

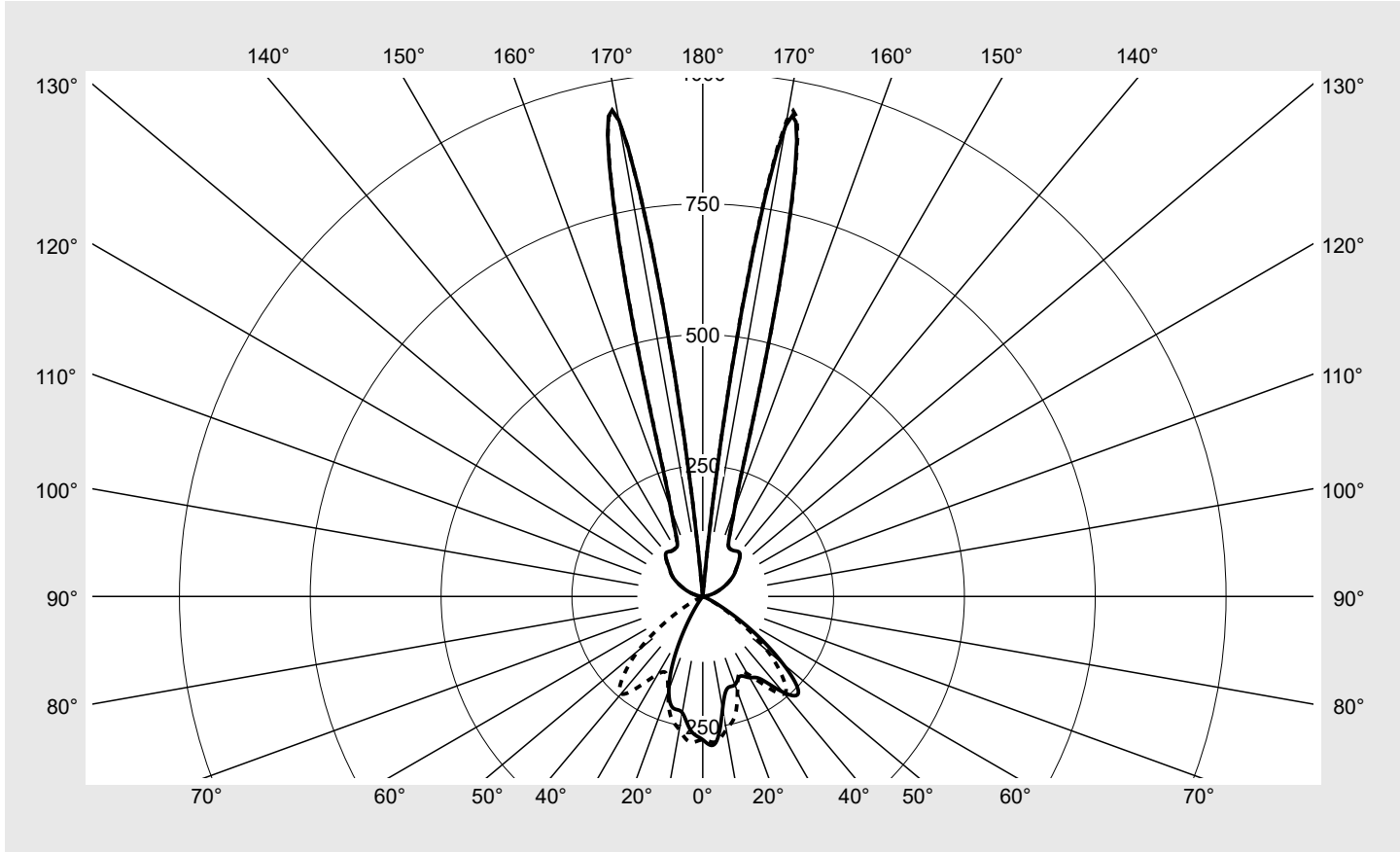
Photometric test report

Family Mirrortec® LED	Order number: 5NW14093QC + 5XA7682G2H2AC EAN: 4039806568489 + 4058352223710	LP number 58033_10
	Version SMR100A 1200x1200, 3 pcs. single wire suspension, FL20 midi power RS5 Lamps LED 4000 K CRI ≥ 70 Controlgear ECG-DALI Setting individual position: distance floodlight mirror = 3,5m / reflector tilt = 0° Rated values Net luminous flux = 33980 lm Power consumption = 305.7 W Luminous efficacy = 111.2 lm/W	serial documentation 16.12.2020






Luminous intensity in cd/klm C180-0 C270-90 **Imax: 924 cd/klm**



Classifications	
DIN 5040	C 5 4
CIE	N1=54 N2=94 N3=100 N4=54 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	53.6%
ϕ_o	46.4%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Mirrortec® LED	Order number: 5NW14093QC + 5XA7682G2H2AC EAN: 4039806568489 + 4058352223710	LP number 58033_10
Table of values for luminous intensities		Maximum luminous intensity
siteco		

C-planes	0°	15° 345°	30° 330°	45° 315°	60° 300°	75° 285°	90° 270°
γ	Luminous intensity in cd/klm						
0°	273.7	273.7	273.7	273.7	273.7	273.7	273.7
5°	281.0	280.6	285.1	283.5	282.4	285.4	279.1
10°	218.1	226.9	244.2	254.1	261.9	263.3	258.5
15°	181.8	203.5	205.7	222.9	226.0	233.3	236.8
20°	179.5	160.7	177.3	184.5	175.8	191.5	193.8
25°	168.4	164.7	177.1	170.5	166.0	164.4	163.6
30°	179.1	181.1	177.1	175.0	181.8	177.3	170.9
35°	192.6	209.1	202.7	193.6	206.3	196.4	208.0
40°	238.6	247.9	263.5	249.6	245.4	243.0	242.7
45°	258.6	283.7	303.9	321.2	275.7	234.8	214.2
50°	199.7	222.7	286.3	360.8	269.6	195.5	160.6
55°	119.4	148.6	215.2	306.7	195.2	120.2	92.6
60°	50.8	67.4	126.9	207.9	104.1	52.6	39.1
65°	15.1	22.3	65.7	108.2	49.7	14.7	7.7
70°	0.0	1.7	17.7	54.4	13.3	1.5	0.0
75°	0.0	0.0	3.5	22.9	2.8	0.0	0.0
80°	0.0	0.0	0.5	7.6	0.2	0.0	0.0
85°	0.0	0.0	0.0	2.3	0.0	0.0	0.0
90°	0.2	0.2	0.2	0.4	0.2	0.2	0.2
95°	2.8	2.8	2.8	2.8	2.8	2.8	2.8
100°	10.2	10.2	10.1	10.0	10.1	10.1	10.1
105°	20.6	20.7	20.5	20.6	20.6	20.6	20.8
110°	32.0	32.0	32.3	32.0	32.1	32.1	32.1
115°	45.2	44.8	45.3	45.1	45.1	45.0	45.0
120°	59.1	59.4	59.8	59.6	59.6	59.0	59.8
125°	73.0	72.5	72.3	73.1	73.0	72.1	72.7
130°	84.2	85.0	84.9	84.7	84.6	84.6	84.0
135°	98.5	98.1	97.6	97.4	97.4	97.4	98.2
140°	109.2	108.3	108.0	108.1	107.9	107.9	108.2
145°	106.4	105.7	105.7	106.3	104.2	105.9	105.9
150°	104.8	106.1	106.0	105.1	105.3	105.0	105.0
155°	117.4	116.6	116.5	117.8	117.2	117.0	117.1
160°	177.4	177.4	178.7	177.4	177.7	176.7	177.7
165°	448.4	449.4	449.2	413.6	450.8	449.4	447.8
170°	913.1	750.3	316.2	55.7	319.4	756.1	923.2
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Mirrortec® LED	Order number: 5NW14093QC + 5XA7682G2H2AC EAN: 4039806568489 + 4058352223710	LP number 58033_10
Table of values for luminous intensities		Maximum luminous intensity
		sITeco

C-planes	105° 255°	120° 240°	135° 225°	150° 210°	165° 195°	180°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm						Luminous flux in lm/klm	
0°	273.7	273.7	273.7	273.7	273.7	273.7	1.6	1.6
5°	271.9	274.9	268.4	268.4	262.6	257.6	13.2	14.8
10°	273.2	262.6	258.8	246.8	236.1	225.5	23.9	38.7
15°	242.7	251.7	255.3	238.8	230.7	220.3	32.5	71.2
20°	206.1	232.5	234.1	230.2	210.9	189.6	37.2	108.4
25°	171.4	205.6	215.5	174.3	143.5	128.3	39.9	148.2
30°	172.6	177.8	154.9	116.2	74.3	59.0	42.9	191.1
35°	199.3	194.5	122.7	55.6	22.1	15.4	50.2	241.3
40°	234.0	195.0	78.2	18.4	3.1	0.3	62.8	304.1
45°	229.2	160.3	38.5	1.4	0.0	0.0	70.8	374.9
50°	183.2	106.0	8.7	0.2	0.0	0.0	66.3	441.2
55°	100.8	60.9	0.8	0.0	0.0	0.0	48.7	489.9
60°	54.3	23.9	0.0	0.0	0.0	0.0	27.8	517.6
65°	16.6	6.5	0.0	0.0	0.2	0.0	12.4	530.0
70°	0.8	1.4	0.0	0.0	0.0	0.0	3.9	533.9
75°	0.0	0.2	0.0	0.0	0.0	0.0	1.3	535.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	535.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	535.7
90°	0.2	0.2	0.2	0.2	0.2	0.2	0.1	535.8
95°	2.8	2.8	2.8	2.8	2.8	2.8	1.5	537.3
100°	10.0	10.2	10.1	10.2	10.2	10.2	5.5	542.8
105°	20.6	20.6	20.5	20.6	20.6	20.5	10.9	553.7
110°	32.4	32.1	32.2	32.1	32.1	32.4	16.6	570.3
115°	45.3	44.8	44.8	44.9	45.2	45.0	22.4	592.6
120°	59.5	59.5	59.4	59.5	59.7	59.7	28.2	620.9
125°	72.9	72.8	73.4	72.3	72.8	73.3	32.7	653.5
130°	85.1	84.7	83.8	84.9	84.4	83.1	35.5	689.0
135°	98.2	98.0	98.0	97.7	98.1	97.7	37.9	727.0
140°	107.6	107.7	107.6	108.2	108.2	108.7	38.1	765.0
145°	105.9	105.1	105.8	105.8	106.7	105.3	33.2	798.3
150°	105.3	105.9	104.7	105.6	106.0	105.9	28.9	827.2
155°	117.4	116.6	117.9	116.8	116.8	115.6	27.1	854.3
160°	177.1	178.1	178.0	178.4	178.6	178.3	33.3	887.6
165°	451.9	452.7	408.4	447.0	445.0	453.0	62.8	950.5
170°	751.2	321.3	55.8	317.0	755.6	924.0	49.5	1000.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family Mirrortec® LED	Order number: 5NW14093QC + 5XA7682G2H2AC EAN: 4039806568489 + 4058352223710	LP number 58033_10
---------------------------------	--	------------------------------

UGR-Table		Standard room									
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	17.6	18.5	18.5	19.4	20.6	15.6	16.5	16.5	17.4	18.6
	3H	18.6	19.6	19.4	20.4	21.3	16.6	17.6	17.4	18.4	19.3
	4H	17.2	18.0	18.2	18.9	20.2	15.2	16.0	16.2	16.9	18.2
	6H	17.7	18.4	18.6	19.3	20.4	15.7	16.4	16.6	17.3	18.4
	8H	17.0	17.6	18.0	18.6	19.9	15.0	15.6	16.0	16.6	17.9
	12H	17.5	18.1	18.4	19.0	20.2	15.5	16.1	16.4	17.0	18.2
4H	2H	18.2	19.0	19.2	19.9	21.1	16.1	16.9	17.1	17.8	19.0
	3H	18.1	18.7	19.1	19.7	20.9	16.0	16.6	16.9	17.5	18.8
	4H	18.0	18.5	18.9	19.5	20.8	15.8	16.4	16.8	17.4	18.6
	6H	18.4	18.9	19.3	19.8	21.0	16.3	16.8	17.2	17.7	18.9
	8H	17.7	18.2	18.7	19.2	20.5	15.6	16.0	16.6	17.0	18.4
	12H	18.2	18.6	19.2	19.6	20.8	16.1	16.5	17.1	17.5	18.7
8H	4H	17.8	18.2	18.8	19.2	20.6	15.7	16.1	16.7	17.1	18.4
	6H	17.7	18.1	18.7	19.1	20.4	15.6	15.9	16.6	16.9	18.3
	8H	17.6	18.0	18.7	19.0	20.3	15.5	15.8	16.5	16.8	18.2
	12H	18.1	18.4	19.1	19.4	20.7	16.0	16.3	17.0	17.3	18.5
12H	4H	18.3	18.7	19.3	19.7	20.9	16.2	16.6	17.1	17.5	18.8
	6H	18.2	18.5	19.2	19.5	20.8	16.1	16.4	17.1	17.4	18.6
	8H	18.2	18.4	19.1	19.4	20.7	16.0	16.3	17.0	17.3	18.5

C-planes	Max. for $\gamma \geq 65^\circ$												
	0°	15° 345°	30° 330°	45° 315°	60° 300°	75° 285°	90° 270°	105° 255°	120° 240°	135° 225°	150° 210°	165° 195°	180°
γ	Luminance in cd/m ²												
45°	8629.2	9467.6	10141.3	10717.6	9201.3	7836.2	7146.8	7648.1	5348.2	1285.3	45.5	0.0	0.0
50°	7332.0	8175.4	10512.1	13247.0	9898.2	7176.4	5897.5	6726.4	3892.9	317.7	8.6	0.0	0.0
55°	4912.2	6112.3	8852.7	12619.7	8030.7	4945.5	3811.6	4148.6	2503.6	33.4	0.0	0.0	0.0
60°	2398.9	3182.9	5988.7	9811.6	4915.0	2481.5	1846.7	2562.5	1129.2	0.0	0.0	0.0	0.0
65°	842.5	1245.2	3668.5	6041.8	2776.9	818.9	429.5	927.3	365.7	0.0	0.0	9.1	0.0
70°	0.0	116.1	1220.5	3755.5	920.9	102.5	0.0	54.2	93.1	0.0	0.0	0.0	0.0
75°	0.0	0.0	319.7	2084.4	254.7	0.0	0.0	0.0	14.7	0.0	0.0	0.0	0.0
80°	0.0	0.0	67.3	1029.5	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	7.3	613.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Photometric test report

Family Mirrortec® LED	Order number: 5NW14093QC + 5XA7682G2H2AC EAN: 4039806568489 + 4058352223710	LP number 58033_10
---------------------------------	--	------------------------------

Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°

