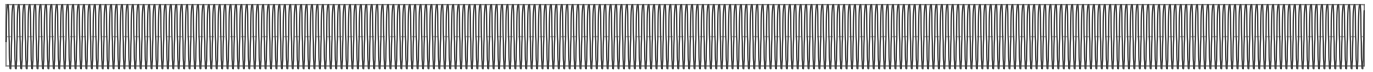
61,2 ft

Beam intensities from 1-20m

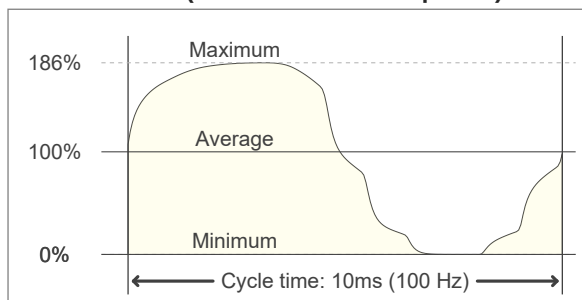
1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
12454lx	3114lx	1384lx	778lx	498lx	346lx	254lx	195lx	154lx	125lx	103lx	86lx	74lx	64lx	55lx	49lx	43lx	38lx	34lx	31lx
1157,1fc	289,3fc	128,6fc	72,3fcd	46,3fcd	32,1fcd	23,6fcd	18,1fcd	14,3fcd	11,6fcd	9,6fcd	8fcd	6,8fcd	5,9fcd	5,1fcd	4,5fcd	4fcd	3,6fcd	3,2fcd	2,9fcd

FLICKER DETAILS

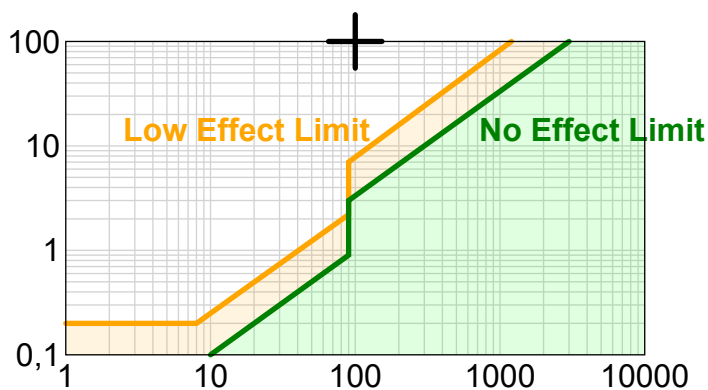
Flicker curve (complete sampled flicker signal)



Flicker frame (frame of one flicker period)



Flicker frequency:	100 Hz
Flicker index:	0,35
Flicker percentage:	100 %
SVM: (Visual flicker)	4,04
Pst LM:	0,1
SDCM	3,0
Rated Color Temperature	4000 K
Duv	0,0028
CIE Coordinates (x, y)	0,378, 0,381
CIE Coordinates (u, v)	0,222, 0,335



Flicker IEEE 1789

WARMUP DETAILS according to EN 13032-1

