

# PHOTOMETRIC TEST REPORT



## **FIXTURE DATA**

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**Manufacturer:** Clay Paky s.r.l.  
**Fixture model:** TAMBORA STORMY LINEAR  
**Date:** 2025-04-18

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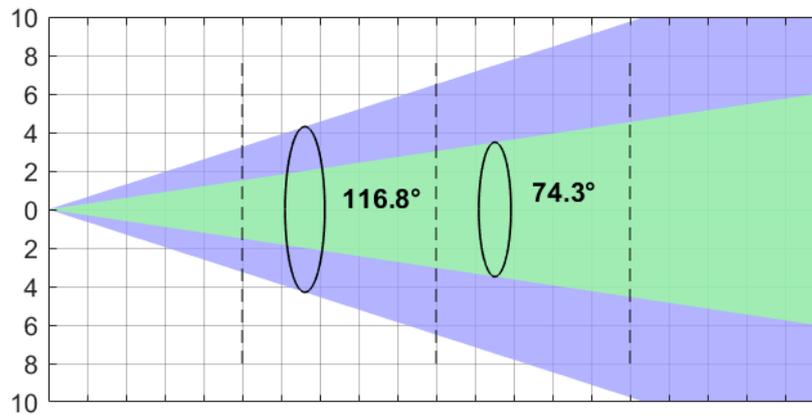
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**FAN MODE: AUTO**

**Auto Fan mode (116.8° 10% - 74.3° 50%)**

**Total Output: 8268 lumens**

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
Full Colour	526 (49)	131 (12)	58 (5)	33 (3)
Red	648 (60)	162 (15)	72 (7)	41 (4)
Green	805 (75)	201 (19)	89 (8)	50 (5)
Blue	125 (12)	31 (3)	14 (1)	8 (1)
CTO 4%	657 (61)	164 (15)	73 (7)	41 (4)
CTO 100%	601 (56)	150 (14)	67 (6)	38 (3)



Distance	m (ft in)	0	2 (6' 7")	4 (13' 1")	6 (19' 8")	8 (26' 3")
Diameter 10%	m (ft in)	0	6.50 (21' 4")	13.00 (42' 8")	19.50 (63' 12")	26.00 (85' 4")
Diameter 50%	m (ft in)	0	3.04 (9' 12")	6.08 (19' 11")	9.12 (29' 11")	12.16 (39' 11")

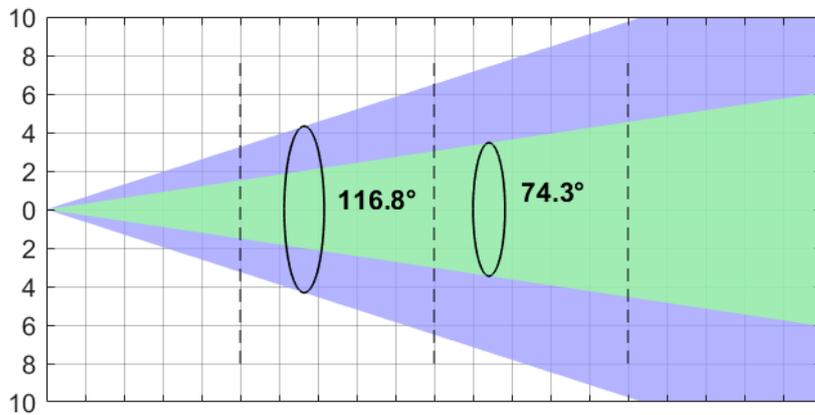
\*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

**FAN MODE: CONSTANT**

**Constant Fan mode (116.8° 10% - 74.3° 50%)**

**Total Output: 8232 lumens**

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
Full Colour	523 (49)	131 (12)	58 (5)	33 (3)
Red	648 (60)	162 (15)	72 (7)	40 (4)
Green	806 (75)	201 (19)	90 (8)	50 (5)
Blue	129 (12)	32 (3)	14 (1)	8 (1)
CTO 4%	680 (63)	170 (16)	76 (7)	42 (4)
CTO 100%	602 (56)	151 (14)	67 (6)	38 (3)



Distance	m (ft in)	0	2 (6' 7")	4 (13' 1")	6 (19' 8")	8 (26' 3")
Diameter 10%	m (ft in)	0	6.50 (21' 4")	13.00 (42' 8")	19.50 (63' 12")	26.00 (85' 4")
Diameter 50%	m (ft in)	0	3.04 (9' 12")	6.08 (19' 11")	9.12 (29' 11")	12.16 (39' 11")

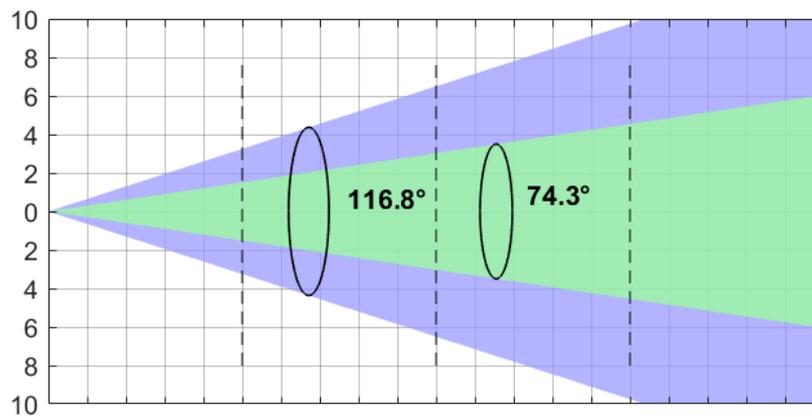
\*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

**FAN MODE: SILENT**

**Silent Fan mode (116.8° 10% - 74.3° 50%)**

**Total Output: 6924 lumens**

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
Full Colour	440 (41)	110 (10)	49 (5)	27 (3)
Red	567 (53)	142 (13)	63 (6)	35 (3)
Green	685 (64)	171 (16)	76 (7)	43 (4)
Blue	111 (10)	28 (3)	12 (1)	7 (1)
CTO 4%	578 (54)	144 (13)	64 (6)	36 (3)
CTO 100%	571 (53)	143 (13)	63 (6)	36 (3)



Distance	m (ft in)	0	2 (6' 7")	4 (13' 1")	6 (19' 8")	8 (26' 3")
Diameter 10%	m (ft in)	0	6.50 (21' 4")	13.00 (42' 8")	19.50 (63' 12")	26.00 (85' 4")
Diameter 50%	m (ft in)	0	3.04 (9' 12")	6.08 (19' 11")	9.12 (29' 11")	12.16 (39' 11")

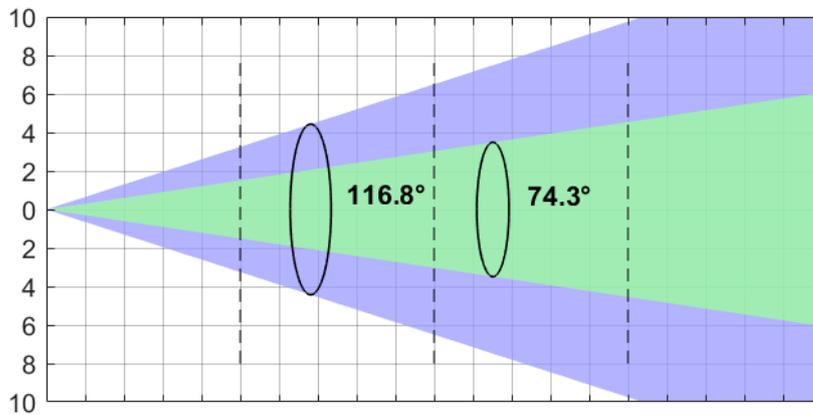
\*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

**FAN MODE: THEATRE**

**Theatre Fan mode (116.8° 10% - 74.3° 50%)**

**Total Output: 4602 lumens**

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
Full Colour	292 (27)	73 (7)	32 (3)	18 (2)
Red	326 (30)	82 (8)	36 (3)	20 (2)
Green	492 (46)	123 (11)	55 (5)	31 (3)
Blue	64 (6)	16 (1)	7 (1)	4 (0)
CTO 4%	378 (35)	95 (9)	42 (4)	24 (2)
CTO 100%	307 (28)	77 (7)	34 (3)	19 (2)



Distance	m (ft in)	0	2 (6' 7")	4 (13' 1")	6 (19' 8")	8 (26' 3")
Diameter 10%	m (ft in)	0	6.50 (21' 4")	13.00 (42' 8")	19.50 (63' 12")	26.00 (85' 4")
Diameter 50%	m (ft in)	0	3.04 (9' 12")	6.08 (19' 11")	9.12 (29' 11")	12.16 (39' 11")

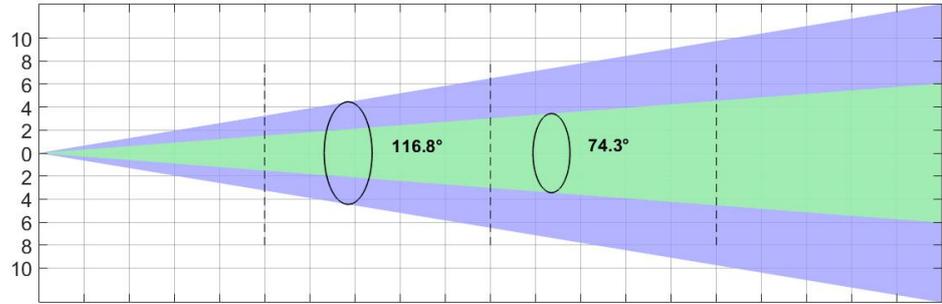
\*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

# FULL COLOR

## Full Colour + White Side lines (116.8° 10% - 74.3° 50%)

**Total Output:** 26776 lumens

Full Colour + White Side lines	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
White Side lines	1914 (178)	478 (44)	213 (20)	120 (11)
	1519 (141)	380 (35)	169 (16)	95 (9)



Distance	m (ft in)	0	2 (6' 7")	4 (13' 1")	6 (19' 8")	8 (26' 3")
Diameter 10% m (ft in)		0	6.50 (21' 4")	13.00 (42' 8")	19.50 (63' 12")	26.00 (85' 4")
Diameter 50% m (ft in)		0	3.04 (9' 12")	6.08 (19' 11")	9.12 (29' 11")	12.16 (39' 11")

\*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on

# TM-30: FULL COLOR

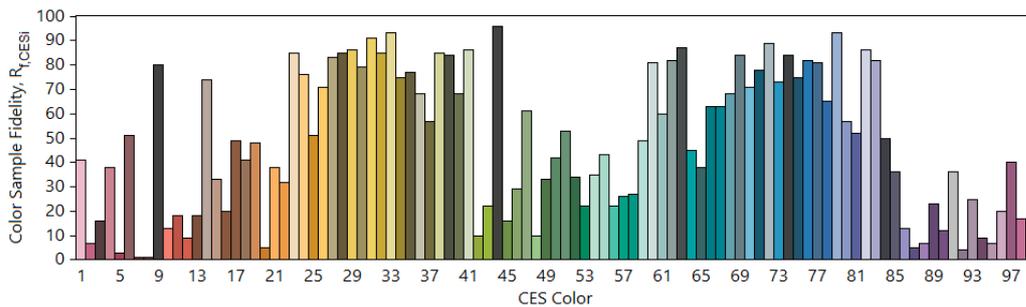
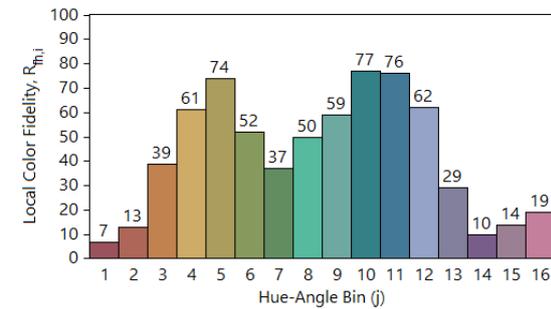
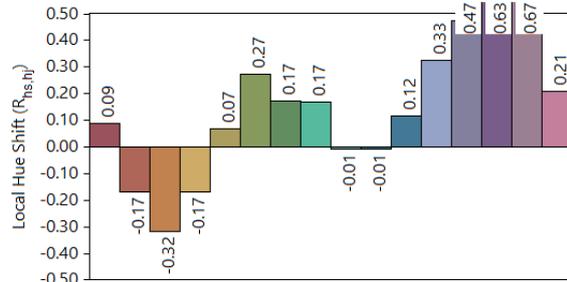
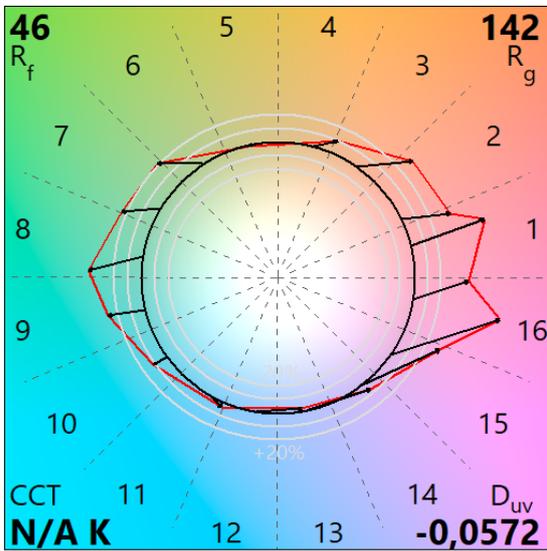
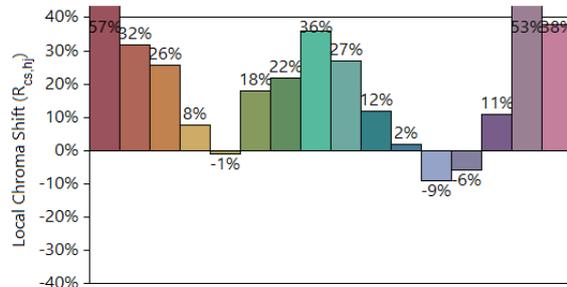
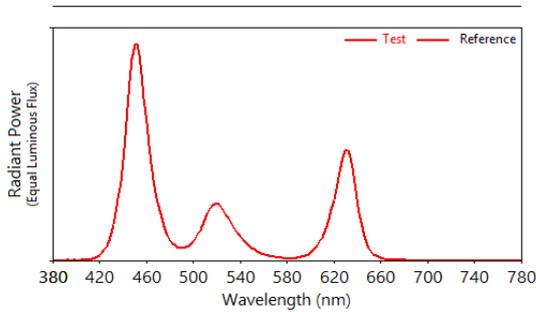
## IES TM-30-18 Color Rendition Report

Source: TAMBORA STORMY LINEAR

Manufacturer: CLAY PAKY

Date: 31.03.2025

Model: TAMBORA STORMY LINEAR



Notes: Full Color

x 0,2435  
y 0,1646  
u' 0,2170  
v' 0,3301

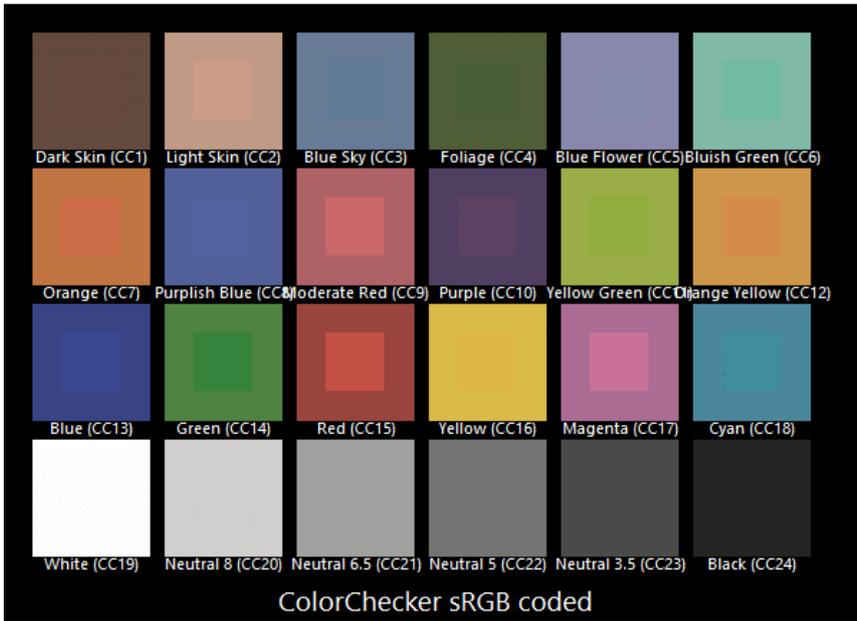
CIE 13.3-1995  
(CRI)  
R<sub>a</sub> N/A  
R<sub>g</sub> -361

Colors are for visual orientation purposes only.

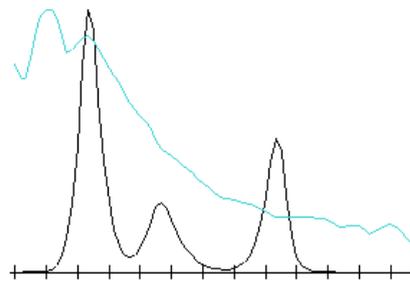
# TLCI-201: FULL COLOR

Direct spectrum input : CCT = D950000 (-10.6)

TLCI-2012 : 19 (D950000)



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



# TM-30: CTO 4%

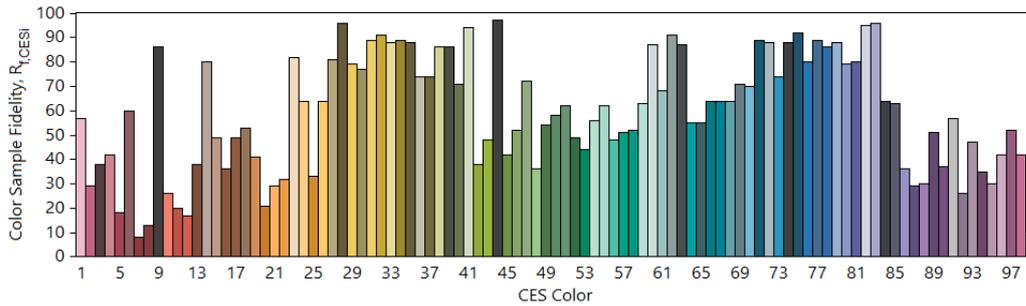
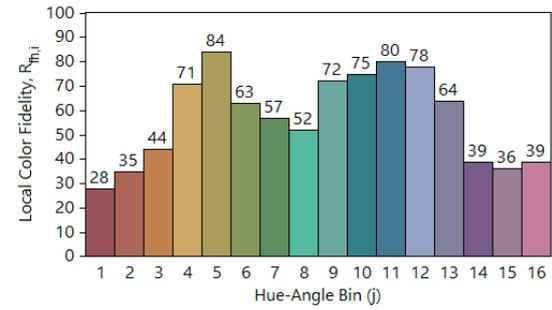
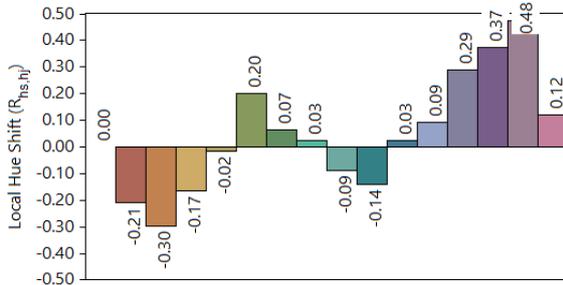
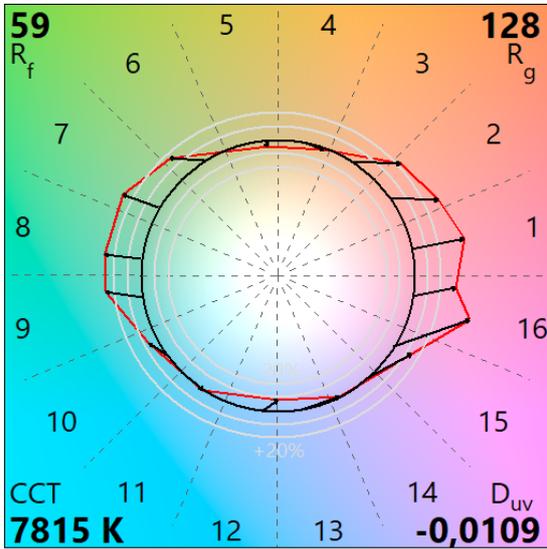
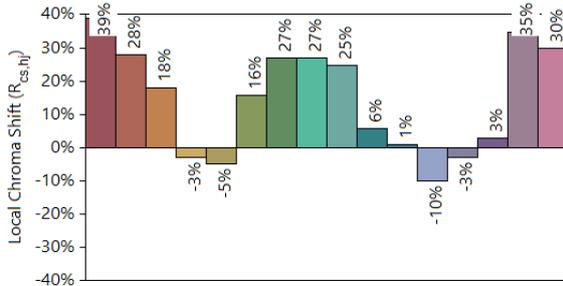
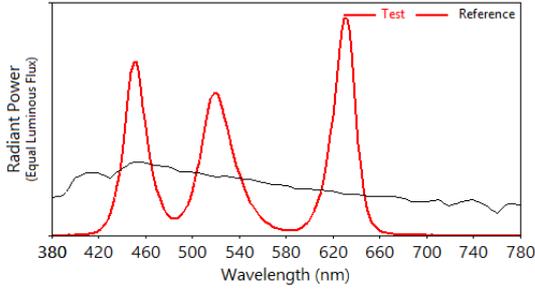
## IES TM-30-18 Color Rendition Report

Source: TAMBORA STORMY LINEAR

Manufacturer: CLAY PAKY

Date: 31.03.2025

Model: TAMBORA STORMY LINEAR



Notes: CTO 4%

x 0,3016  
y 0,2917  
u' 0,2045  
v' 0,4452

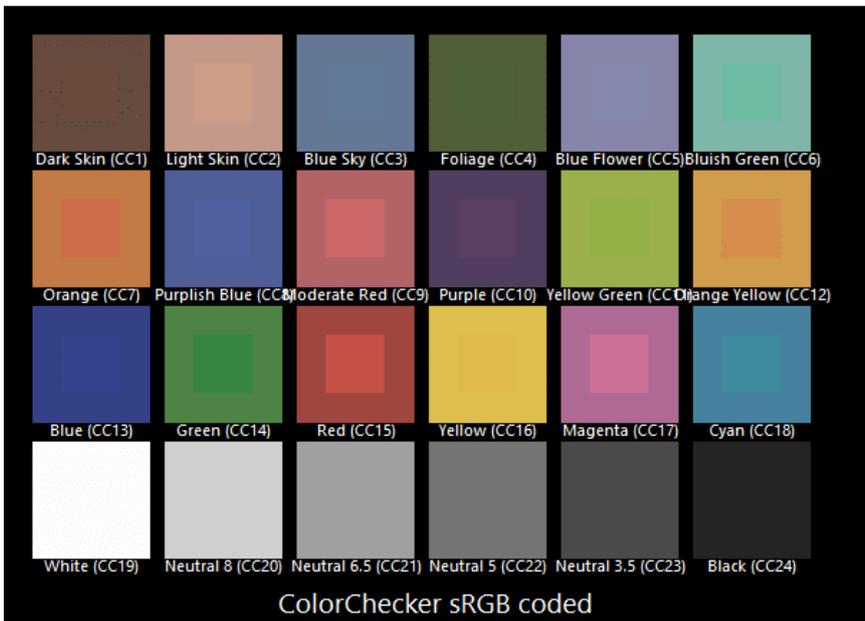
CIE 13.3-1995  
(CRI)  
 $R_a$  30  
 $R_g$  -224

Colors are for visual orientation purposes only.

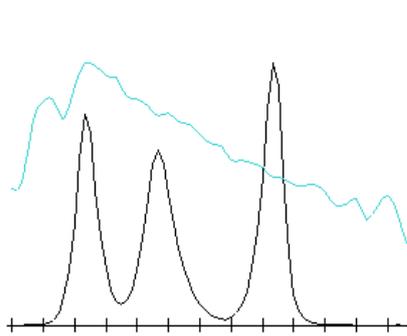
# TLCI-2012: CTO 4%

Direct spectrum input : CCT = D7815 (-2.6)

TLCI-2012 : 19 (D7815)



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



# TM-30: CTO 100%

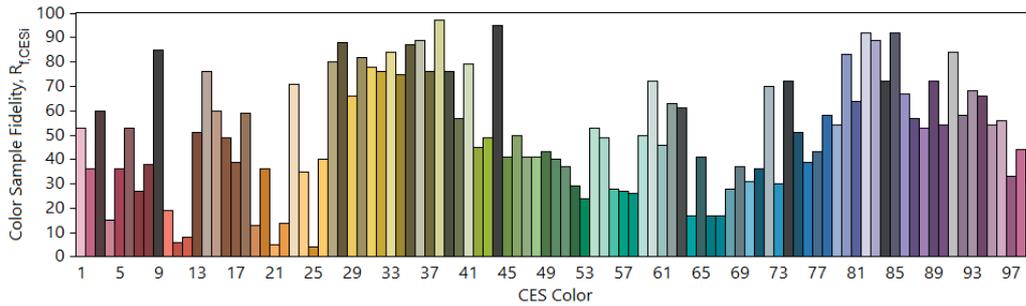
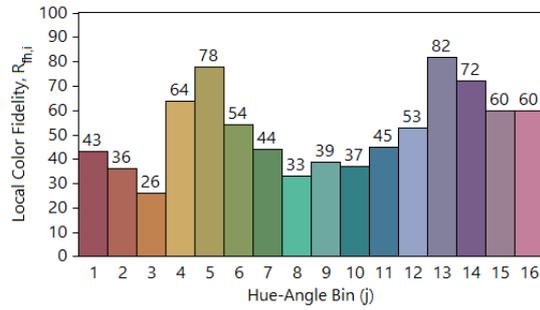
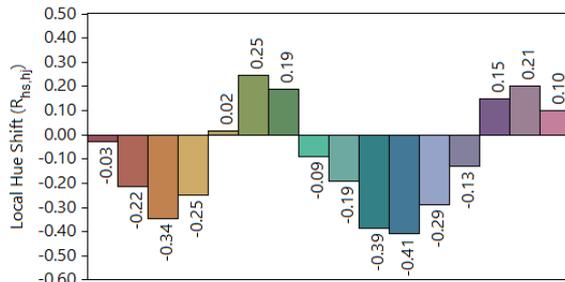
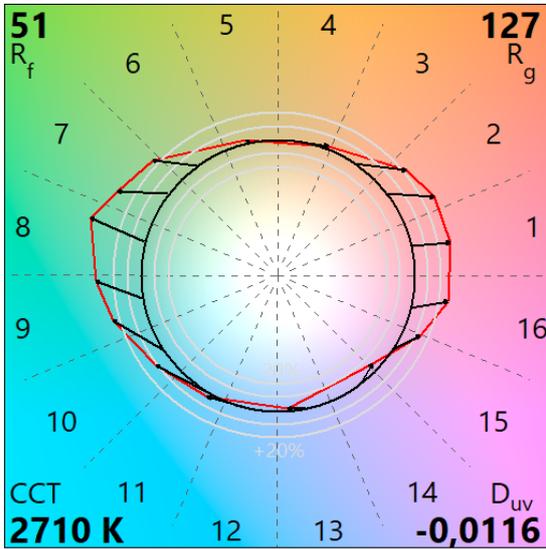
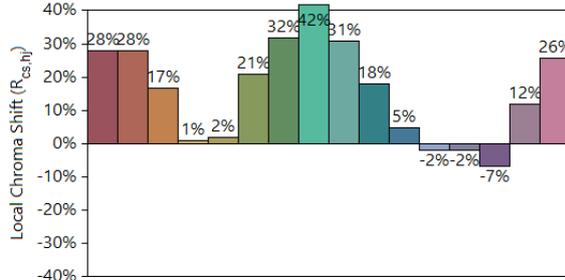
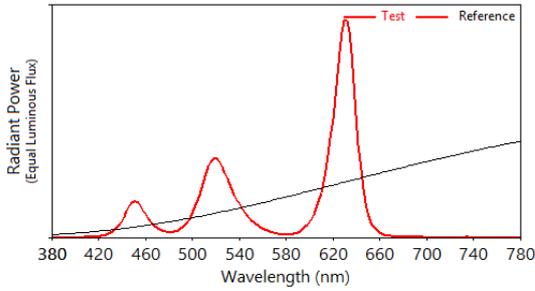
## IES TM-30-18 Color Rendition Report

Source: TAMBORA STORMY LINEAR

Manufacturer: CLAY PAKY

Date: 31.03.2025

Model: TAMBORA STORMY LINEAR



Notes: CTO 100%

x 0,4401  
y 0,3763  
u' 0,2653  
v' 0,5104

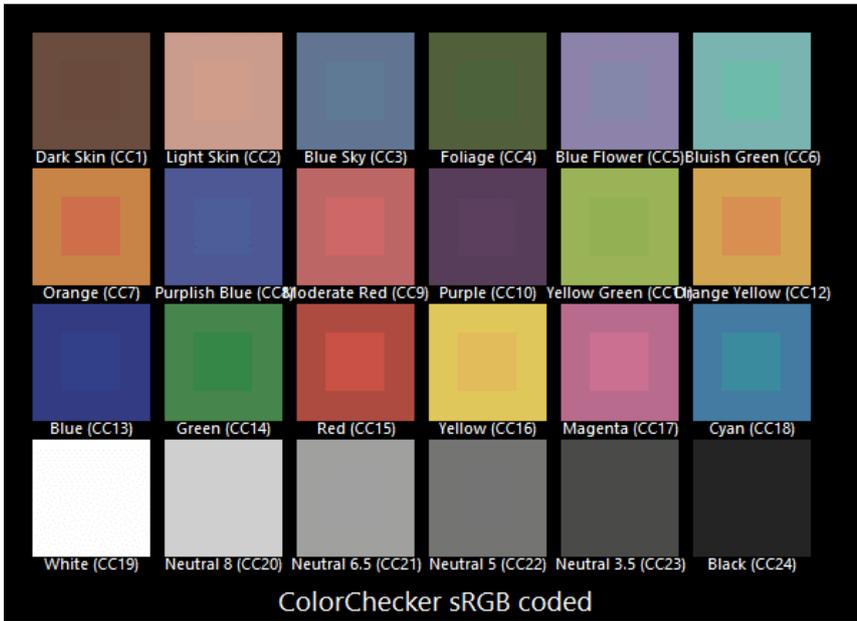
CIE 13.3-1995  
(CRI)  
R<sub>a</sub> 17  
R<sub>g</sub> -122

Colors are for visual orientation purposes only.

# TLCI-2012: CTO 100%

Direct spectrum input : CCT = P2710 (-2.2)

TLCI-2012 : 11 (P2710)



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

