

PHOTOMETRIC TEST REPORT



FIXTURE DATA

Manufacturer: Clay Paky s.r.l.
Fixture model: HY B-EYE K25
Date: 2022-04-14

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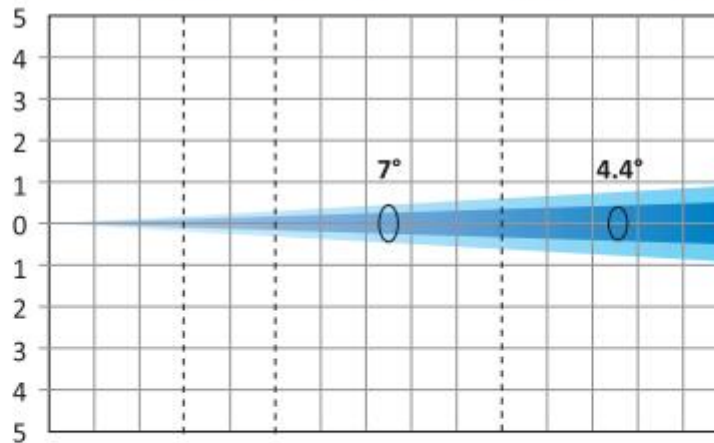
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MINIMUM ZOOM

Minimum Zoom - Fan Speed Mode @ FULL (7° 10% - 4.4° 50%)

Total Output: 10200 lumens (FULL COLORS)

Red	lux (fc)	0	51144 (4751)	18412 (1710)	4603 (428)	2046 (190)
Green	lux (fc)	0	73728 (6849)	26542 (2466)	6636 (616)	2949 (274)
Blue	lux (fc)	0	13056 (1213)	4700 (437)	1175 (109)	522 (48.5)
White	lux (fc)	0	114819 (10667)	41335 (3840)	10334 (960)	4593 (427)
Full colors	lux (fc)	0	194444 (18064)	70000 (6503)	17500 (1626)	7778 (723)



Distance	m	(ft in)	0	3 (9' 10")	5 (16' 5")	10 (32' 10")	15 (49' 3")
Diameter 10%	m	(ft in)	0	0.37 (1' 2")	0.61 (2' 0")	1.22 (4' 0")	1.83 (6' 0")
Diameter 50%	m	(ft in)	0	0.23 (0' 9")	0.38 (1' 3")	0.77 (2' 6")	1.15 (3' 9")

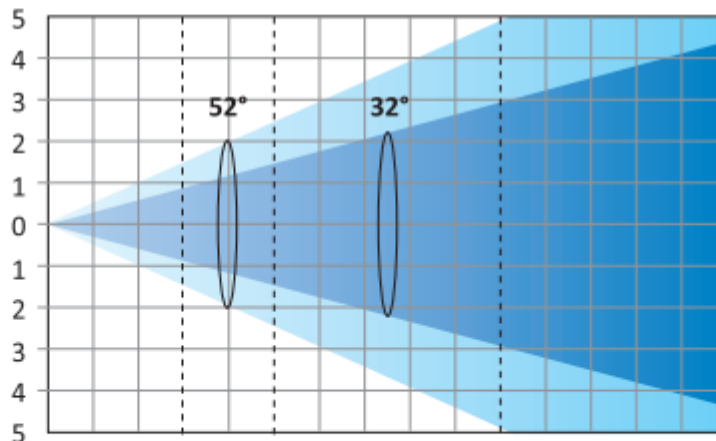
*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

MAXIMUM ZOOM

Maximum Zoom - Fan Speed Mode @ FULL (52° 10% - 32° 50%)

Total Output: 16100 lumens (FULL COLORS)

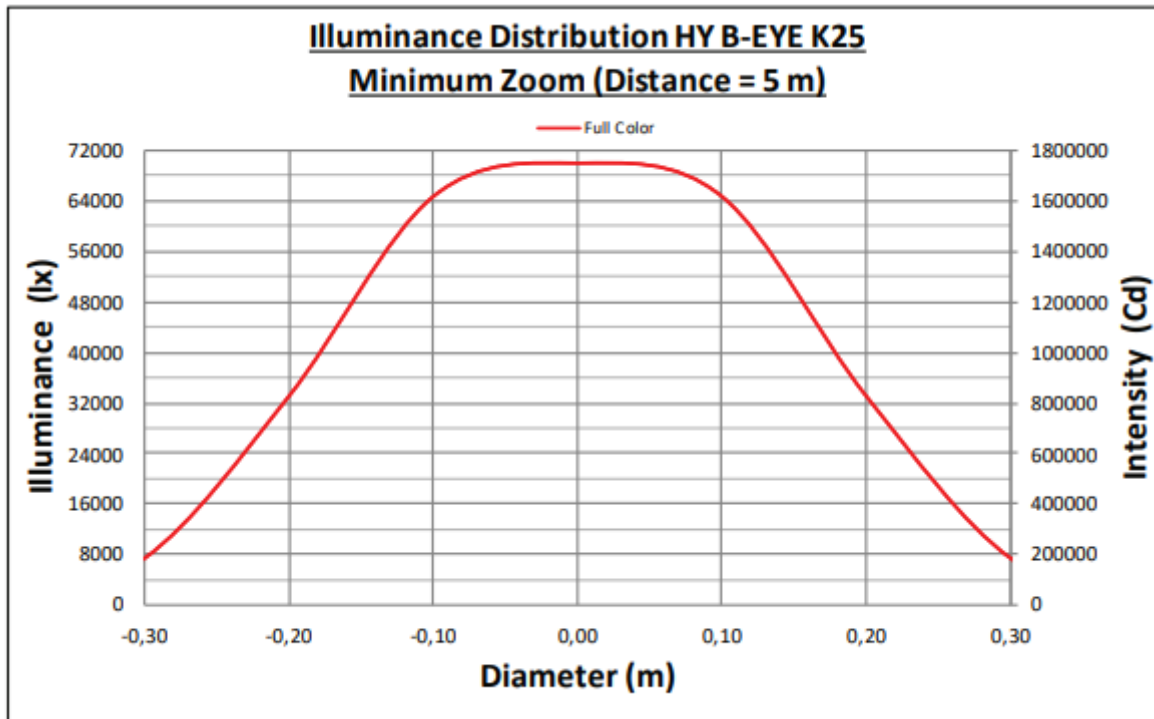
Red	lux (fc)	0	1435 (133)	517 (48)	129 (12)	57 (5.33)
Green	lux (fc)	0	2040 (190)	734 (68.2)	184 (17.1)	82 (7.58)
Blue	lux (fc)	0	296 (27.5)	107 (9.9)	27 (2.47)	12 (1.1)
White	lux (fc)	0	3148 (292)	1133 (105)	283 (26.3)	126 (11.7)
Full colors	lux (fc)	0	5340 (496)	1922 (179)	481 (44.6)	214 (19.8)



Distance	m (ft in)	0	3 (9' 10")	5 (16' 5")	10 (32' 10")	15 (49' 3")
Diameter 10%	m (ft in)	0	2.93 (9' 7")	4.88 (16' 0")	9.75 (32' 0")	14.63 (48' 0")
Diameter 50%	m (ft in)	0	1.72 (5' 8")	2.87 (9' 5")	5.73 (18' 10")	8.60 (28' 3")

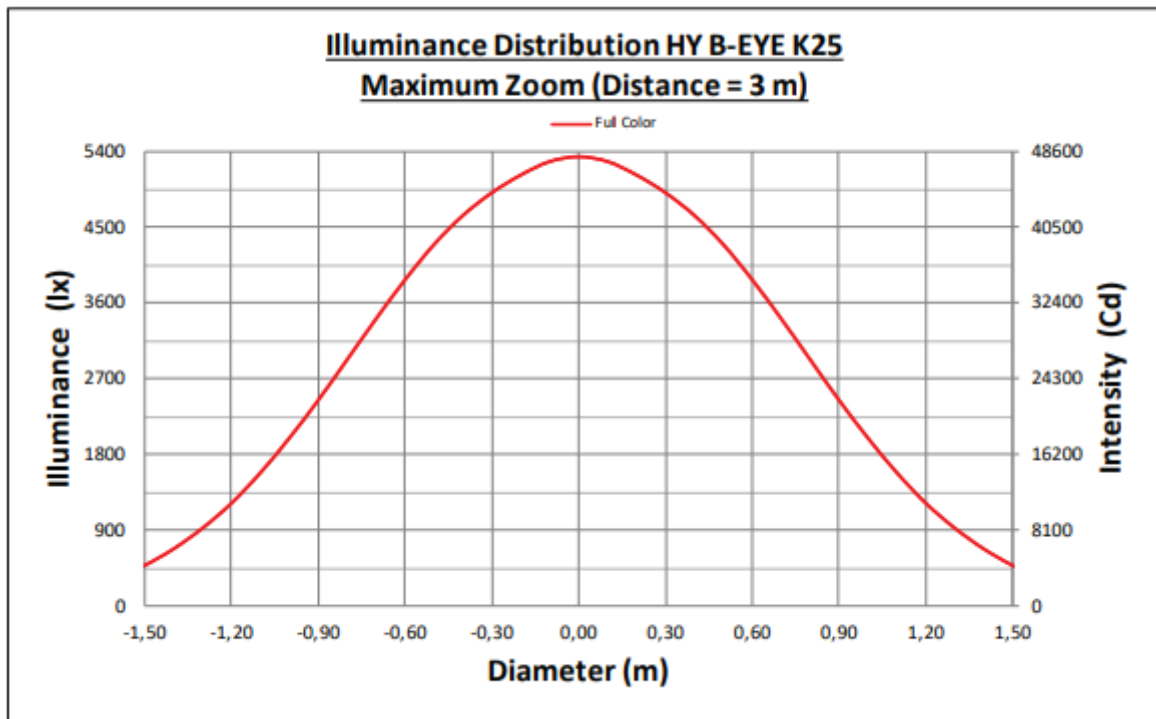
*Lumen values detected with integrating sphere. Measurements taken 15 minutes after the fixture was turned on.

MINIMUM ZOOM: ILLUMINANCE DISTRIBUTION



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

MAXIMUM ZOOM: ILLUMINANCE DISTRIBUTION



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

TM-30: FULL COLOR

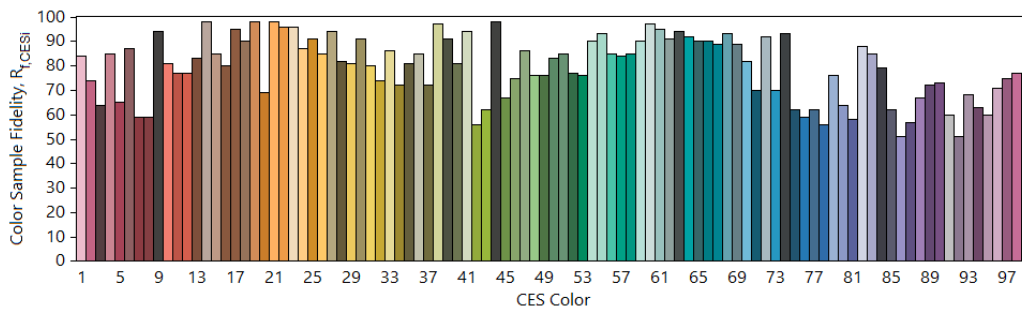
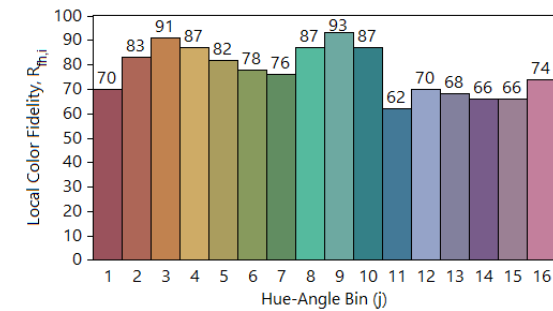
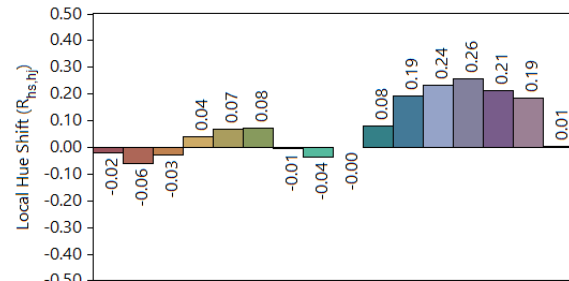
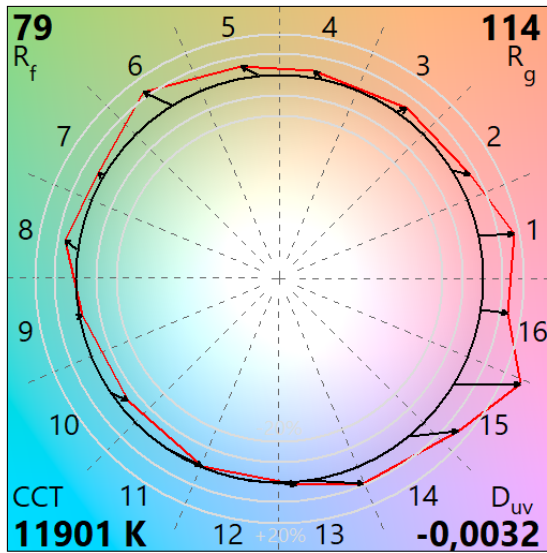
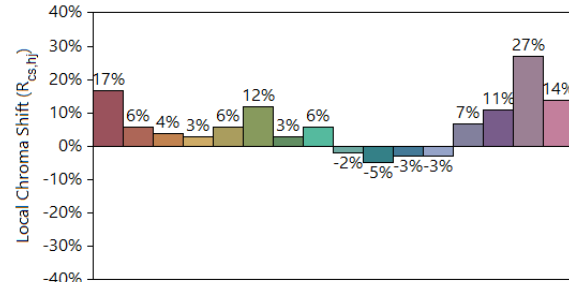
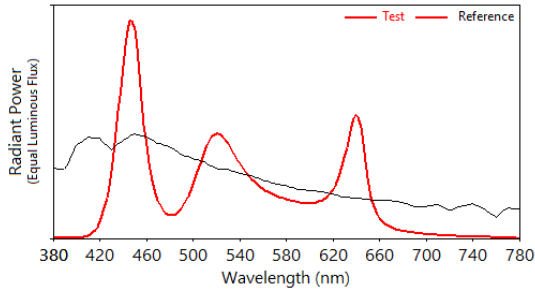
IES TM-30-18 Color Rendition Report

Source: HY B-EYE K25

Manufacturer: Clay Paky

Date: 14.04.2022

Model: HY B-EYE K25



Notes: Full Color

x 0,2743
y 0,2747
u' 0,1909
v' 0,4301

CIE 13.3-1995
(CRI)
R_a 75
R_g -25

Colors are for visual orientation purposes only.

TM-30: WHITE

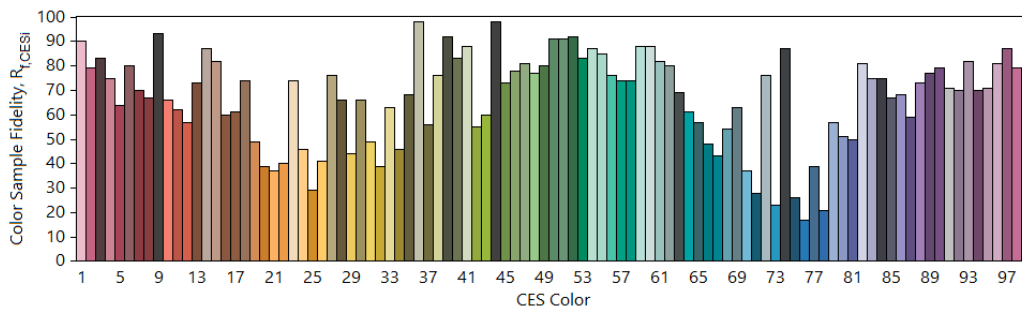
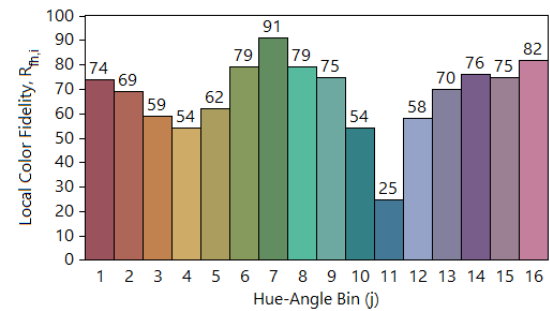
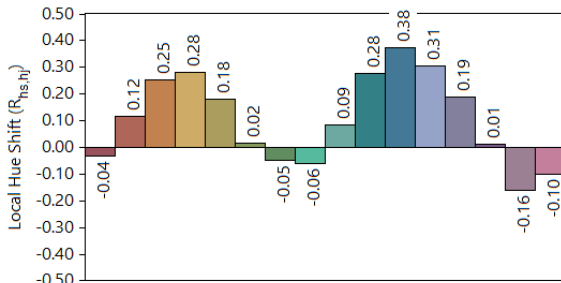
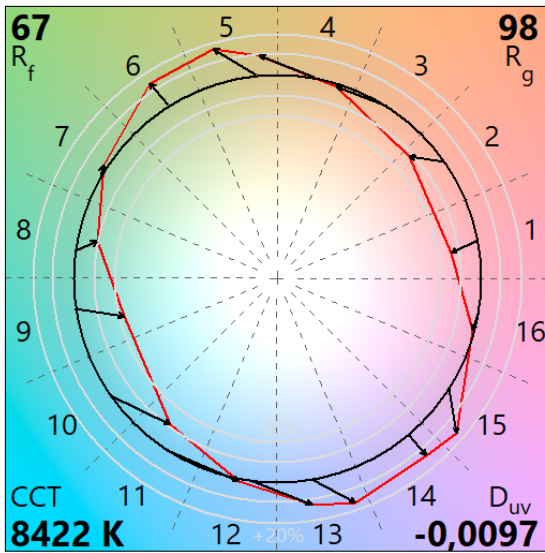
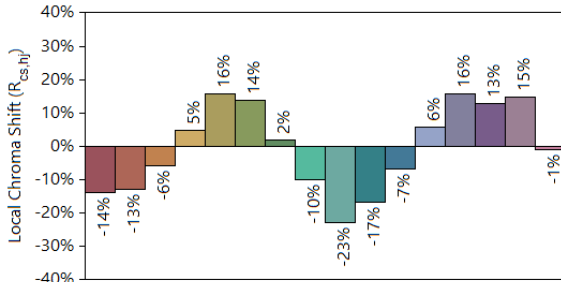
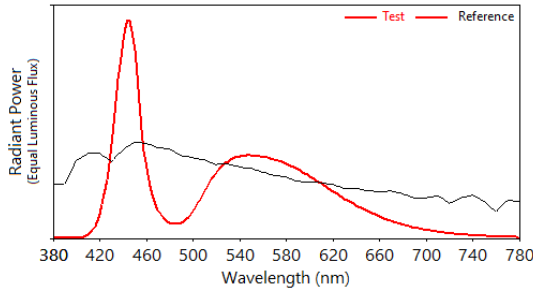
IES TM-30-18 Color Rendition Report

Source: HY B-EYE K25

Manufacturer: Clay Paky

Date: 14.04.2022

Model: HY B-EYE K25



Notes: White

x 0,2961
y 0,2880
u' 0,2020
v' 0,4420

CIE 13.3-1995
(CRI)
 R_a 72
 R_g 9

Colors are for visual orientation purposes only.