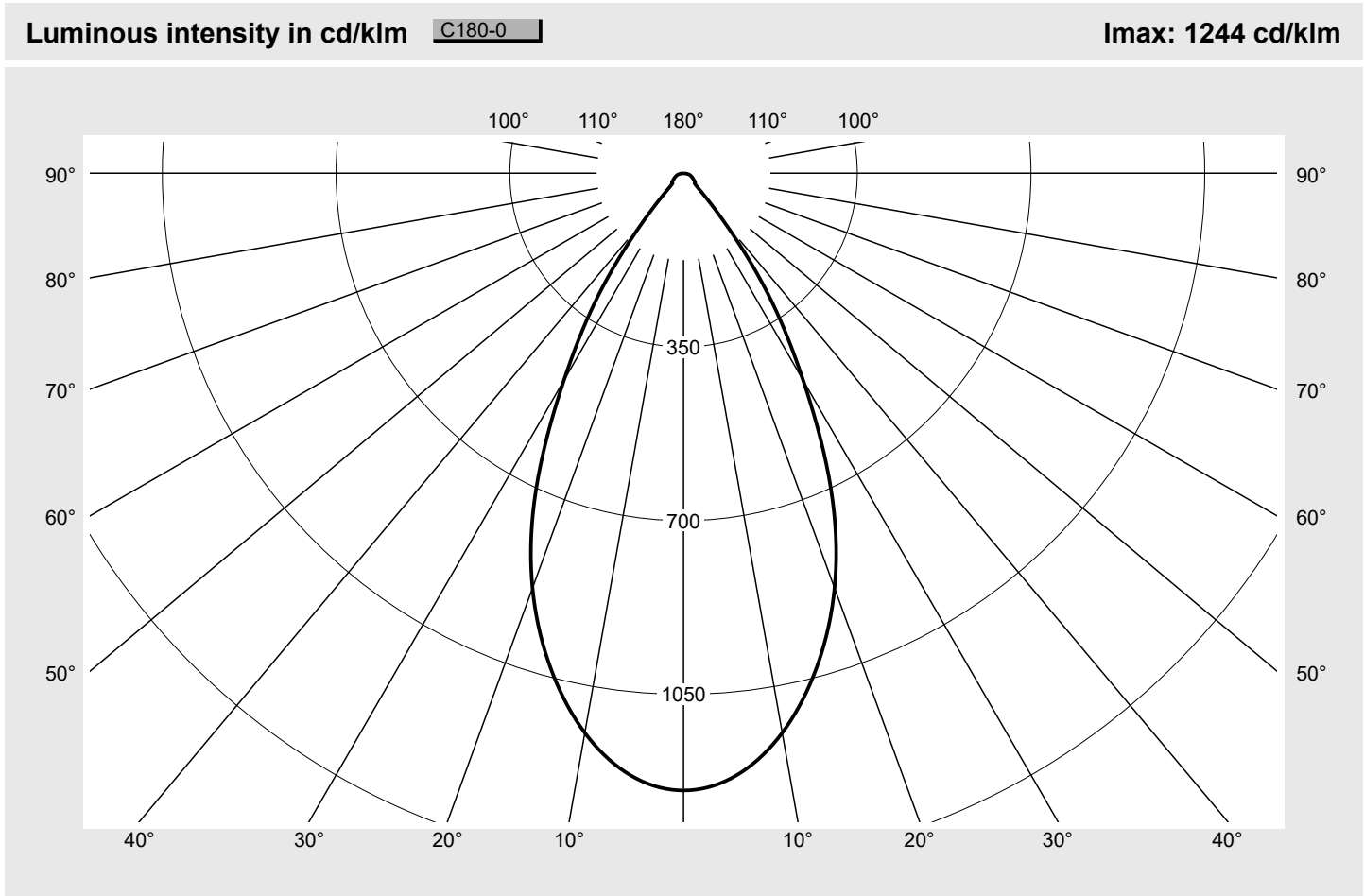


Photometric test report

Family Highbay 41	Order number: 51HD3XMBMN0A EAN: 4069025768841	LP number 60435_3
Version	cover panel, PC, clear, adjustable light distribution, adjustable color temperature: 4000K 5000K 6500K	serial documentation 30.07.2026
Lamps	LED 6500 K CRI ≥ 80	
Controlgear	ECG Multilumen	
Setting	individual position: medium beam, Lumen Max.	
Rated values	Net luminous flux = 29140 lm Power consumption = 188.0 W Luminous efficacy = 155 lm/W	

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Classifications	Luminaire light output ratios
DIN 5040 CIE	η_{LB} ϕ_u ϕ_o
A 7 0 N1=91 N2=96 N3=99 N4=100 N5=100	100.0% 100.0% 0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Highbay 41	Order number: 51HD3XMBMN0A EAN: 4069025768841	LP number 60435_3
Table of values for luminous intensities		Maximum luminous intensity

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C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
0°	1243.7	7.4	7.4
5°	1218.1	58.2	65.6
10°	1145.0	109.0	174.6
15°	1033.2	146.6	321.2
20°	889.6	166.8	488.0
25°	703.2	162.9	650.9
30°	482.2	132.2	783.0
35°	296.0	93.1	876.1
40°	124.0	43.7	919.8
45°	39.0	15.1	934.9
50°	30.3	12.7	947.6
55°	26.5	11.9	959.5
60°	22.3	10.6	970.1
65°	18.9	9.4	979.5
70°	15.8	8.1	987.7
75°	12.7	6.7	994.4
80°	7.6	4.1	998.5
85°	2.7	1.5	999.9
90°	0.1	0.1	1000.0
95°	0.0	0.0	1000.0
100°	0.0	0.0	1000.0
105°	0.0	0.0	1000.0
110°	0.0	0.0	1000.0
115°	0.0	0.0	1000.0
120°	0.0	0.0	1000.0
125°	0.0	0.0	1000.0
130°	0.0	0.0	1000.0
135°	0.0	0.0	1000.0
140°	0.0	0.0	1000.0
145°	0.0	0.0	1000.0
150°	0.0	0.0	1000.0
155°	0.0	0.0	1000.0
160°	0.0	0.0	1000.0
165°	0.0	0.0	1000.0
170°	0.0	0.0	1000.0
175°	0.0	0.0	1000.0
180°	0.0	0.0	1000.0

Photometric test report

Family Highbay 41			Order number: 51HD3XMBMN0A EAN: 4069025768841							LP number 60435_3	
UGR-Table			Standard room							siteco	
Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		View crosswise (C0)					View endwise (C90)				
x	y										
2H	2H	21.3	22.5	21.7	22.8	23.2	21.3	22.5	21.7	22.8	23.2
	3H	21.9	22.9	22.2	23.2	23.6	21.9	22.9	22.2	23.2	23.6
	4H	22.2	23.2	22.6	23.5	23.9	22.2	23.2	22.6	23.5	23.9
	6H	22.5	23.4	22.9	23.8	24.2	22.5	23.4	22.9	23.8	24.2
	8H	22.7	23.4	23.2	23.8	24.2	22.7	23.4	23.2	23.8	24.2
	12H	22.8	23.4	23.2	23.8	24.2	22.8	23.4	23.2	23.8	24.2
4H	2H	21.4	22.4	21.8	22.7	23.1	21.4	22.4	21.8	22.7	23.1
	3H	22.1	22.9	22.6	23.3	23.8	22.1	22.9	22.6	23.3	23.8
	4H	22.7	23.4	23.1	23.8	24.2	22.7	23.4	23.1	23.8	24.2
	6H	23.1	23.7	23.6	24.1	24.6	23.1	23.7	23.6	24.1	24.6
	8H	23.2	23.8	23.7	24.2	24.7	23.2	23.8	23.7	24.2	24.7
	12H	23.4	23.8	23.8	24.2	24.7	23.4	23.8	23.8	24.2	24.7
8H	4H	22.8	23.4	23.3	23.8	24.3	22.8	23.4	23.3	23.8	24.3
	6H	23.4	23.8	23.9	24.3	24.8	23.4	23.8	23.9	24.3	24.8
	8H	23.6	24.0	24.1	24.4	25.0	23.6	24.0	24.1	24.4	25.0
	12H	23.7	24.0	24.2	24.5	25.0	23.7	24.0	24.2	24.5	25.0
12H	4H	22.9	23.3	23.4	23.8	24.3	22.9	23.3	23.4	23.8	24.3
	6H	23.5	23.8	24.0	24.3	24.8	23.5	23.8	24.0	24.3	24.8
	8H	23.7	23.9	24.2	24.5	25.0	23.7	23.9	24.2	24.5	25.0

Luminance table		Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 288
C-planes	0°		
γ	Luminance in cd/m²		
45°	24699.3		
50°	21103.2		
55°	20650.2		
60°	19962.8		
65°	20023.6		
70°	20680.0		
75°	21888.9		
80°	19683.2		
85°	13636.7		

Photometric test report

Family
Highbay 41

Order number: 51HD3XMBMN0A
EAN: 4069025768841

LP number
60435_3

Luminance values in cd/m²

γ 65°

γ 70°

γ 75°

γ 80°

γ 85°

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