

Footsie1™

Footsie2™



ROBE®



Footsie¹ / Footsie²



Time to uplift your footlights and make those feet shine! With its sleek, low design, our IP65-rated FOOTSIE takes footlights into the modern age.

Available in classic, balletic-like Warm White with a CRI greater than 90; tuneable white from 2.700K – 6.500K, or RGBW for all colours, including infamous up-lit horror looks, the IP65-rated FOOTSIE delivers LED foot lighting, whatever the production type or weather.

Removing the visual barrier between audience and performer, this showstopper, with its low laying 52 mm high design, allows you to see all of the performer and watch those toes 'tapping'!

The self-contained cable tray removes loose laying cables, taking away this trip hazard. With an easy, fast connection between fixtures, including corner pieces of various angles, FOOTSIE keeps the LEDs evenly spaced to provide the smoothest wash with continuous runs across your stage or down your runway.

For run flexibility, FOOTSIE is available in two models. FOOTSIE1™ has two individually controlled zones within its 600 mm, while FOOTSIE2™ being longer at 1.200 mm, has four zones.

FOOTSIE features an innovative SPREAD™ (Shield Protection, Reflection Elimination, Diffusion) Integrated shield that folds inside housing or be released and installed in position. The Shield is covering direct viewing of the led sources from the side of audience (Patent pending). Providing additional softening and beam spread control optional, easily insertable Medium and Wide diffusion filters are available.

The patented design provides easy and instant access through the top and bottom lids to the fixture display, power supply and other cables, such as microphone or monitor speakers. We have included half circular ports in the top and base lids, giving access to these wherever needed on the stage. Power and data connections are via IP65-rated PowerCON True1 and DMX 5-pin IN and OUT connectors.

By including NFC (Near-Field Communication) technology, you can access setup, diagnostic and performance features, even without power, directly from your mobile device using the Robe Com app.

A unique safety feature, BluMark™ allows a low-level blue LED indication of stage edges without affecting lighting states. These separate, low-output LEDs provide an edge indication when performers become blinded due to snap blackouts. Controlled from your console, BluMark™ can be turned on/off as required.

Ensuring performers are in the right position every time, PIP™ (Performer Indication Point) separately controlled RGB LEDs give discreet, accurate placement guides spaced at 10cm intervals.

Convectionally cooled, FOOTSIE is perfect for theatres, concert stages, fashion show catwalks or corporate events, letting your performers step out in style, indoors or out!

FOOTSIE – Toe tapping style, whatever the weather!



Source

- Light source type
 - Footsie1™: 24x 4W WW/TW or 3W RGBW High Power Single Chip LEDs
 - Footsie2™: 48x 4W WW/TW or 3W RGBW High Power Single Chip LEDs
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours
- CRI: WW 90+
 - TW 85+
 - RGBW 70+

Optical System

- Robe's proprietary optical design
- Field angle: Asymmetrical field angle 55° x 50°
- Fixture total lumen output
 - Footsie1™: WW: 3.557 lm
 - TW: 3.620 lm
 - RGBW: 2.470 lm
 - Footsie2™: WW: 7.115 lm
 - TW: 7.240 lm
 - RGBW: 4.940 lm
- Optional diffusers:
 - Medium frost filter 20° x 1°
 - Wide frost filter 60° x 30°
- SPREAD™ (Shield Protection, Reflection Elimination, Diffusion) Integrated shield that folds inside housing or be released and installed in position. The Shield is covering direct viewing of the led sources from the side of audience (Patent pending)

Dynamic Effects and Features

- Colour mixing mode RGBW/CMY or TW
- 2 individually controllable LED zones
- + - Green correction function
- CCT: WW 3.000K
 - TW Variable 2.700K - 6.500K
 - RGBW Variable 2.700K - 8.000K
- Tungsten lamp effect: 750W, 1.000W, 1.200W, 2.000W, 2.500W lamp emulation for whites from 2.700K to 4.200K (red shift and thermal delay)
- DataSwatch™ filters: pre-programmed 237 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- Pre-programmed random strobe & pulse effects
- Electronic strobe effect with variable speed up to 20 Hz
- High resolution electronic dimming: 0 - 100%
- L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- Extremely quiet operation suitable for all types of production in Theatre and TV

- Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K
- BluMark™ safety low-level blue LED indication of stage edges without affecting lighting states
- PIP™ - Performer Indication Point – separately controlled RGB LEDs at 10 cm spacing provide performers with alignment points (Patent pending)

Control and Programming

- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 40 steps)
- NFC app controller
- Wireless CRM™ technology from Lumen Radio
- Protocols: USITT DMX-512, RDM
- DMX Protocol modes: 3
- Control channels Footsie1™
 - WW: 1, 11, 18
 - TW: 2, 16, 23
 - RGBW: 5, 28, 35
- Control channels Footsie2™
 - WW: 1, 13, 26
 - TW: 2, 20, 33
 - RGBW: 5, 36, 49
- RGBW / CMY: 8 or 16 bit
- Variable CCT: 8 bit
- + - Green correction: 8 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

Thermal Specification

- Maximum ambient temperature: 45 °C (113°F)
- Maximum surface temperature: 50 °C (122°F)
- Minimum operating temperature: -20°C (-4°F)
- Total heat dissipation:
 - Footsie1™ max. 115 BTU/h (calculated)
 - Footsie2™ max. 218 BTU/h (calculated)

Noise Levels

- Cooling system: Convection

Electrical Specification and Connections

- Power supply: Electronic auto-ranging
- Input voltage range: 120-240 V, 50/60 Hz
- Power consumption:
 - Footsie1™ max. 45 W
 - Footsie2™ max. 85 W
- Power connector in/out: IP65 Neutrik powerCON TRUE1 in/out

- DMX and RDM data in/out: IP65 Locking 5-pin XLR connectors

Mechanical Specification

- Height: 52 mm (2.04")
- Width:
 - Footsie1™ 629 mm (24.76")
 - Footsie2™ 1.229 mm (48.39")
- Depth: 338.6 mm (13.33")
- Weight:
 - Footsie1™ 9.4 kg (20.7 lbs)
 - 10.6 kg (23.4 lbs) with diffuser
 - Footsie2™ 17.1 kg (37.7 lbs)
 - 19.7 kg (43.4 lbs) with diffuser
- Ingress protection rating: IP65
- IK Rating: IK06

Included Items

- User Manual
- Daisy Chain powerCON TRUE1 In/Out, EU or US, 0.35 m Footsie1™ and 0.9 m Footsie2™, Outdoor

Optional Accessories

- Diffusion filter medium Footsie1™: 10980820
- Diffusion filter wide Footsie1™: 10980822
- Diffusion filter medium Footsie2™: 10980821
- Diffusion filter wide Footsie2™: 10980823
- Angled corner 15°: 10980827
- Angled corner high 15°: 10980880
- Angled corner 30°: 10980828
- Angled corner high 30°: 10980881
- Angled corner 60°: 10980829
- Angled corner high 60°: 10980882
- Angled corner 90°: 10980830
- Angled corner high 90°: 10980883
- End cap: 10980831
- Eight/Quad Top Loader Case ROBIN Footsie1 / Footsie2: 10120328-01
- Power cord including powerCON TRUE1 In connector EU: 13052276-01
- Power cord including powerCON TRUE1 In connector US: 13052277-01

Legal

- Footsie1™ and Footsie2™ are Trademarks of Robe lighting s. r. o.
- Footsie1™ and Footsie2™ are patented by Robe lighting s. r. o. and protected by one or more pending or issued patents

Footsie1™ / Footsie2™

EXAMPLES OF FOOTSIE CONFIGURATIONS

Front of Stage - Linear with
Optional Diffuser (Footsie1™)



Front of Stage - Linear
(Footsie2™)



Front of Stage - Apron
Wrap-around with Optional Diffuser
(Footsie2™)



Hexagonal Shape (Footsie2™)



Linear Catwalk (Footsie2™)



EXAMPLES OF CURVED STAGE INSTALLATION

Curved Configuration using 15°
Standard Wedge and Optional Diffuser
(Footsie1™)



Curved Configuration using 15°
Standard Wedge
(Footsie1™)



CUSTOMISED ANGLES ON REQUEST

Wedge 3°



Wedge 8°



ACCESSORIES

Corners and Wedges

90°



60°



30°



15°



End Cap



90°



60°



30°



15°

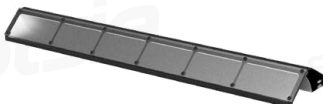


End Cap

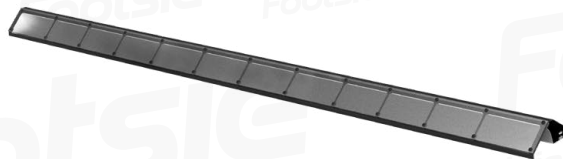


Diffusers

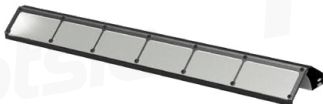
Footsie1™ Diffusion filter Medium



Footsie2™ Diffusion filter Medium



Footsie1™ Diffusion filter Wide



Footsie2™ Diffusion filter Wide



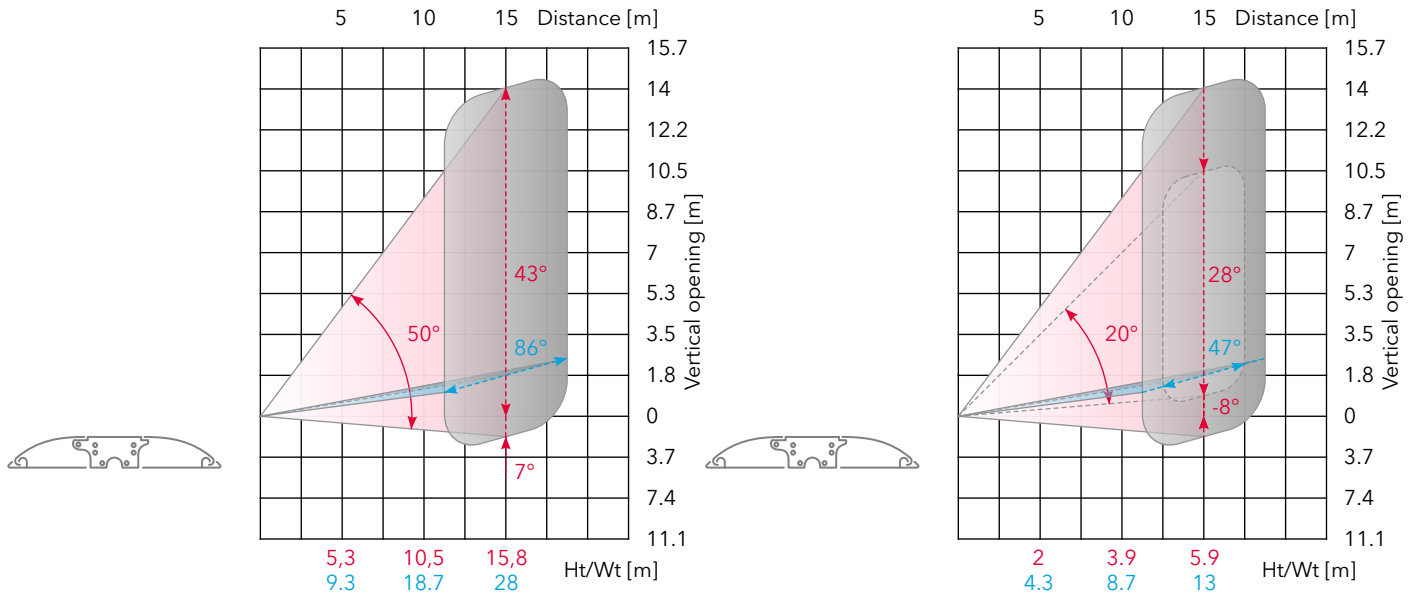


Footsie 1

Photometric report

Field angle 50° x 86° - Barndoor-closed

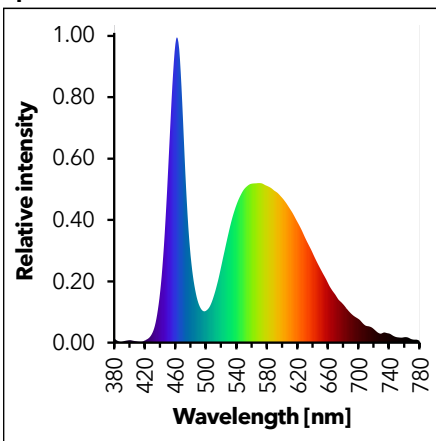
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
50° x 86°	2470 lm	2148 lm	17900 cd	45 W



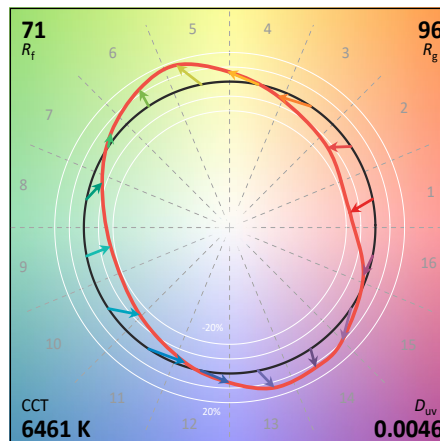
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
R+G+B+W	716/67	179/17	80/7	45/4.2	20/1.8	11/1	7/0.7	2148
Red	248/23	62/6	28/2.6	16/1.4	7/0.6	3.9/0.4	2.5/0.2	744
Green	332/31	83/8	37/3.4	21/1.9	9/0.9	5/0.5	3.3/0.3	996
Blue	56/5	14/1.3	6/0.6	3.5/0.3	1.6/0.1	0.9/0.1	0.6/0.1	168
White	488/45	122/11	54/5	31/2.8	14/1.3	8/0.7	4.9/0.5	1464

Spectrum



TM-30



Color temperature	CCT	6461 K
Color Deviation from Black	Duv	0.0046
Color Coordinate CIE 1931	x	0.3131
	y	0.3321
Color Coordinate	u	0.1969
	v	0.3133

Color rendering index	CRI	70
Red component	CRI R9	-31
Color fidelity	TM30 Rf	71
Color gamut	TM30 Rg	96
Television consistency Index	TLCI	48

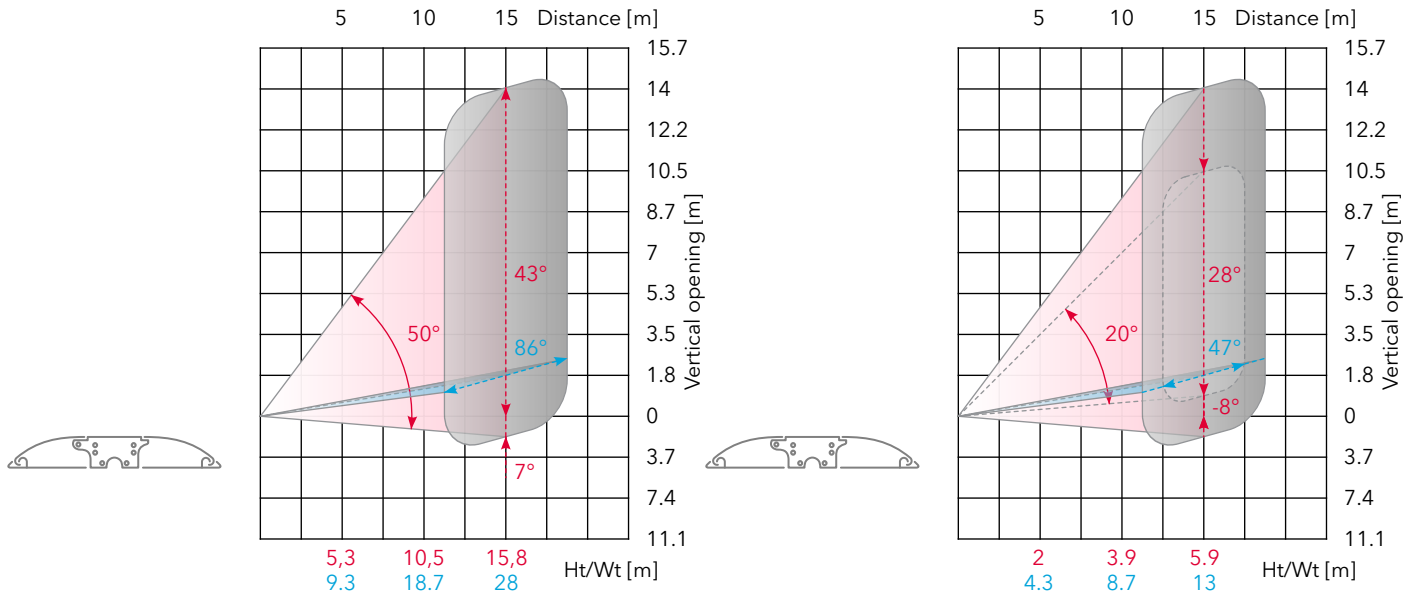
Fixture settings: DMX mode: 1; White Point 8000K On; All pixels On
Measurement date: 19.12.2023

Footsie 1

Photometric report

Field angle 50° x 86° - Barndoor-opened

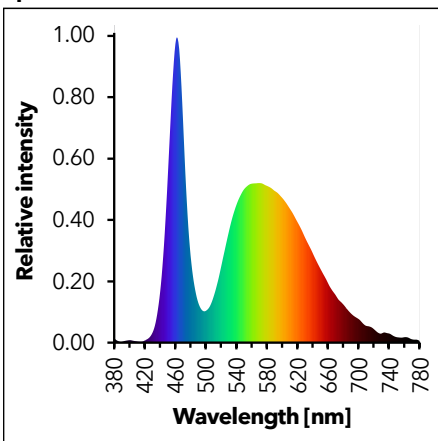
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
50° x 86°	2454 lm	2134 lm	17700 cd	45 W



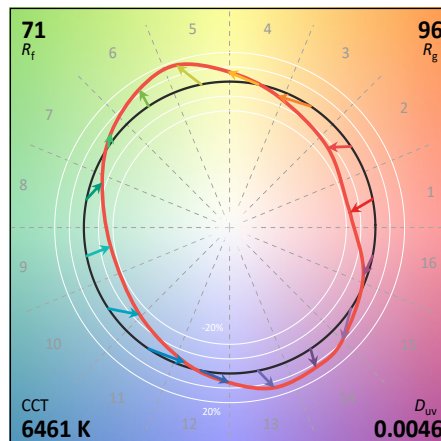
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
R+G+B+W	708/66	177/16	79/7	44/4.1	20/1.8	11/1	7/0.7	2134
Red	244/23	61/6	27/2.5	15/1.4	7/0.6	3.8/0.4	2.4/0.2	735
Green	328/30	82/8	36/3.4	21/1.9	9/0.8	5/0.5	3.3/0.3	989
Blue	56/5	14/1.3	6/0.6	3.5/0.3	1.6/0.1	0.9/0.1	0.6/0.1	169
White	484/45	121/11	54/5	30/2.8	13/1.2	8/0.7	4.8/0.4	1459

Spectrum



TM-30



Color temperature	CCT	6461 K
Color Deviation from Black	D_{uv}	0.0046
Color Coordinate CIE 1931	x	0.3131
	y	0.3321
Color Coordinate	u	0.1969
	v	0.3133

Color rendering index	CRI	70
Red component	CRI R9	-31
Color fidelity	TM30 R_f	71
Color gamut	TM30 R_g	96
Television consistency Index	TLCI	48

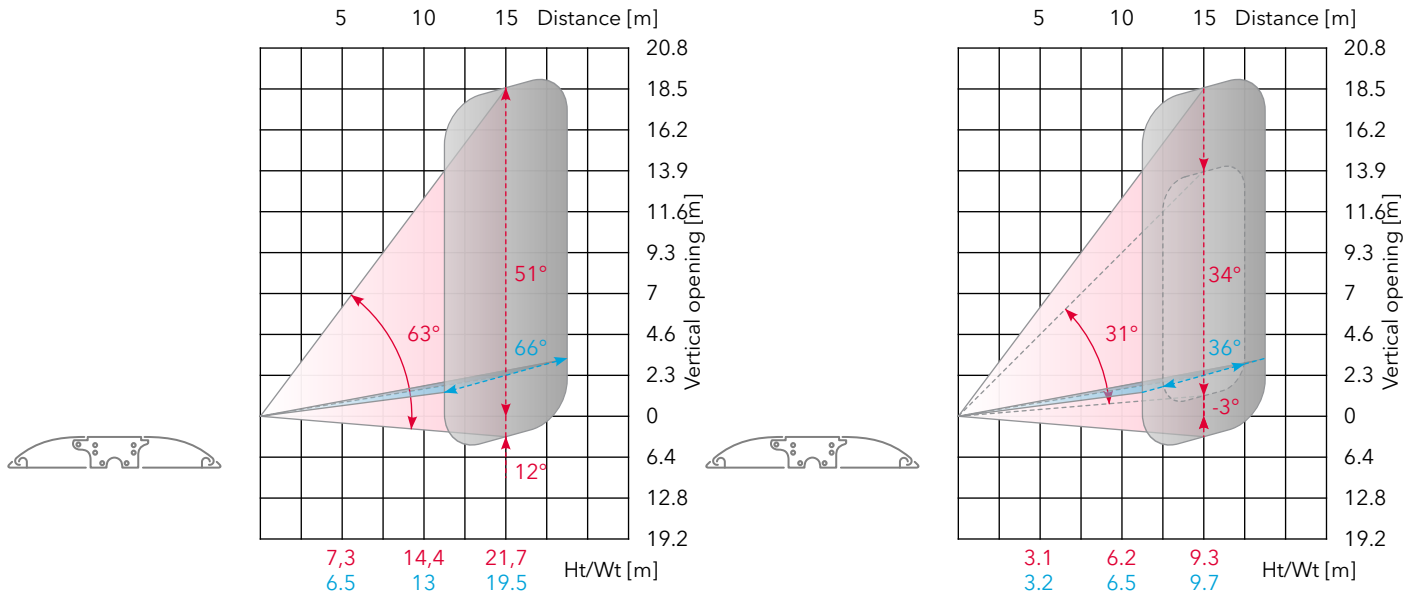
Fixture settings: DMX mode: 1; White Point 8000K On; All pixels On
Measurement date: 19.12.2023

Footsie 1

Photometric report

Field angle 63° x 66° - Barndoor-opened Frost-20dg x 1dg

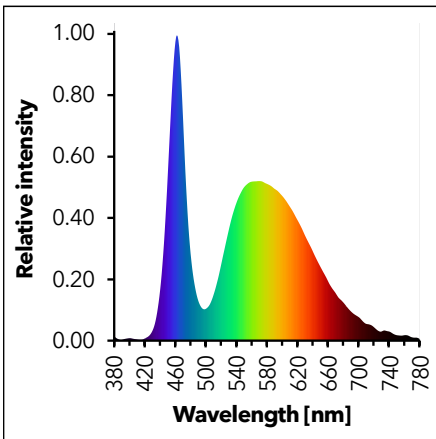
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
63° x 66°	1083 lm	942 lm	9300 cd	45 W



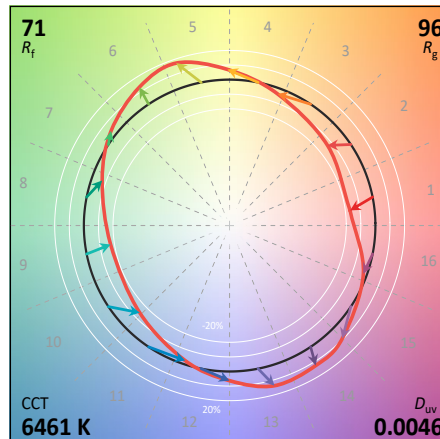
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
R+G+B+W	372/35	93/9	41/3.8	23/2.2	10/1	6/0.5	3.7/0.3	942
Red	128/12	32/3	14/1.3	8/0.7	3.6/0.3	2/0.2	1.3/0.1	324
Green	172/16	43/4	19/1.8	11/1	4.8/0.4	2.7/0.2	1.7/0.2	436
Blue	28/2.6	7/0.7	3.1/0.3	1.8/0.2	0.8/0.1	0.4/0	0.3/0	71
White	256/24	64/6	28/2.6	16/1.5	7/0.7	4/0.4	2.6/0.2	648

Spectrum



TM-30



Color temperature	CCT	6461 K
Color Deviation from Black	Duv	0.0046
Color Coordinate CIE 1931	x	0.3131
	y	0.3321
Color Coordinate	u	0.1969
	v	0.3133

Color rendering index	CRI	70
Red component	CRI R9	-31
Color fidelity	TM30 Rf	71
Color gamut	TM30 Rg	96
Television consistency Index	TLCI	48

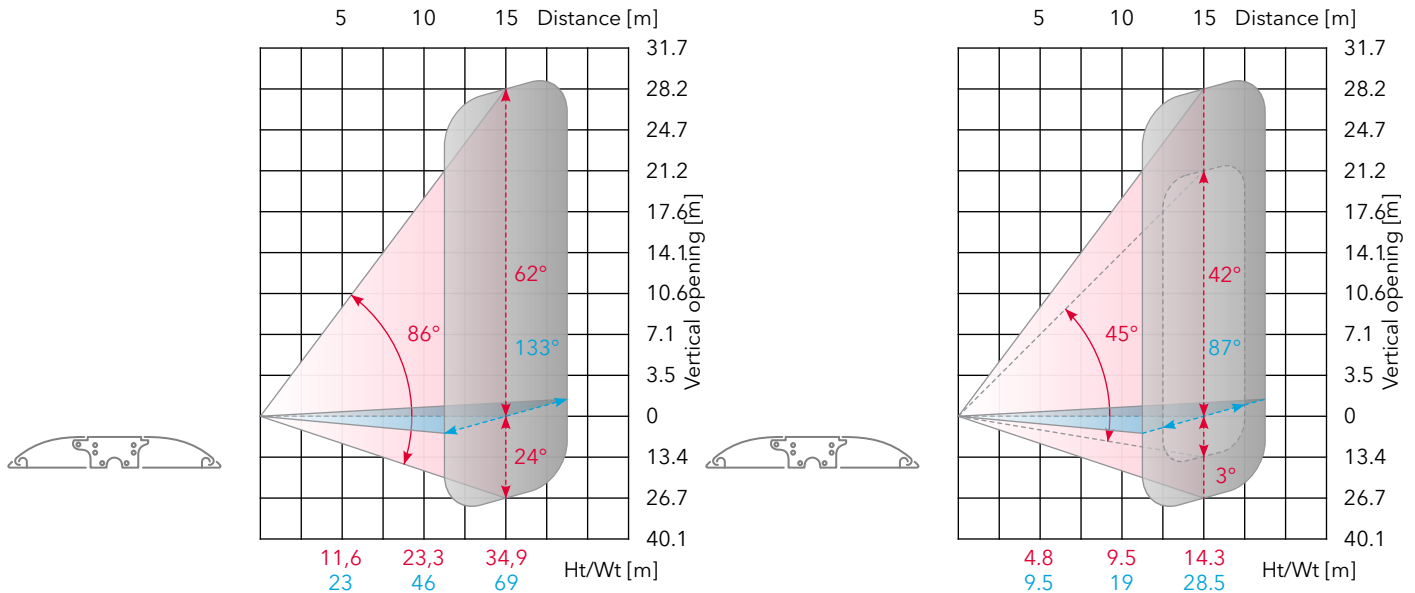
Fixture settings: DMX mode: 1; White Point 8000K On; All pixels On
Measurement date: 19.12.2023

Footsie 1

Photometric report

Field angle 86° x 133° - Barndoor-opened Frost-30dg x 60dg

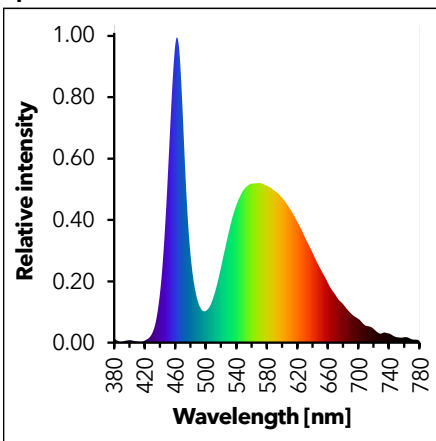
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
86° x 133°	1803 lm	1568 lm	5200 cd	45 W



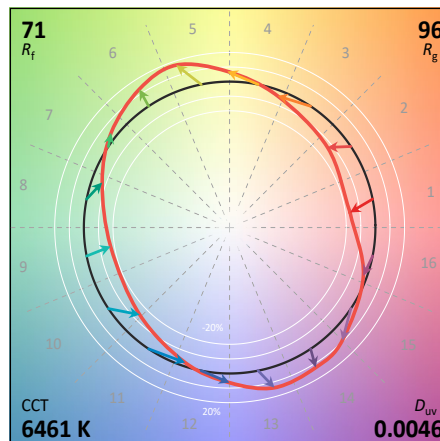
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
R+G+B+W	208/19	52/4.8	23/2.1	13/1.2	6/0.5	3.3/0.3	2.1/0.2	1568
Red	72/7	18/1.7	8/0.7	4.5/0.4	2/0.2	1.1/0.1	0.7/0.1	543
Green	96/9	24/2.2	11/1	6/0.6	2.7/0.2	1.5/0.1	1/0.1	724
Blue	16/1.5	4/0.4	1.8/0.2	1/0.1	0.4/0	0.3/0	0.2/0	121
White	144/13	36/3.3	16/1.5	9/0.8	4/0.4	2.3/0.2	1.4/0.1	1086

Spectrum



TM-30



Color temperature	CCT	6461 K
Color Deviation from Black	Duv	0.0046
Color Coordinate CIE 1931	x	0.3131
	y	0.3321
Color Coordinate	u	0.1969
	v	0.3133

Color rendering index	CRI	70
Red component	CRI R9	-31
Color fidelity	TM30 Rf	71
Color gamut	TM30 Rg	96
Television consistency Index	TLCI	48

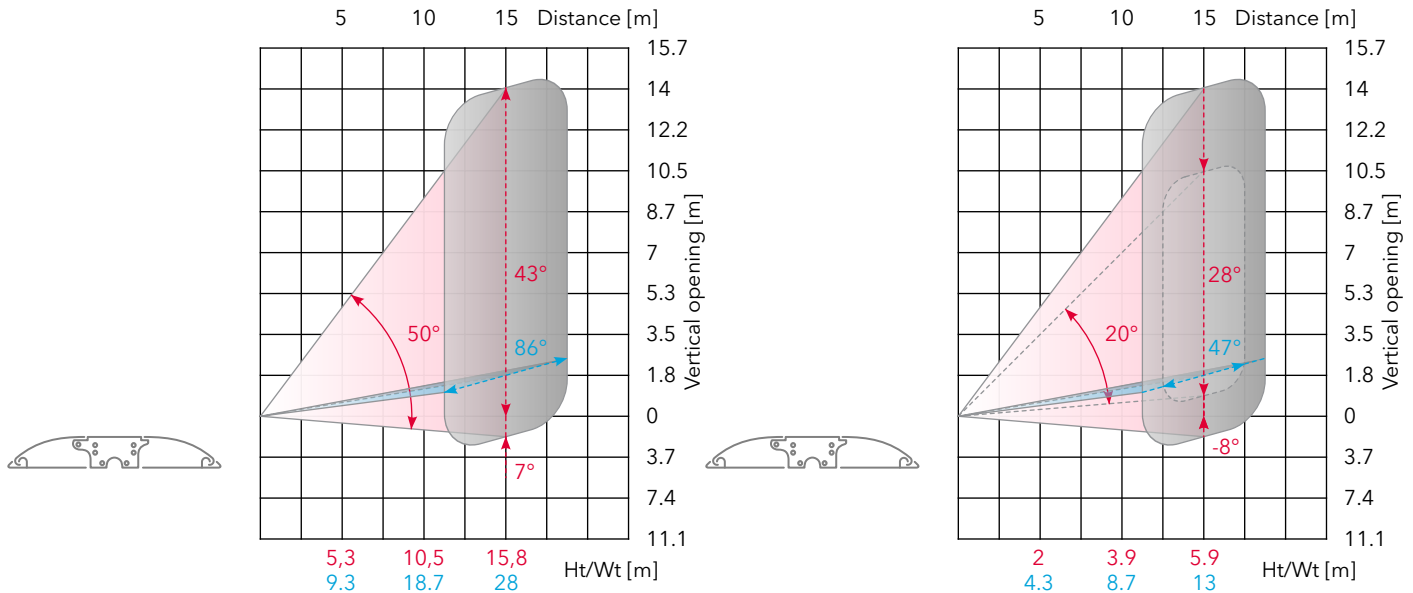
Fixture settings: DMX mode: 1; White Point 8000K On; All pixels On
Measurement date: 19.12.2023

Footsie 2

Photometric report

Field angle 50° x 86° - Barndoor-closed

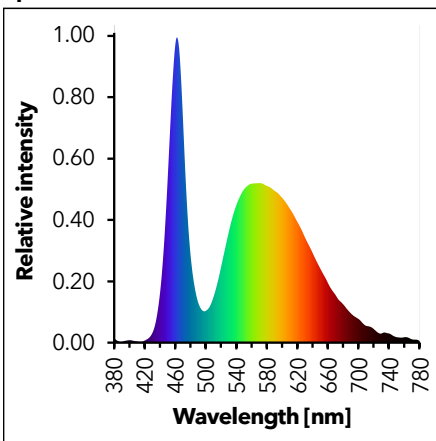
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
50° x 86°	4940 lm	4296 lm	35800 cd	90 W



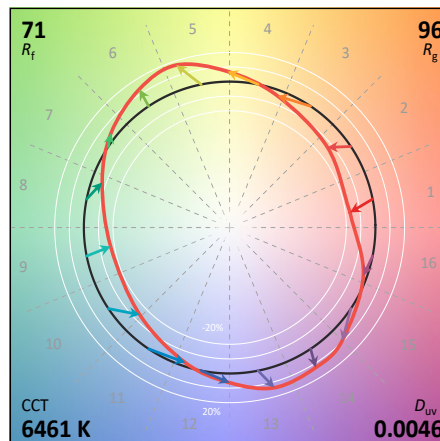
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
R+G+B+W	1432/133	358/33	159/15	90/8	40/3.7	22/2.1	14/1.3	4296
Red	496/46	124/12	55/5	31/2.9	14/1.3	8/0.7	5/0.5	1488
Green	664/62	166/15	74/7	42/3.9	18/1.7	10/1	7/0.6	1992
Blue	112/10	28/2.6	12/1.2	7/0.7	3.1/0.3	1.8/0.2	1.1/0.1	336
White	976/91	244/23	108/10	61/6	27/2.5	15/1.4	10/0.9	2928

Spectrum



TM-30



Color temperature	CCT	6461 K
Color Deviation from Black	Duv	0.0046
Color Coordinate CIE 1931	x	0.3131
	y	0.3321
Color Coordinate	u	0.1969
	v	0.3133

Color rendering index	CRI	70
Red component	CRI R9	-31
Color fidelity	TM30 Rf	71
Color gamut	TM30 Rg	96
Television consistency Index	TLCI	48

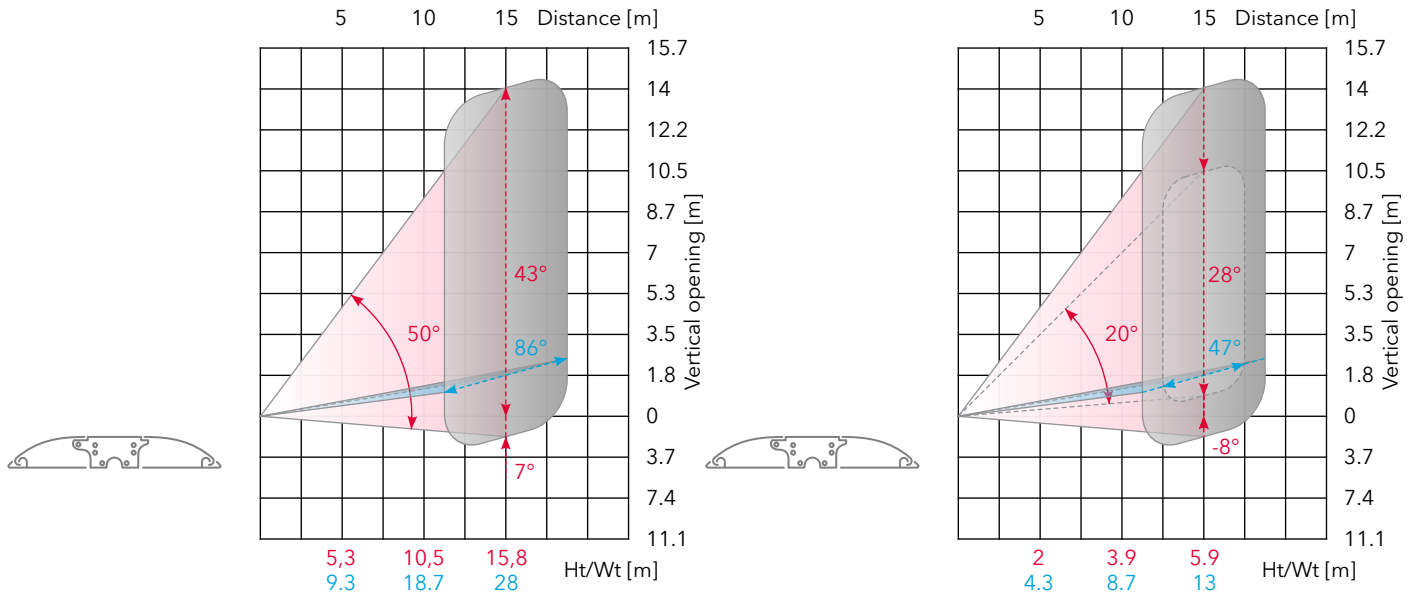
Fixture settings: DMX mode: 1; White Point 8000K On; All pixels On
Measurement date: 19.12.2023

Footsie 2

Photometric report

Field angle 50° x 86° - Barndoor-opened

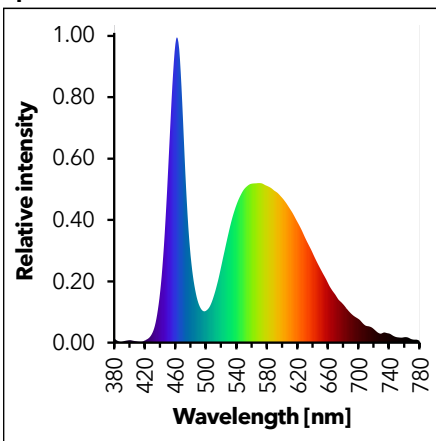
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
50° x 86°	4908 lm	4268 lm	35400 cd	90 W



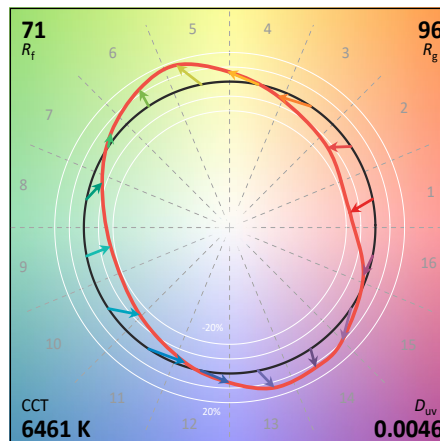
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
R+G+B+W	1416/132	354/33	157/15	89/8	39/3.7	22/2.1	14/1.3	4268
Red	488/45	122/11	54/5	31/2.8	14/1.3	8/0.7	4.9/0.5	1471
Green	656/61	164/15	73/7	41/3.8	18/1.7	10/1	7/0.6	1977
Blue	112/10	28/2.6	12/1.2	7/0.7	3.1/0.3	1.8/0.2	1.1/0.1	338
White	968/90	242/22	108/10	61/6	27/2.5	15/1.4	10/0.9	2918

Spectrum



TM-30



Color temperature	CCT	6461 K
Color Deviation from Black	Duv	0.0046
Color Coordinate CIE 1931	x	0.3131
	y	0.3321
Color Coordinate	u	0.1969
	v	0.3133

Color rendering index	CRI	70
Red component	CRI R9	-31
Color fidelity	TM30 Rf	71
Color gamut	TM30 Rg	96
Television consistency Index	TLCI	48

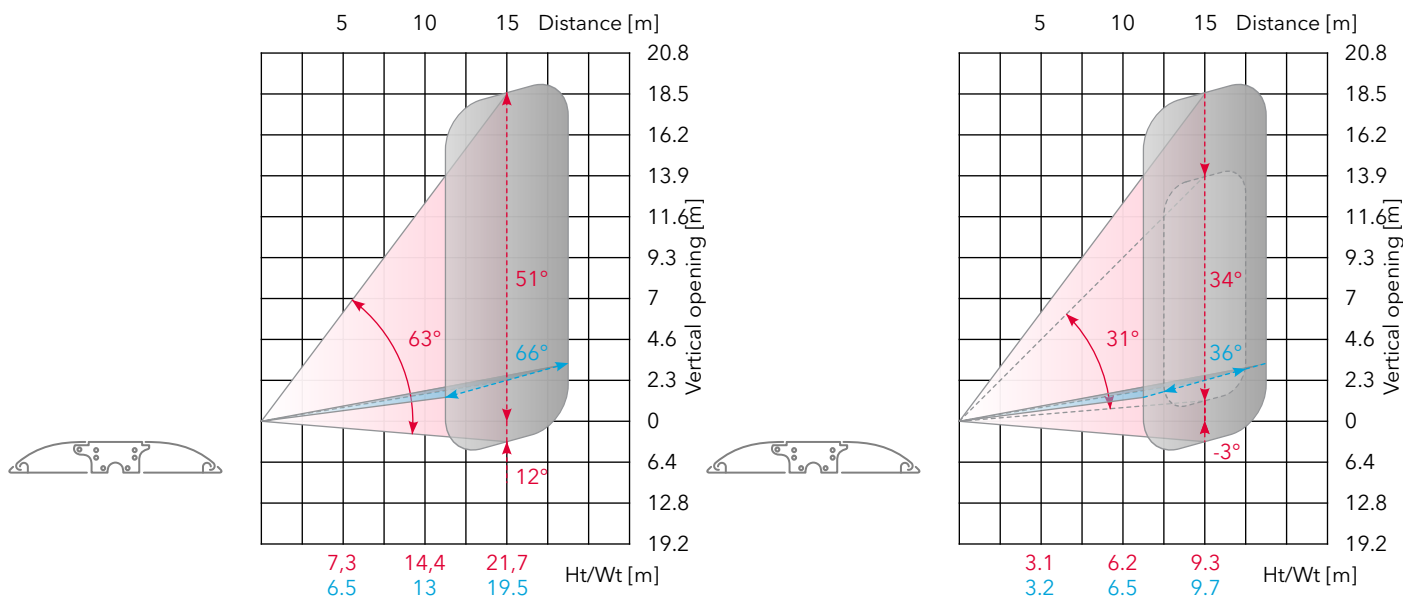
Fixture settings: DMX mode: 1; White Point 8000K On; All pixels On
Measurement date: 19.12.2023

Footsie 2

Photometric report

Field angle 63° x 66° - Barndoor-opened Frost-20dg x 1dg

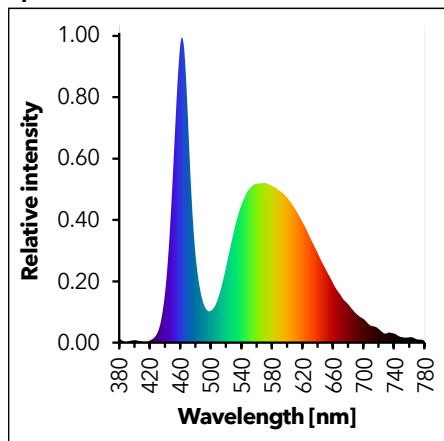
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
63° x 66°	2167 lm	1884 lm	18700 cd	90 W



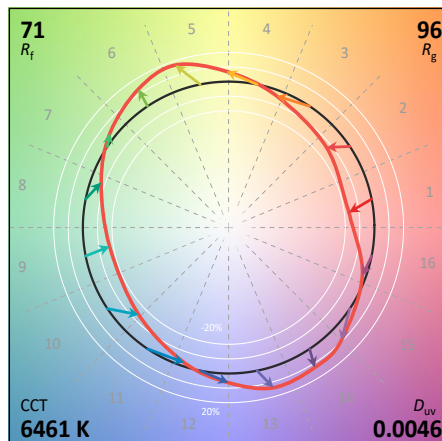
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
R+G+B+W	748/69	187/17	83/8	47/4.3	21/1.9	12/1.1	7/0.7	1884
Red	260/24	65/6	29/2.7	16/1.5	7/0.7	4.1/0.4	2.6/0.2	655
Green	348/32	87/8	39/3.6	22/2	10/0.9	5/0.5	3.5/0.3	877
Blue	60/6	15/1.4	7/0.6	3.8/0.3	1.7/0.2	0.9/0.1	0.6/0.1	151
White	508/47	127/12	56/5	32/2.9	14/1.3	8/0.7	5/0.5	1280

Spectrum



TM-30



Color temperature	CCT	6461 K
Color Deviation from Black	Duv	0.0046
Color Coordinate CIE 1931	x	0.3131
	y	0.3321
Color Coordinate	u	0.1969
	v	0.3133

Color rendering index	CRI	70
Red component	CRI R9	-31
Color fidelity	TM30 Rf	71
Color gamut	TM30 Rg	96
Television consistency Index	TLCI	48

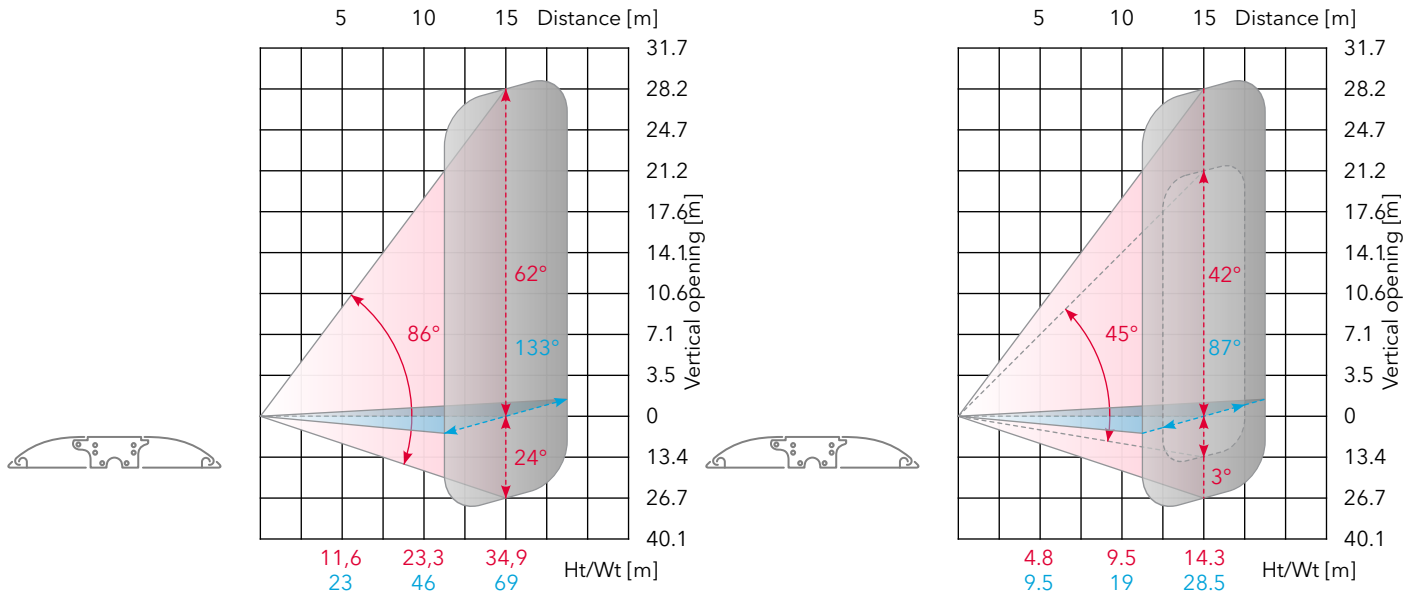
Fixture settings: DMX mode: 1; White Point 8000K On; All pixels On
Measurement date: 19.12.2023

Footsie 2

Photometric report

Field angle 86° x 133° - Barndoor-opened Frost-30dg x 60dg

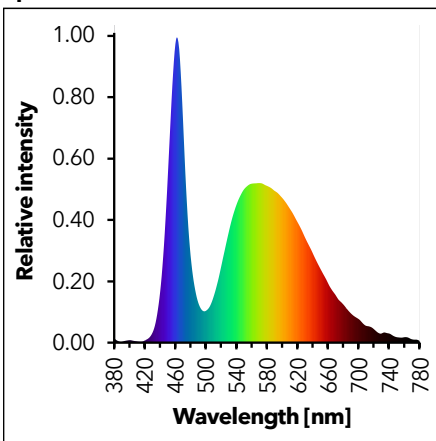
Field angle	Total lumen output (integrating sphere)	Total lumen output (goniophotometer)	Peak candela	Power
86° x 133°	3608 lm	3137 lm	10400 cd	90 W



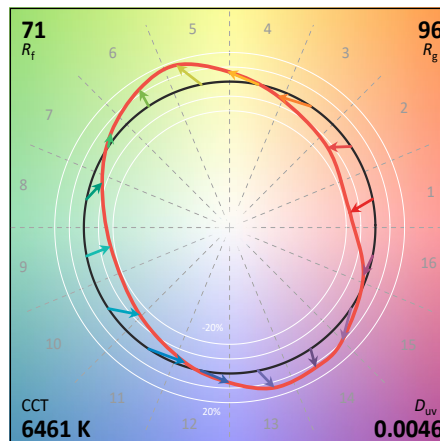
Center beam intensity [lx]/[fcd]; Total lumen output [lm] measured by goniophotometer

Distance	5 m	10 m	15 m	20 m	30 m	40 m	50 m	Total lumens
R+G+B+W	416/39	104/10	46/4.3	26/2.4	12/1.1	7/0.6	4.2/0.4	3137
Red	144/13	36/3.3	16/1.5	9/0.8	4/0.4	2.3/0.2	1.4/0.1	1086
Green	192/18	48/4.5	21/2	12/1.1	5/0.5	3/0.3	1.9/0.2	1448
Blue	32/3	8/0.7	3.6/0.3	2/0.2	0.9/0.1	0.5/0	0.3/0	241
White	284/26	71/7	32/2.9	18/1.6	8/0.7	4.4/0.4	2.8/0.3	2142

Spectrum



TM-30

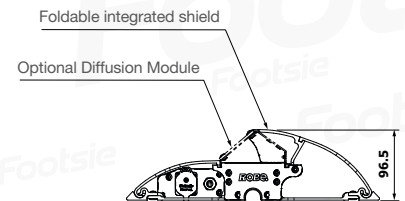
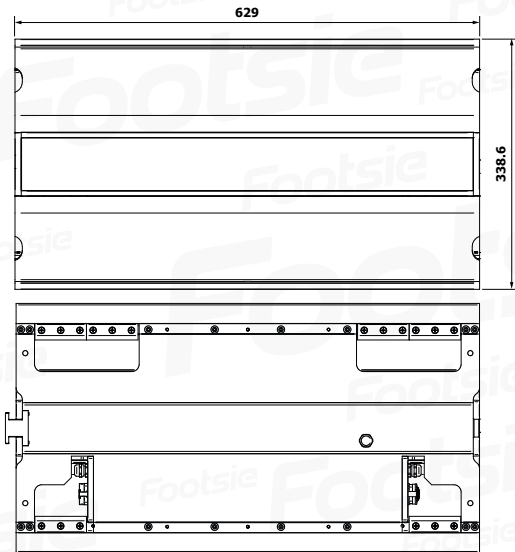


Color temperature	CCT	6461 K
Color Deviation from Black	Duv	0.0046
Color Coordinate CIE 1931	x	0.3131
	y	0.3321
Color Coordinate	u	0.1969
	v	0.3133

Color rendering index	CRI	70
Red component	CRI R9	-31
Color fidelity	TM30 Rf	71
Color gamut	TM30 Rg	96
Television consistency Index	TLCI	48

Fixture settings: DMX mode: 1; White Point 8000K On; All pixels On
Measurement date: 19.12.2023

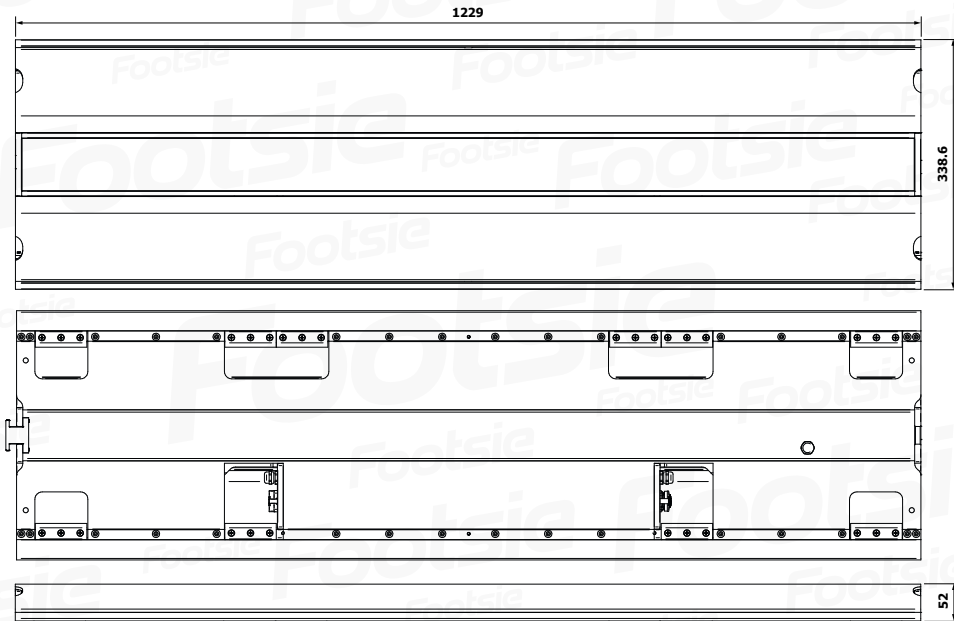
Footsie1™



All covers in closed position



Footsie2™



Foldable integrated shield

Optional Diffusion Module



All covers in closed position



FOOTSIE1™ / FOOTSIE2™ LED VARIANTS



RGBW



TW



WW



Safety BluMark™

Footsie¹™

Footsie²™



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