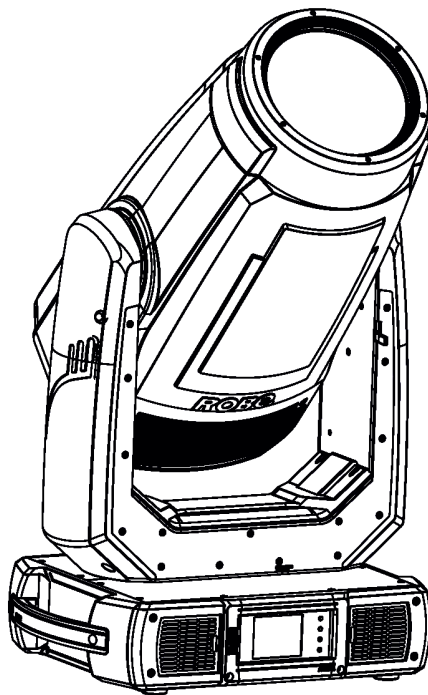


ROBE

ROBIN[®] Forte HCF



Photometric diagrams

Version 1.0

ROBE[®] lighting s.r.o. • Czech Republic • www.robe.cz

Conditions of measurement

Date of measurement

September 26, 2021

Measuring environment

Ambient temperature: 25 °C

Humidity: 58%

Atmospheric pressure: 101311 Pa

Measuring equipment

KONICA MINOLTA Illuminance Spectrophotometer CL-500A

KONICA MINOLTA CRI Illuminance meter CL-70F

KROCHMANN Luxmeter Radiolux 111

Measuring distance

5 m

Fixture settings*Auto mode*

DMX mode: 1

Fans: Auto

Dimmer curve: Square Law

Shutter: Open

Dimmer: Open

No effect in light beam

High mode

DMX mode: 1

Fans: High

Dimmer curve: Square Law

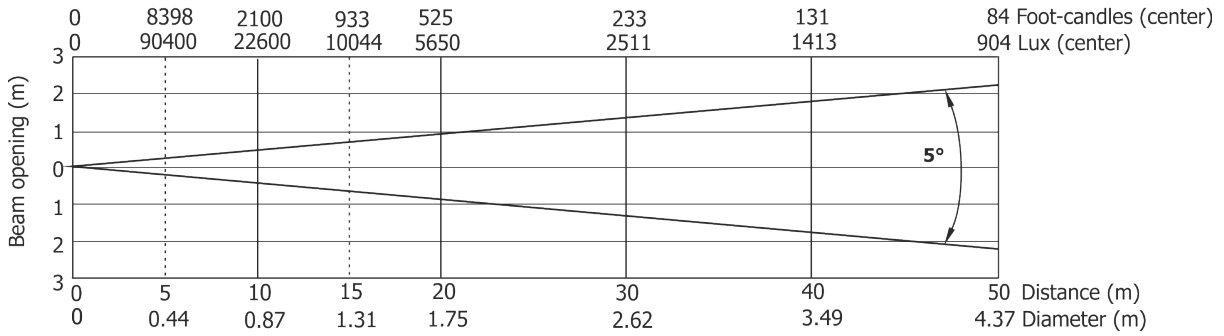
Shutter: Open

Dimmer: Open

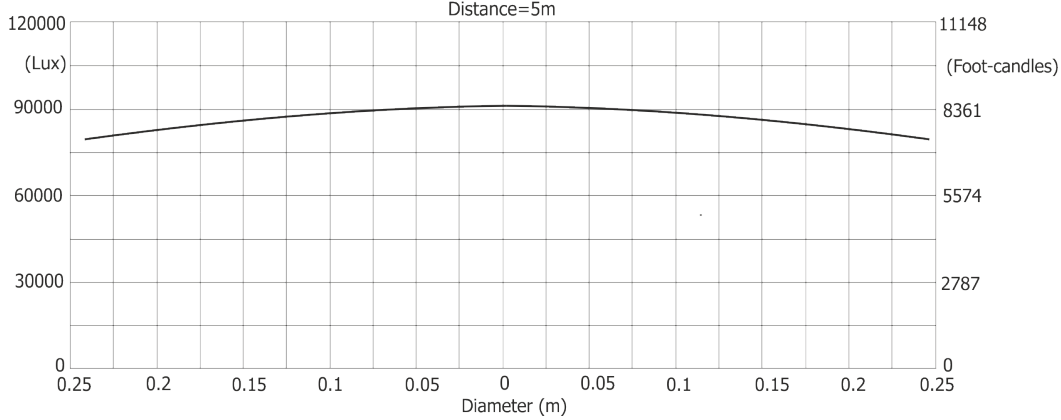
No effect in light beam

Basic Photometric Report - Min. zoom - Auto mode

Total Output: 12591 lumens

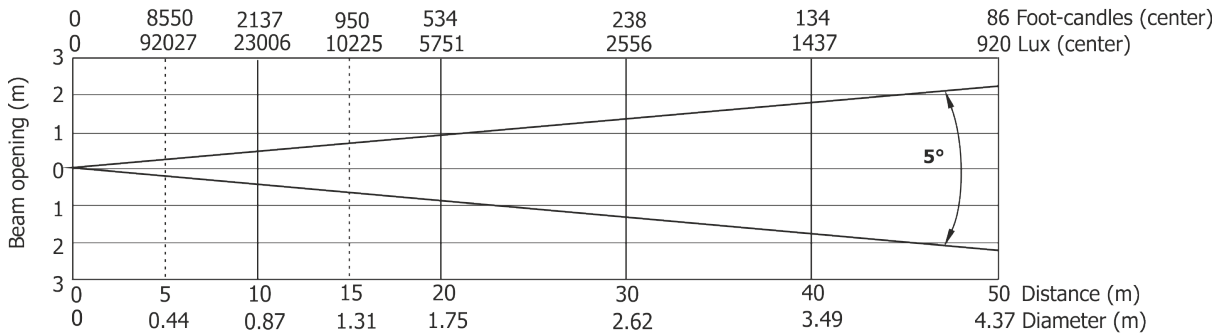


Illuminance distribution

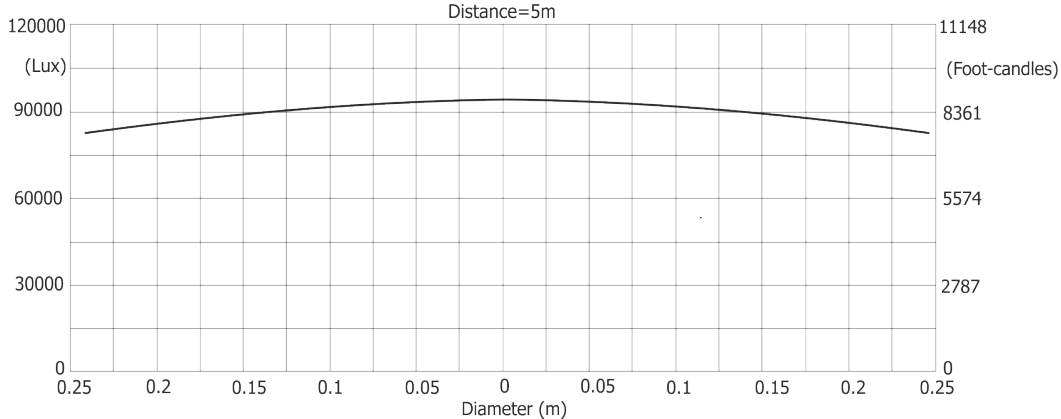


Basic Photometric Report - Min. zoom - High mode

Total Output: 12818 lumens



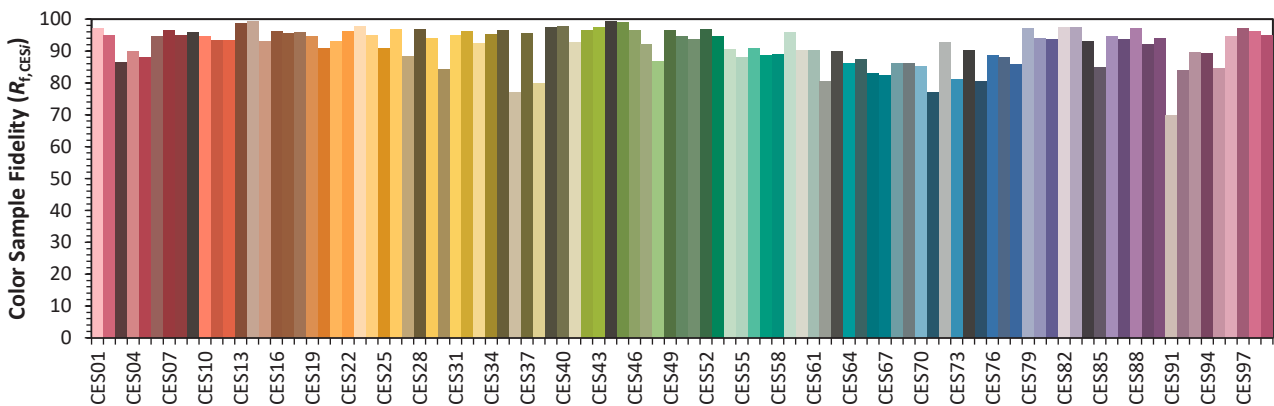
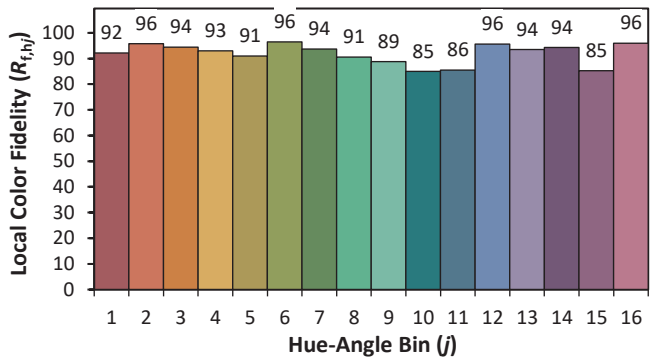
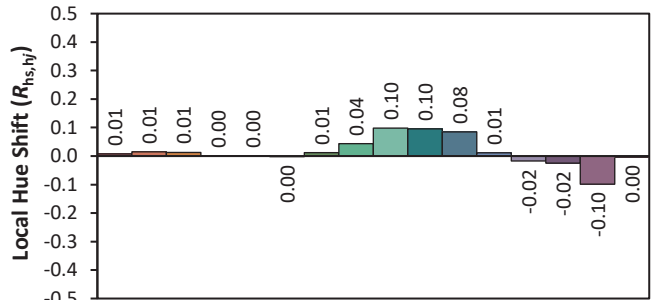
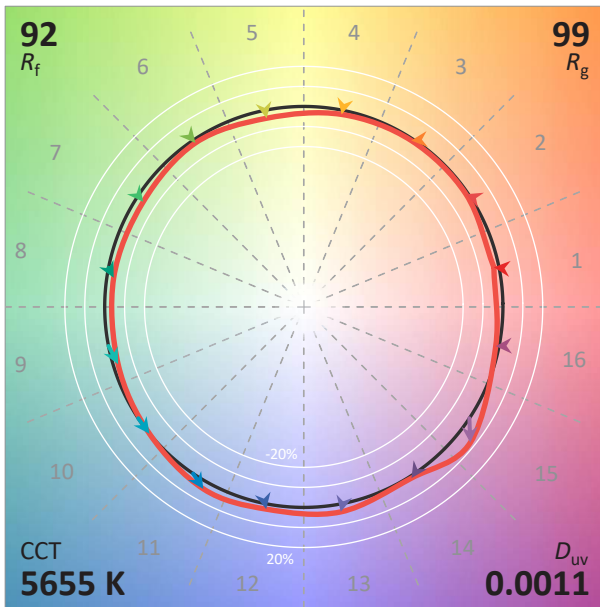
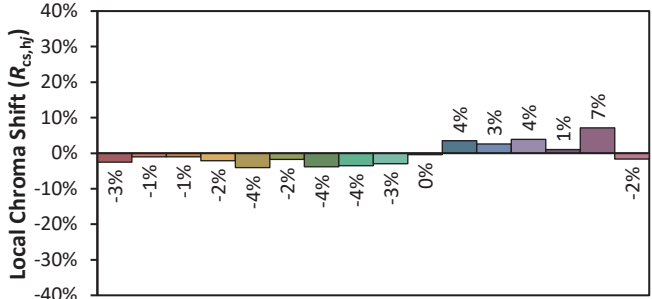
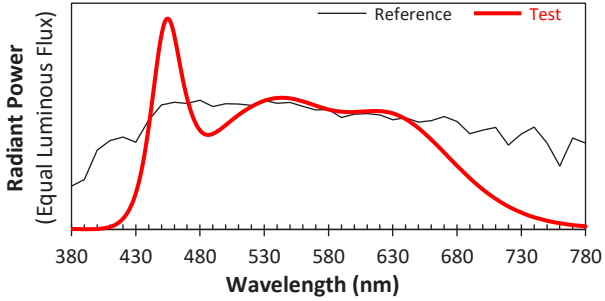
Illuminance distribution



ANSI/IES TM-30-18 Color Rendition Report - Min. Zoom

Source: Forte HCF - Min zoom
Date: 23.08.2021

Manufacturer: ROBE Lighting s.r.o.



Notes:

x **0.3290**
 y **0.3402**
 u' **0.2048**
 v' **0.4766**

CIE 13.3-1995 (CRI)	
R_a	97
R_g	87

Colors are for visual orientation purposes only.

TLCI Report - Min. Zoom

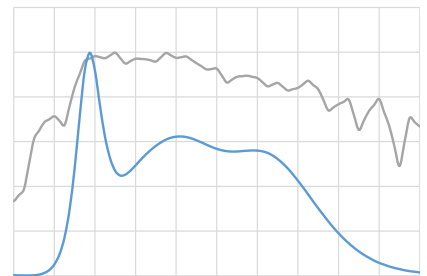
Source: Forte HCF - Min zoom Manufacturer: ROBE Lighting s.r.o.

Direct spectrum input: CCT = D5654 (+0.2)

TLCI-2012: 96 (D5654)

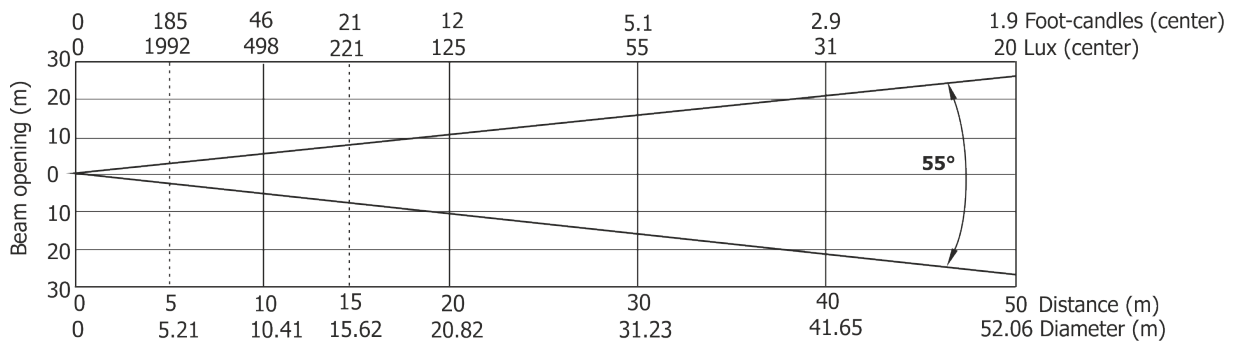


Sector	Lightness	Chroma	Hue
R	0	0	0
R/Y	0	0	0
Y	0	0	-
Y/G	0	0	0
G	0	0	0
G/C	0	0	0
C	0	0	0
C/B	0	0	-
B	0	-	-
B/M	0	0	0
M	0	0	0
M/R	+	0	0



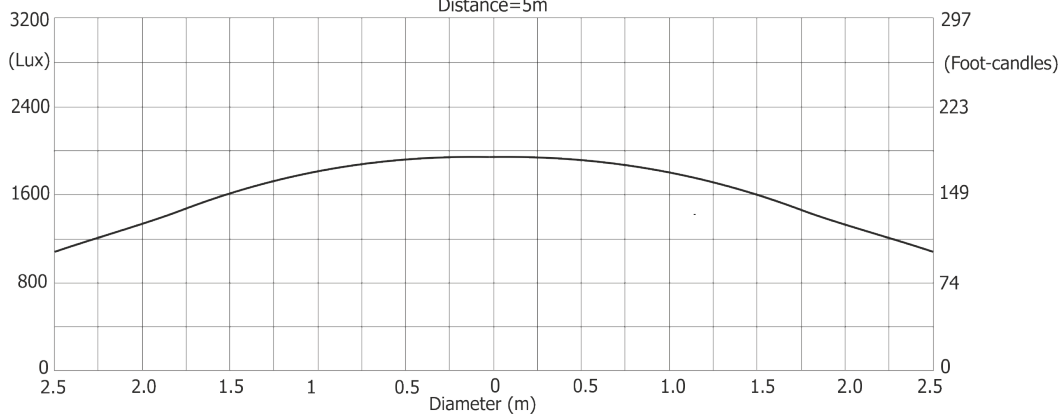
Basic Photometric Report - Max. zoom - Auto mode

Total Output: 28000 lumens



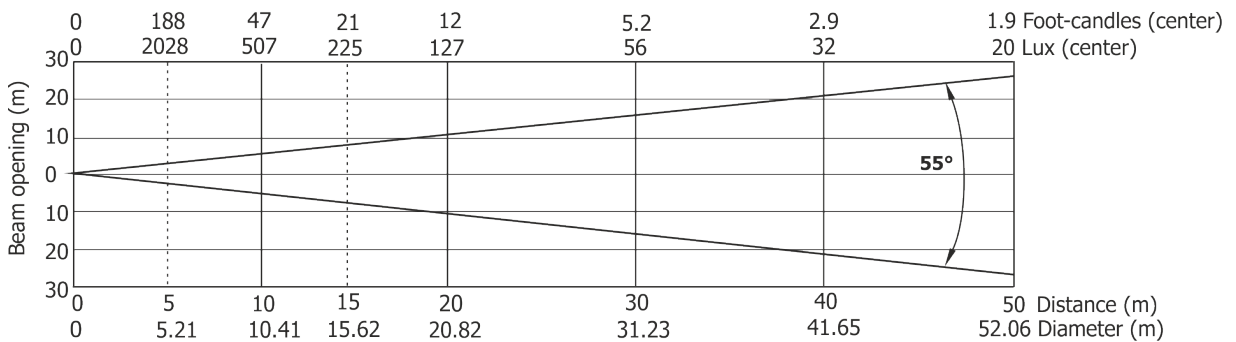
Illuminance distribution

Distance=5m



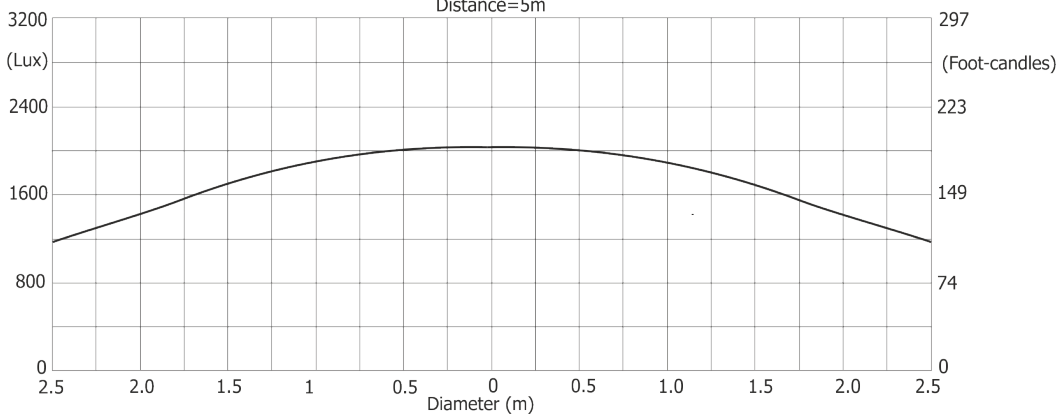
Basic Photometric Report - Max. zoom - High mode

Total Output: 28504 lumens



Illuminance distribution

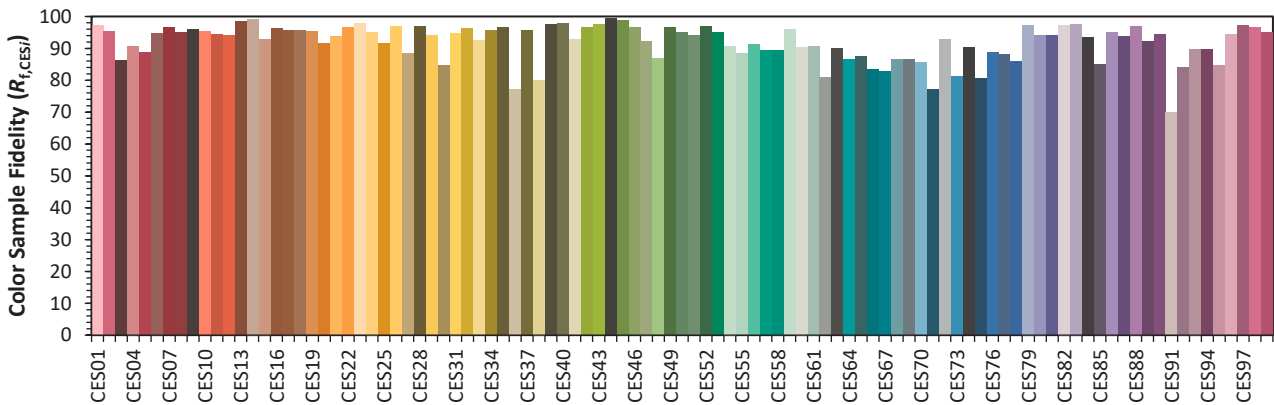
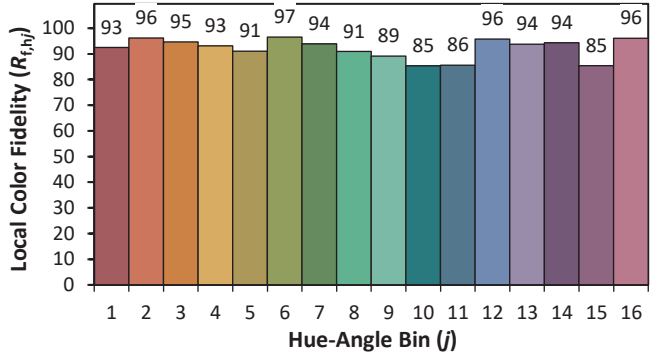
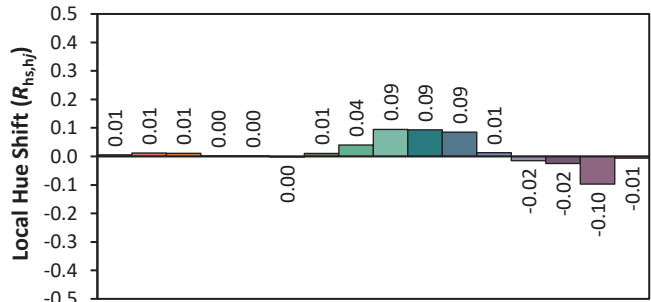
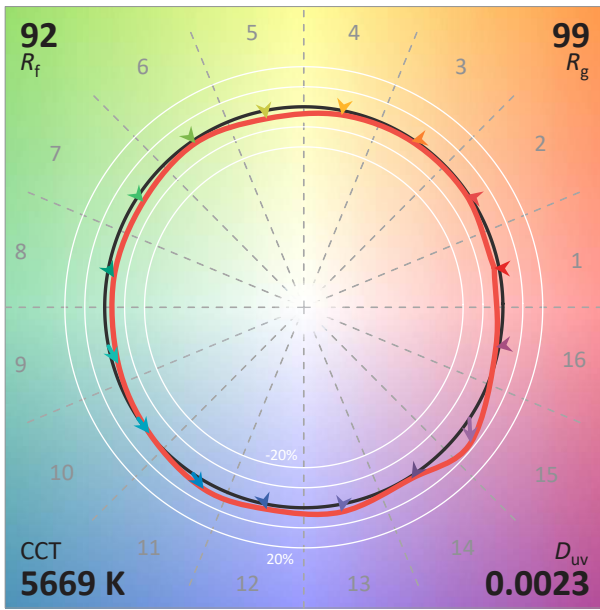
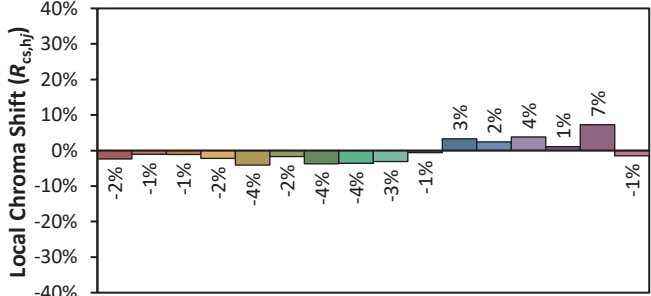
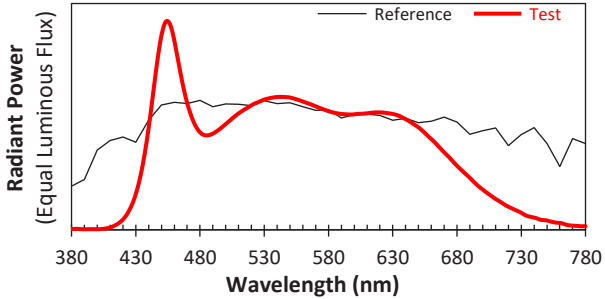
Distance=5m



ANSI/IES TM-30-18 Color Rendition Report - Max. Zoom

Source: Forte HCF - Max zoom
 Date: 23.08.2021

Manufacturer: ROBE Lighting s.r.o.



Notes:

x 0.3286
 y 0.3422
 u' 0.2038
 v' 0.4776

CIE 13.3-1995
 (CRI)
 R_a 97
 R_g 87

Colors are for visual orientation purposes only.

TLCI Report - Max. Zoom

Source: Forte HCF - Max zoom

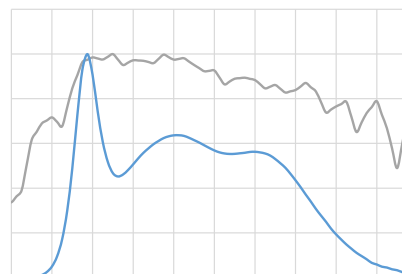
Manufacturer: ROBE Lighting s.r.o.

Direct spectrum input: CCT = D5668 (+0.4)

TLCI-2012: 97 (D5668)

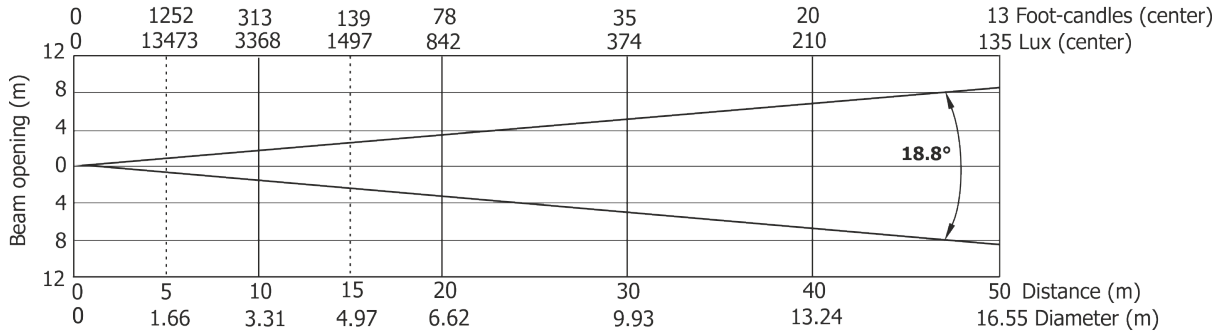


Sector	Lightness	Chroma	Hue
R	0	0	0
R/Y	0	0	0
Y	0	0	-
Y/G	0	0	0
G	0	0	0
G/C	0	0	0
C	0	0	0
C/B	0	0	-
B	0	-	-
B/M	0	0	0
M	0	0	0
M/R	+	0	0

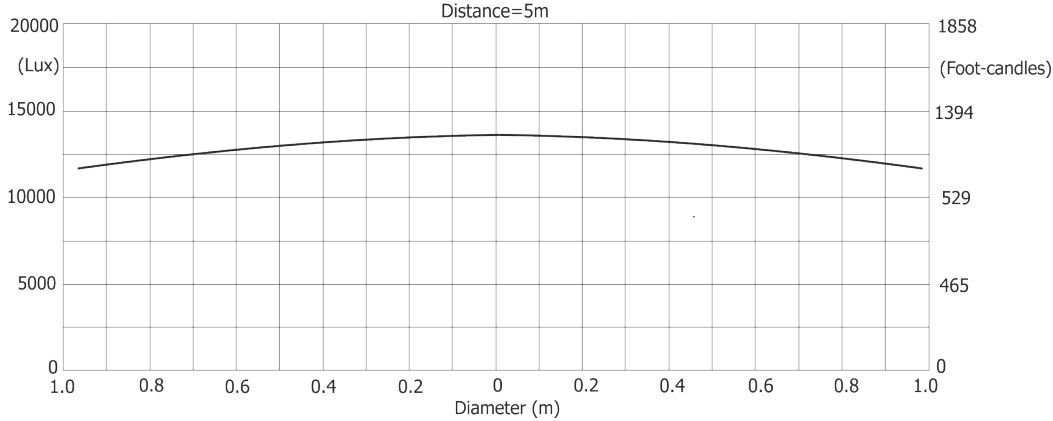


Basic Photometric Report - Medium zoom - Auto mode

Total Output: 26300 lumens

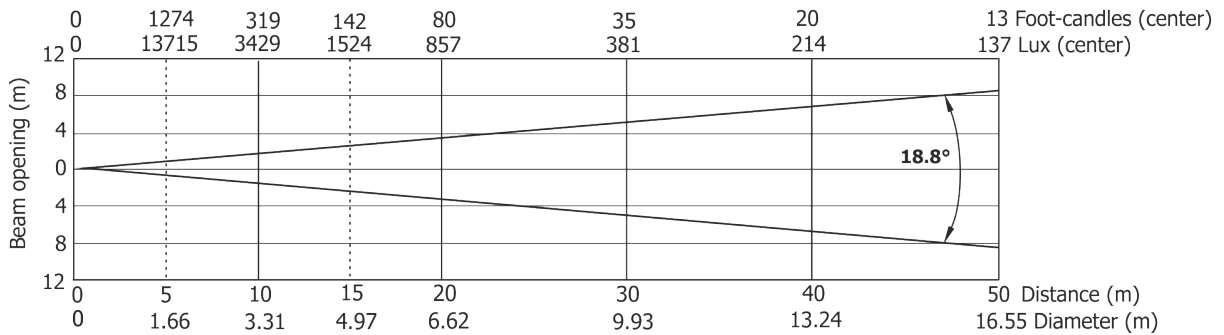


Illuminance distribution

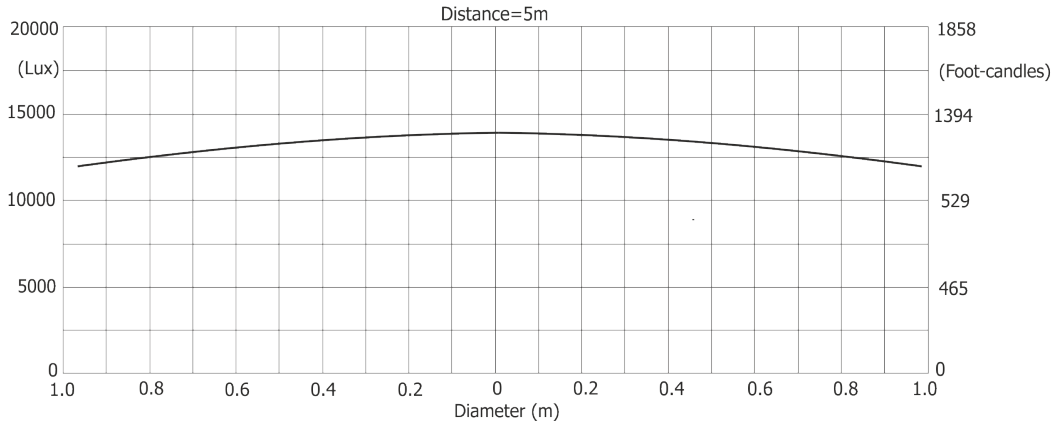


Basic Photometric Report - Medium zoom - High mode

Total Output: 26773 lumens



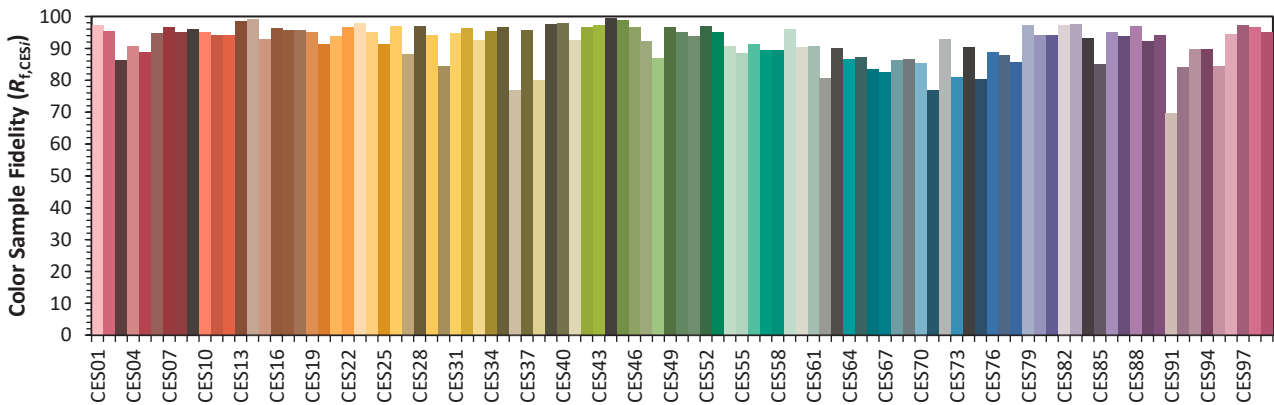
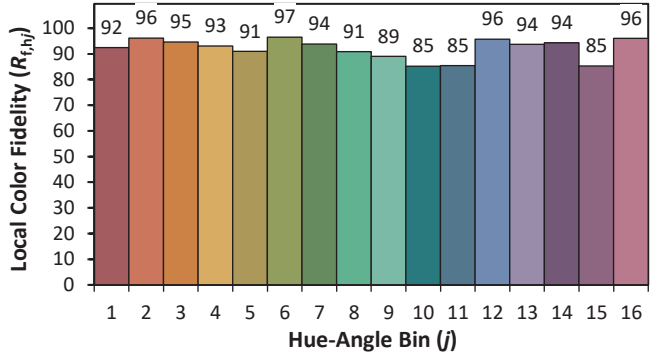
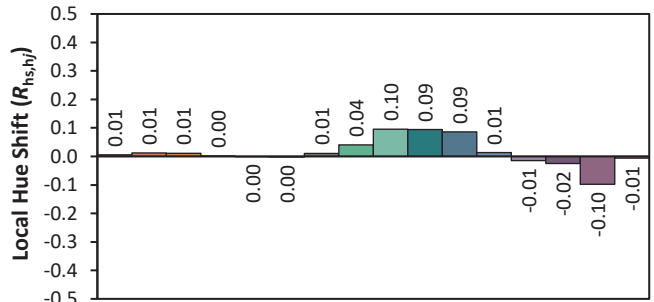
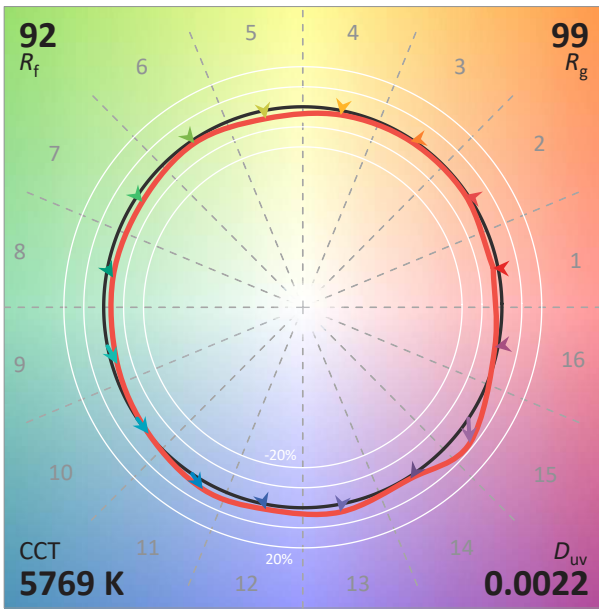
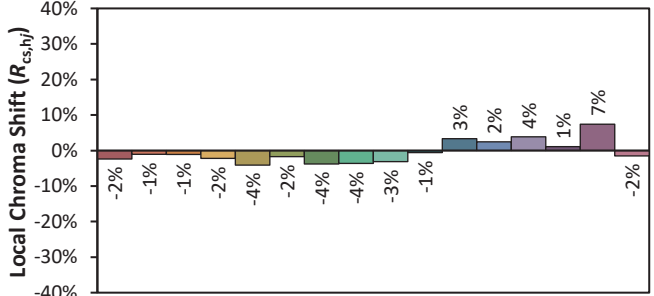
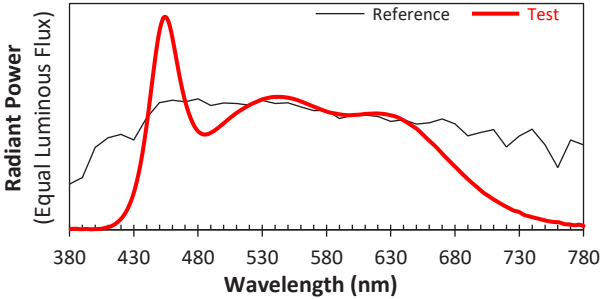
Illuminance distribution



ANSI/IES TM-30-18 Color Rendition Report - Medium Zoom

Source: Forte HCF - Mid zoom
 Date: 23.08.2021

Manufacturer: ROBE Lighting s.r.o.



Notes:

x 0.3265
 y 0.3401
 u' 0.2031
 v' 0.4762

CIE 13.3-1995
 (CRI)
 R_a 97
 R_g 88

Colors are for visual orientation purposes only.

TLCI Report - Medium Zoom

Source: Forte HCF - Mid zoom Manufacturer: ROBE Lighting s.r.o.

Direct spectrum input: CCT = D5768 (+0.4)

TLCI-2012: 97 (D5768)



Sector	Lightness	Chroma	Hue
R	0	0	0
R/Y	0	0	0
Y	0	0	-
Y/G	0	0	0
G	0	0	0
G/C	0	0	0
C	0	0	0
C/B	0	0	-
B	0	-	-
B/M	0	0	0
M	0	0	0
M/R	+	0	0

