



PENTA

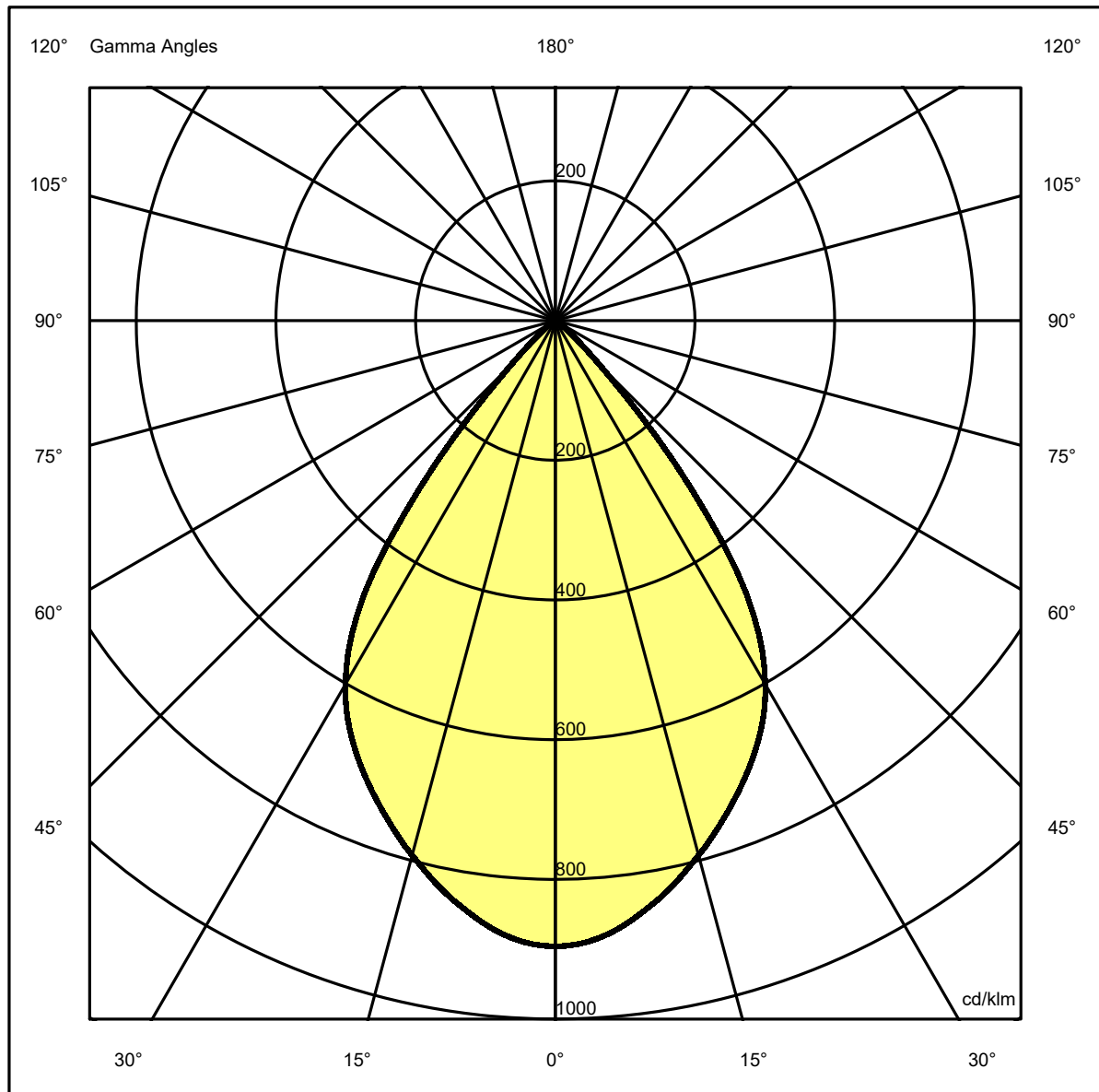
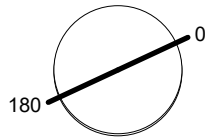
Luminaire
Code 2304-20-0000-N0NE
Name HAIL suspension 3000K
Measurement
Code 2304-20-0000-N0NE
Name HAIL suspension 3000K

Luminaire Flux	169 lm	Luminaire Power	4.0 W	Efficacy	42.189 lm/W	Efficiency	100.00%
Source Flux	169 lm	Maximum value	896.10 cd/klm	Position	C=0.00 G=0.00	CG Rotosymmetrical	

Diam=30mm

C Halfplanes

180.0 ————— 0.0



Luminaire

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Name HAIL suspension 3000K

Measurement

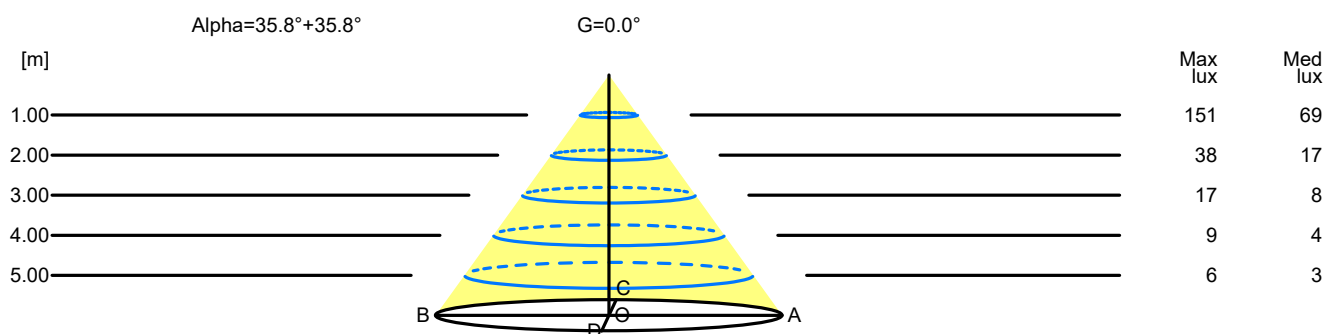
Code 2304-20-0000-N0NE
Name HAIL suspension 3000K

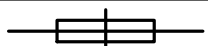
Luminaire Flux	169 lm	Luminaire Power	4.0 W	Efficacy	42.189 lm/W	Efficiency	100.00%
Source Flux	169 lm	Maximum value	896.10 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.72	1.44	2.16	2.88	3.60	OC	0.72	1.44	2.16	2.88	3.60
OB	0.72	1.44	2.16	2.88	3.60	OD	0.72	1.44	2.16	2.88	3.60

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	151.23	148.67	133.74	114.45	80.36	15.20	2.42	0.12	0.05	0.00
OB	151.23	148.67	133.74	114.45	80.36	15.20	2.42	0.12	0.05	0.00
OC	151.23	148.67	133.74	114.45	80.36	15.20	2.42	0.12	0.05	0.00
OD	151.23	148.67	133.74	114.45	80.36	15.20	2.42	0.12	0.05	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=35.8°+35.8°	G=0.0	
1.00	1.44	151	69			
2.00	2.88	38	17			
3.00	4.32	17	8			
4.00	5.77	9	4			
5.00	7.21	6	3			

Luminaire

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Measurem.

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Luminaire Flux	169 lm	Luminaire Power	4.0 W	Efficacy	42.189 lm/W	Efficiency	100.00%
Source Flux	169 lm	Maximum value	896.10 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	24.5	25.2	24.8	25.4	25.6	24.5	25.2	24.8	25.4	25.6
x=2H y=3H	24.4	25.0	24.6	25.2	25.5	24.4	25.0	24.6	25.2	25.5
x=2H y=4H	24.3	24.9	24.6	25.2	25.4	24.3	24.9	24.6	25.2	25.4
x=2H y=6H	24.2	24.8	24.5	25.0	25.3	24.2	24.8	24.5	25.0	25.3
x=2H y=8H	24.2	24.7	24.5	25.0	25.3	24.2	24.7	24.5	25.0	25.3
x=2H y=12H	24.1	24.6	24.5	24.9	25.3	24.1	24.6	24.5	24.9	25.3
x=4H y=2H	24.3	24.9	24.6	25.2	25.4	24.3	24.9	24.6	25.2	25.4
x=4H y=3H	24.1	24.6	24.5	24.9	25.3	24.1	24.6	24.5	24.9	25.3
x=4H y=4H	24.1	24.5	24.4	24.8	25.2	24.1	24.5	24.4	24.8	25.2
x=4H y=6H	24.0	24.4	24.4	24.7	25.1	24.0	24.4	24.4	24.7	25.1
x=4H y=8H	24.0	24.3	24.4	24.7	25.1	24.0	24.3	24.4	24.7	25.1
x=4H y=12H	23.9	24.2	24.4	24.6	25.0	23.9	24.2	24.4	24.6	25.0
x=8H y=4H	24.0	24.3	24.4	24.7	25.1	24.0	24.3	24.4	24.7	25.1
x=8H y=6H	23.9	24.1	24.3	24.5	25.0	23.9	24.1	24.3	24.5	25.0
x=8H y=8H	23.8	24.0	24.3	24.5	24.9	23.8	24.0	24.3	24.5	24.9
x=8H y=12H	23.8	23.9	24.3	24.4	24.9	23.8	23.9	24.3	24.4	24.9
x=12H y=4H	23.9	24.2	24.4	24.6	25.0	23.9	24.2	24.4	24.6	25.0
x=12H y=6H	23.8	24.0	24.3	24.5	24.9	23.8	24.0	24.3	24.5	24.9
x=12H y=8H	23.8	23.9	24.3	24.4	24.9	23.8	23.9	24.3	24.4	24.9