

PHOTOMETRIC TEST REPORT



FIXTURE DATA

Manufacturer: Clay Paky s.r.l.
Fixture model: Arolla Aqua LT / FS
Date: 2025-01-17

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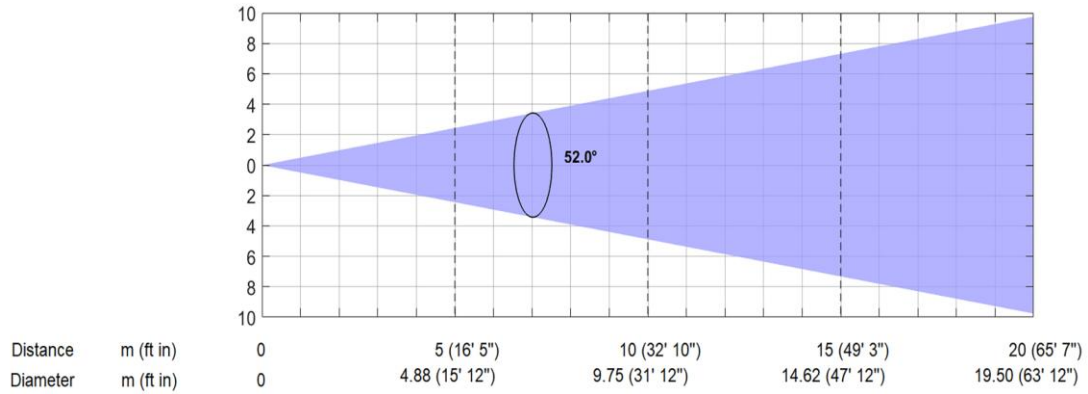
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FAN MODE: CONSTANT. MAX ZOOM.

Maximum Zoom - Constant Fan mode (52°)

Total Output: 44086 lumens

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
White	3380 (314)	845 (79)	376 (35)	211 (20)
Cyan	560 (52)	140 (13)	62 (6)	35 (3)
Magenta	68 (6)	17 (2)	8 (1)	4 (0)
Yellow	1544 (143)	386 (36)	172 (16)	97 (9)
CTO	808 (75)	202 (19)	90 (8)	51 (5)



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

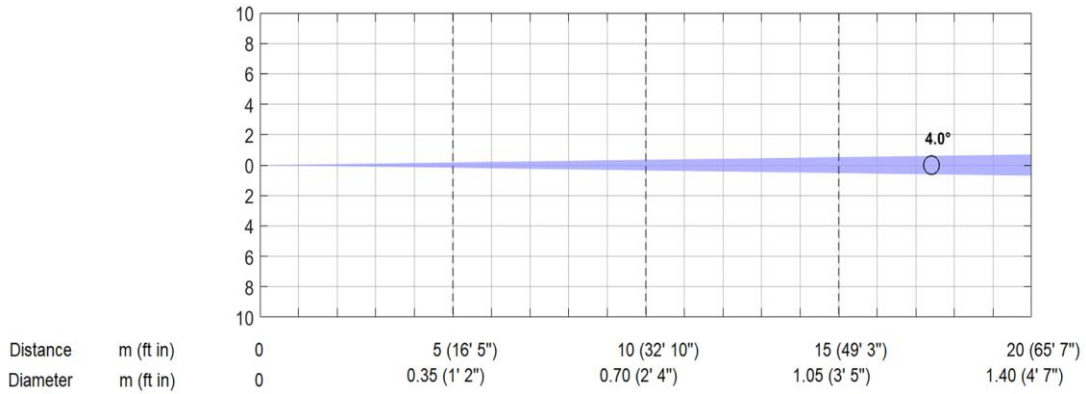


FAN MODE: CONSTANT. MIN ZOOM.

Minimum Zoom - Constant Fan mode (4°)

Total Output: 14309 lumens

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
White	160896 (14948)	40224 (3737)	17877 (1661)	10056 (934)
Cyan	28076 (2608)	7019 (652)	3120 (290)	1755 (163)
Magenta	3504 (326)	876 (81)	389 (36)	219 (20)
Yellow	80700 (7497)	20175 (1874)	8967 (833)	5044 (469)
CTO	44396 (4124)	11099 (1031)	4933 (458)	2775 (258)



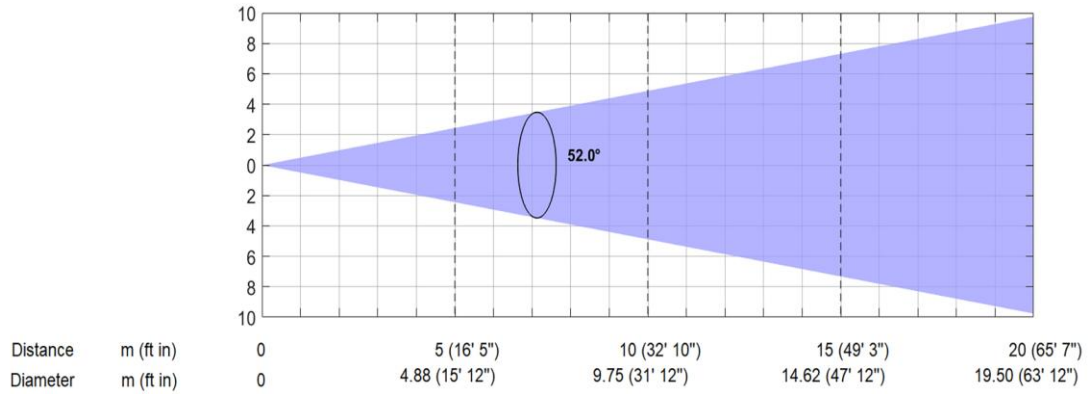
*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

FAN MODE: AUTO. MAX ZOOM.

Maximum Zoom - Auto Fan mode (52°)

Total Output: 43152 lumens

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
White	3364 (313)	841 (78)	374 (35)	210 (20)
Cyan	548 (51)	137 (13)	61 (6)	34 (3)
Magenta	64 (6)	16 (1)	7 (1)	4 (0)
Yellow	1560 (145)	390 (36)	173 (16)	98 (9)
CTO	796 (74)	199 (18)	88 (8)	50 (5)



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

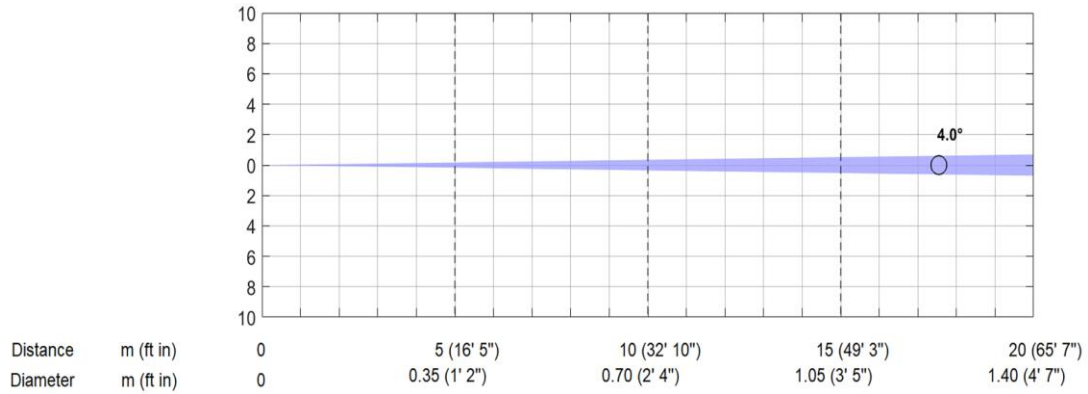


FAN MODE: AUTO. MIN ZOOM.

Minimum Zoom - Auto Fan mode (4°)

Total Output: 13997 lumens

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
White	156948 (14581)	39237 (3645)	17439 (1620)	9809 (911)
Cyan	29004 (2695)	7251 (674)	3223 (299)	1813 (168)
Magenta	3560 (331)	890 (83)	396 (37)	223 (21)
Yellow	79572 (7392)	19893 (1848)	8841 (821)	4973 (462)
CTO	43304 (4023)	10826 (1006)	4812 (447)	2707 (251)



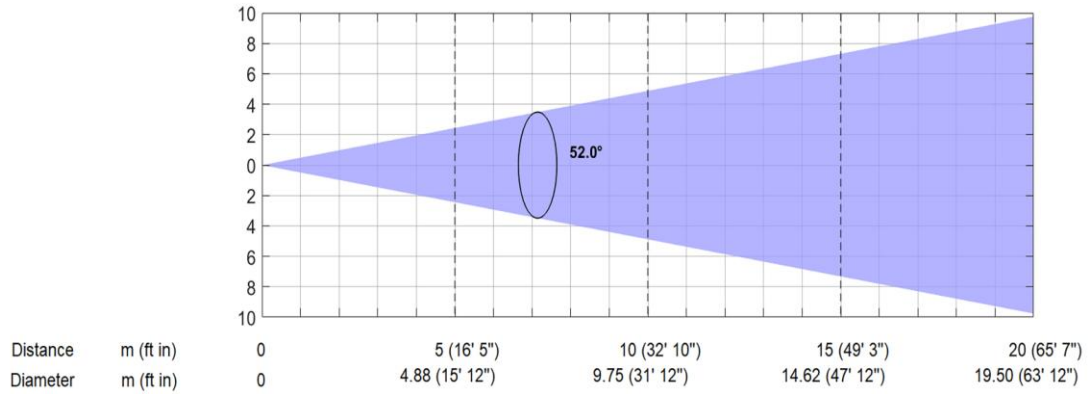
*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

FAN MODE: SILENT. MAX ZOOM.

Maximum Zoom - SLN Fan mode (52°)

Total Output: 30190 lumens

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
White	2336 (217)	584 (54)	260 (24)	146 (14)
Cyan	524 (49)	131 (12)	58 (5)	33 (3)
Magenta	60 (6)	15 (1)	7 (1)	4 (0)
Yellow	1452 (135)	363 (34)	161 (15)	91 (8)
CTO	748 (69)	187 (17)	83 (8)	47 (4)



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

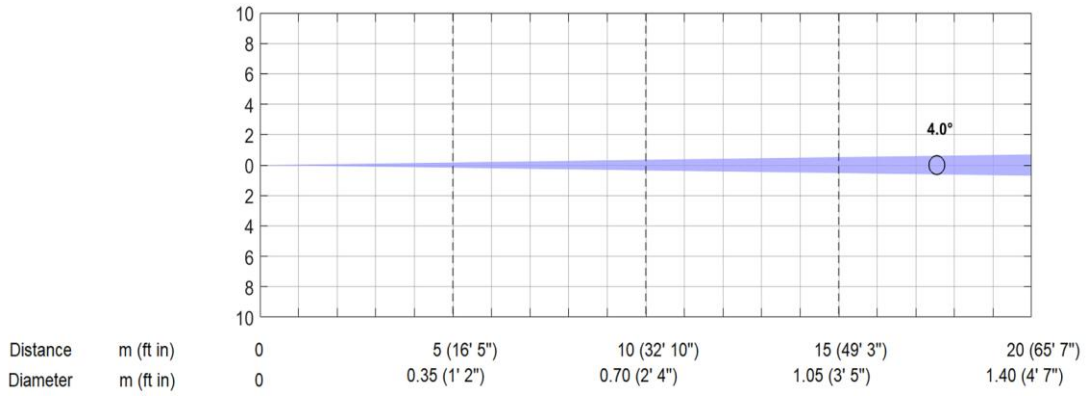


FAN MODE: SILENT. MIN ZOOM.

Minimum Zoom - SLN Fan mode (4°)

Total Output: 9851 lumens

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
White	110012 (10220)	27503 (2555)	12224 (1136)	6876 (639)
Cyan	27020 (2510)	6755 (628)	3002 (279)	1689 (157)
Magenta	3256 (302)	814 (76)	362 (34)	204 (19)
Yellow	74548 (6926)	18637 (1731)	8283 (770)	4659 (433)
CTO	41028 (3812)	10257 (953)	4559 (424)	2564 (238)



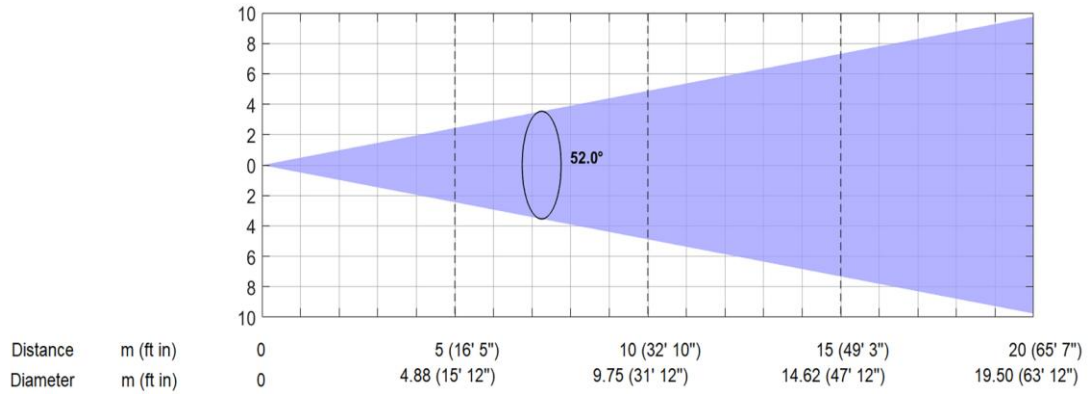
*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

FAN MODE: THEATRE. MAX ZOOM.

Maximum Zoom - Theatre Fan mode (52°)

Total Output: 21414 lumens

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
White	1664 (155)	416 (39)	185 (17)	104 (10)
Cyan	452 (42)	113 (10)	50 (5)	28 (3)
Magenta	56 (5)	14 (1)	6 (1)	4 (0)
Yellow	1296 (120)	324 (30)	144 (13)	81 (8)
CTO	696 (65)	174 (16)	77 (7)	44 (4)



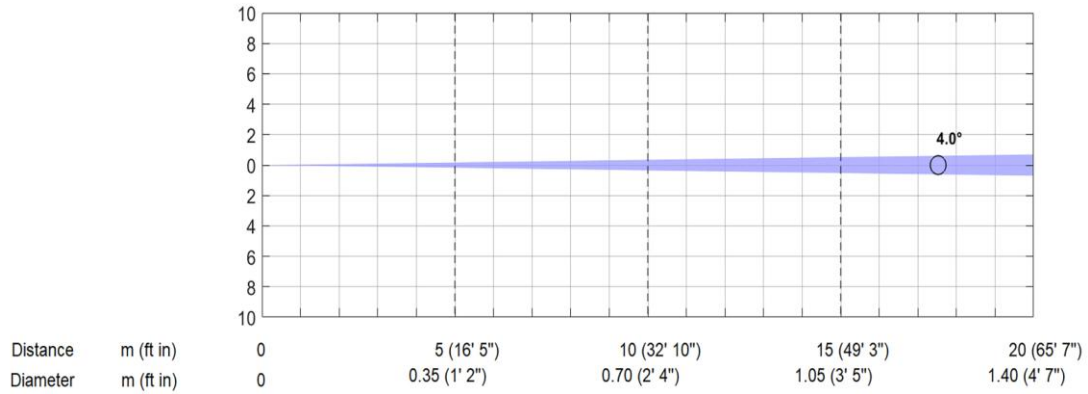
*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

FAN MODE: THEATRE. MIN ZOOM.

Minimum Zoom - Theatre Fan mode (4°)

Total Output: 7083 lumens

	Lux (fc)	Lux (fc)	Lux (fc)	Lux (fc)
White	79768 (7411)	19942 (1853)	8863 (823)	4986 (463)
Cyan	23212 (2156)	5803 (539)	2579 (240)	1451 (135)
Magenta	2920 (271)	730 (68)	324 (30)	183 (17)
Yellow	66532 (6181)	16633 (1545)	7392 (687)	4158 (386)
CTO	38836 (3608)	9709 (902)	4315 (401)	2427 (225)



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

TM-30: WHITE

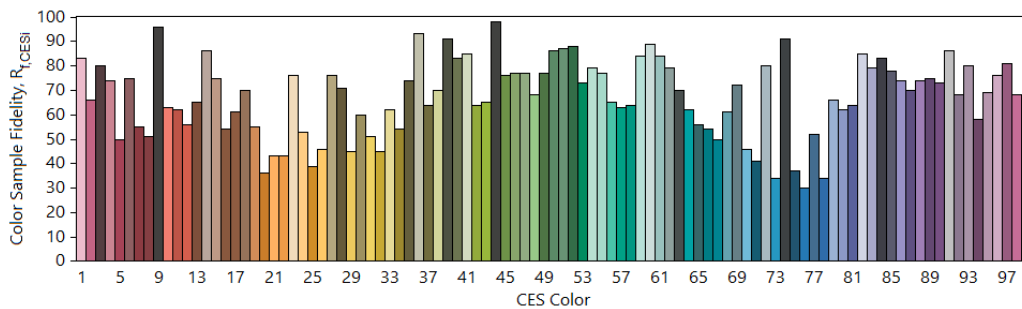
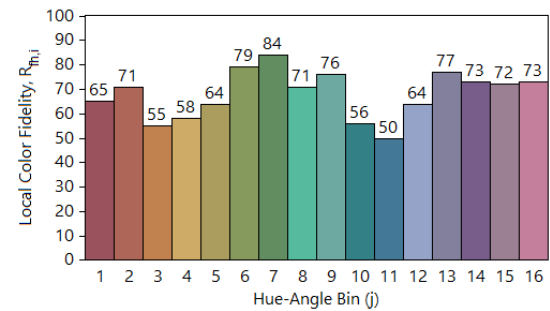
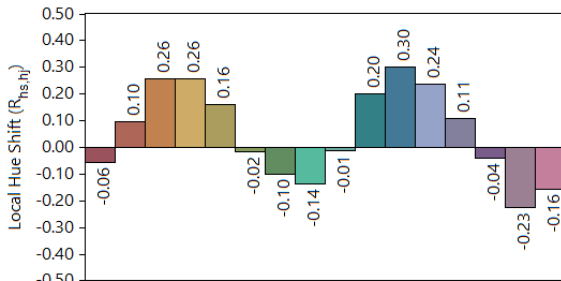
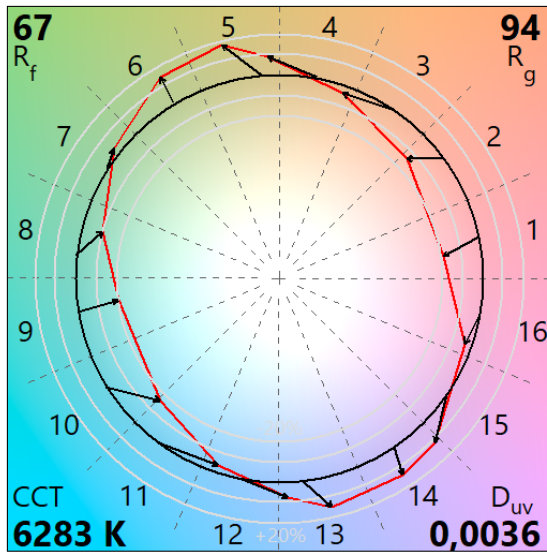
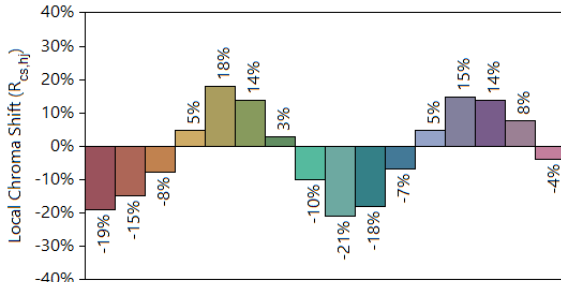
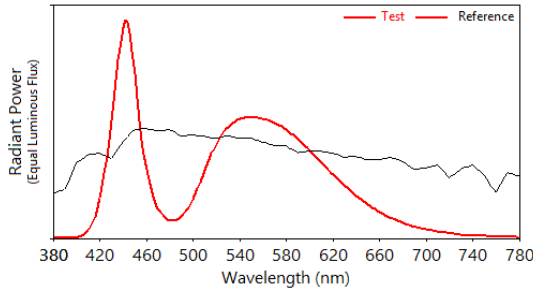
IES TM-30-18 Color Rendition Report

Source: AROLLA AQUA LT

Manufacturer: CLAY PAKY

Date: 15.01.2025

Model: AROLLA AQUA LT



Notes: CYAN

x 0,3164
y 0,3333
u' 0,1988
v' 0,4712

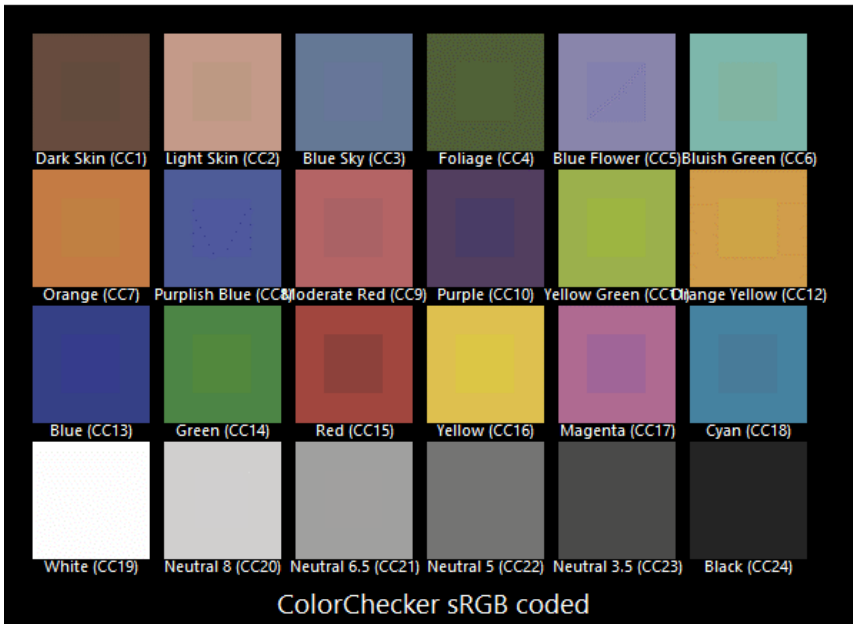
CIE 13.3-1995
(CRI)
R_a 67
R_g -42

Colors are for visual orientation purposes only.

TLCI-201: WHITE

Direct spectrum input : CCT = D6283 (+0.1)

TLCI-2012 : 41 (D6283)



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

