Operator name and signature: RU Rolf Ugilt

Output:	**21300**	**lm**
Peak:	**139**	**cd**
Lux@50cm:	**558**	**Lux**
Power:	**197,0**	**W**
Power Factor / DF	**0,7**	
Standby power	**N/A**	**W**

According to regulation (EU) 2019/2015

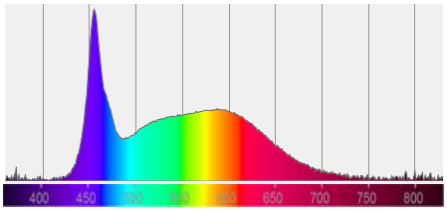
Directionality:	**Non-Directional**	
Power (Pon)	**184**	**W**
Useful Lumen:	**21300**	**lm**
ηTM - Efficacy	**116**	**lm/W**
Energy Class:	**E**	

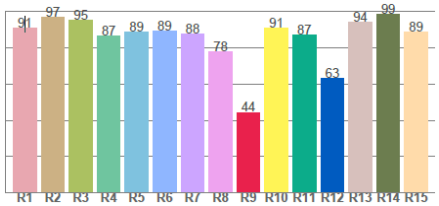
Light efficacy:
108 Lumen/Watt

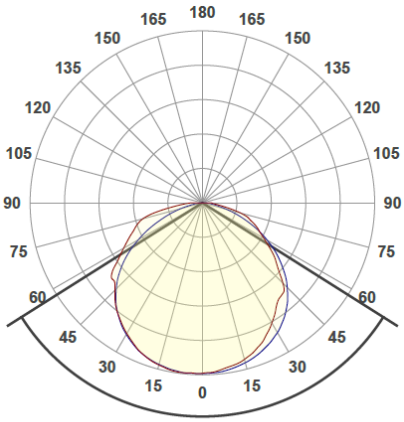
Light quality:
CRI: 89

Color temperature:
5904 K

Spectra







Product name:
Light Rope 48Vdc 25m

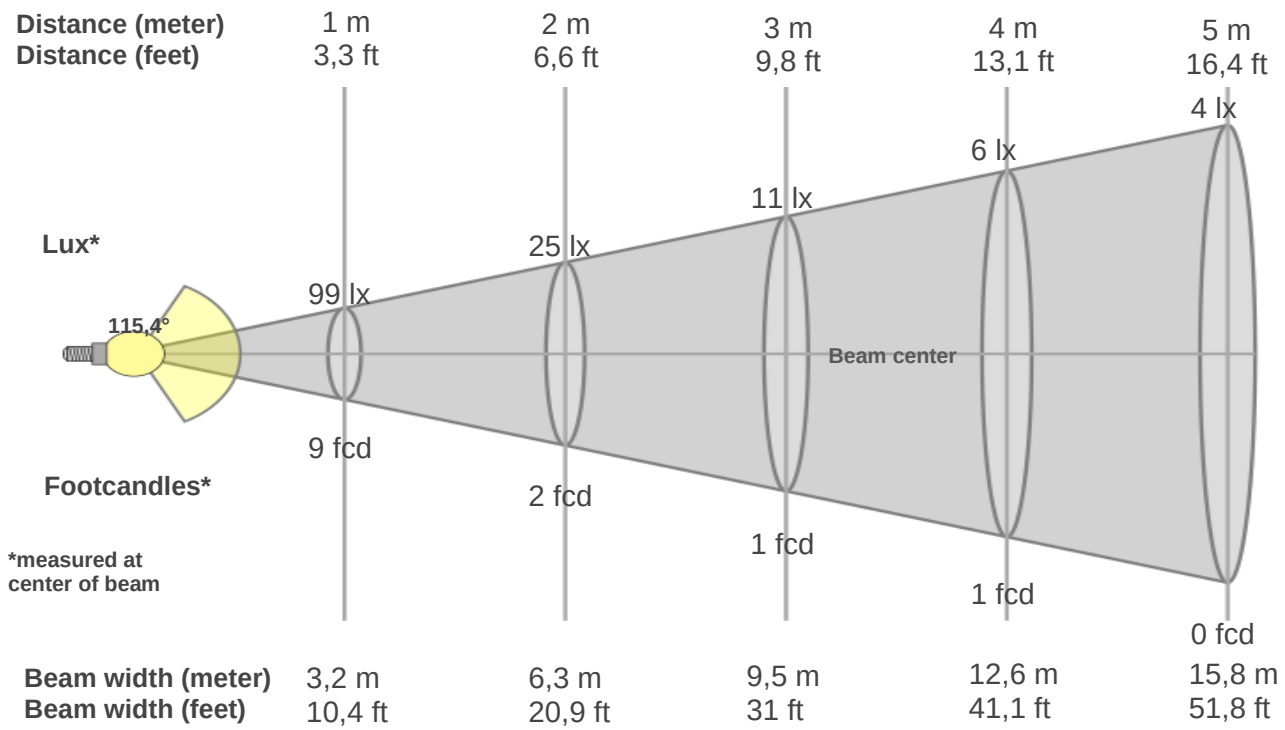
Item number:
03.5815

Date and time:
29-03-2023

Description:
Sensor distance: 250cm
Warmup: <2% in 15 minutes
Power supply: 230Vac

BEAM DETAILS

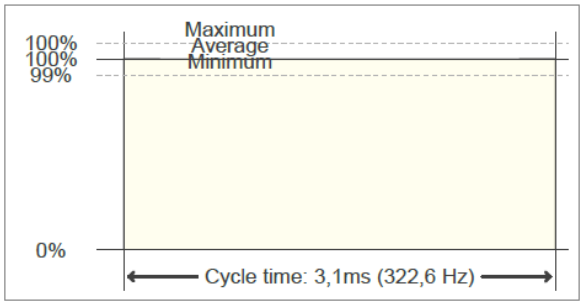
Beam distance: 19,9 meters



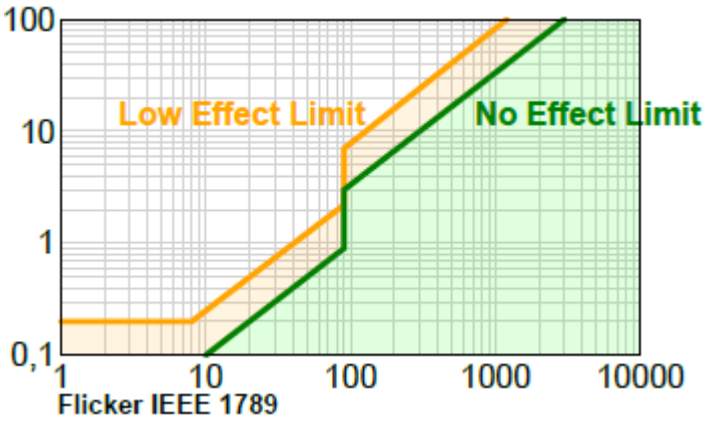
FLICKER DETAILS

Flicker curve (complete sampled flicker signal)

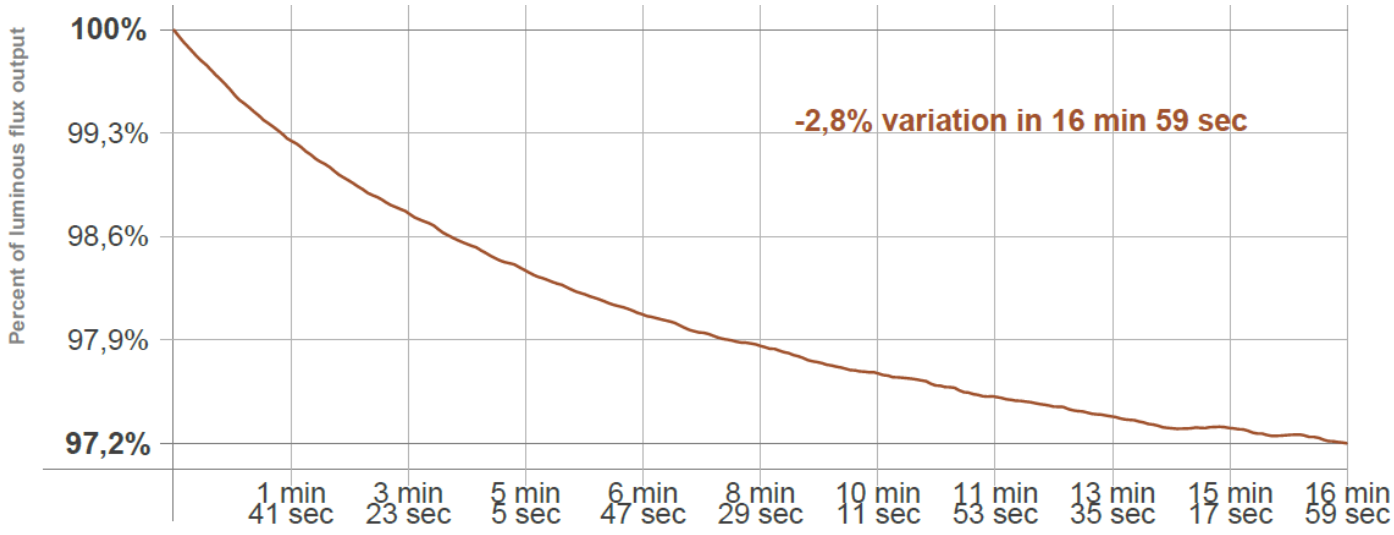
Flicker frame (frame of one flicker period)



Flicker frequency:	322,58 Hz
Flicker index:	0
Flicker percentage:	0,1 %
SVM: (Visual flicker)	0
Pst LM:	0,05
SDCM	5,0
Rated Color Temperature	6000 K
Duv	-0,0070
CIE Coordinates (x, y)	0,324, 0,327
CIE Coordinates (u, v)	0,207, 0,313



WARMUP DETAILS according to EN 13032-1



Percent of luminous flux output

Methods for calculating the above values

In the above report the values for Output luminous Flux, Peak candela and Illuminance are calculated by taking the first half meter as measured and then scaled to 25m. (Equation given as follows)

$$Value_{25m} = Value_{first\ ½m} \times 2 \times 25m$$

For the Luminous flux the equation evaluates to:

$$Luminous\ Flux = 426\ lm \times 2 \times 25\ m = \underline{21300\ lm}$$