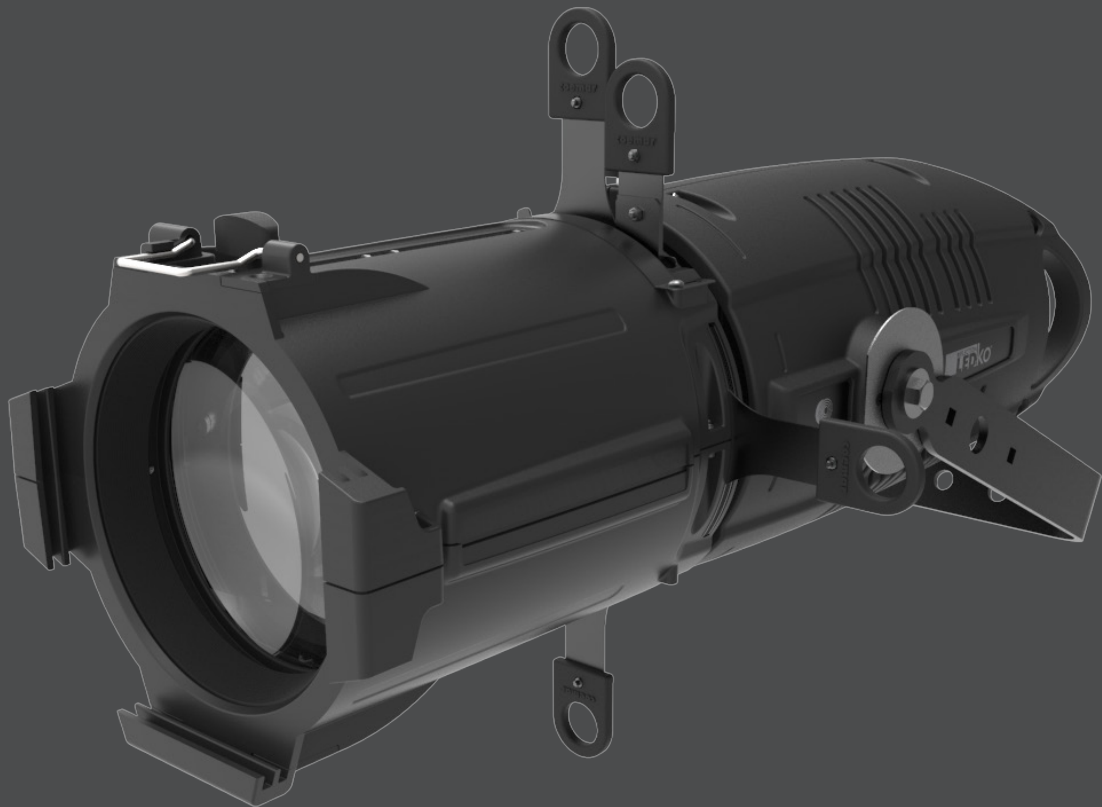


## PHOTOMETRICAL DATA

# LEDko VariWhite HD +

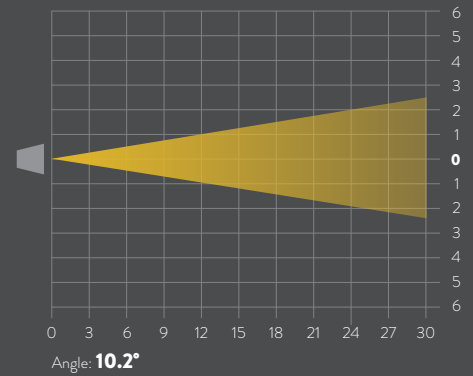


# LEDko VariWhite HD +

## PHOTOMETRICAL DATA

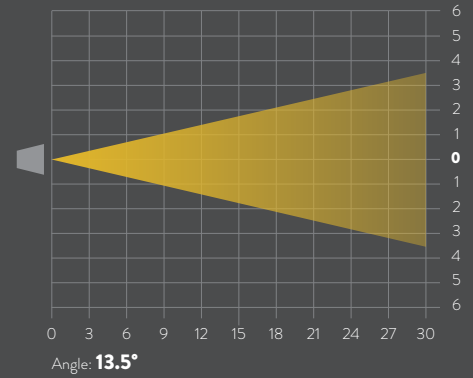
### OPTIC: LENS TUBE PROFILE 10°

Distance (m)	3	6	9	12	15	18	21	24	27	30	
Luminous Emittance (lux)	3.200 K	67816	16954	7535	4239	2713	1884	1384	1060	837	678
	5.600 K	80545	20136	8949	5034	3222	2237	1644	1259	994	805
Diameter Ø (m)	0.54	1.07	1.61	2.14	2.68	3.21	3.75	4.28	4.82	5.35	
CRI @ 3.200 K	96.5										
TLCI @ 3.200 K	98.3										
CRI @ 5.600 K	96.8										
TLCI @ 5.600 K	97.8										



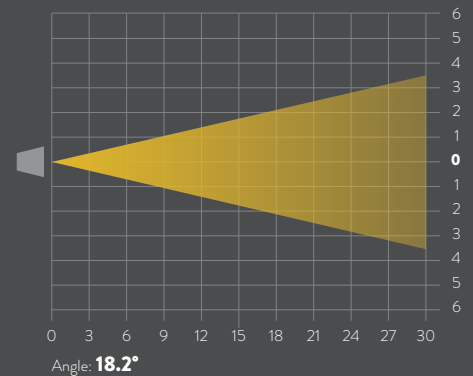
### OPTIC: LENS TUBE PROFILE 14°

Distance (m)	3	6	9	12	15	18	21	24	27	30	
Luminous Emittance (lux)	3.200 K	35362	8840	3929	2210	1414	982	722	553	437	354
	5.600 K	41236	10309	4582	2577	1649	1145	842	644	509	412
Diameter Ø (m)	0.71	1.42	2.13	2.84	3.55	4.26	4.97	5.68	6.39	7.10	
CRI @ 3.200 K	96.3										
TLCI @ 3.200 K	98.1										
CRI @ 5.600 K	96.8										
TLCI @ 5.600 K	97.9										



### OPTIC: LENS TUBE PROFILE 19°

Distance (m)	3	6	9	12	15	18	21	24	27	30	
Luminous Emittance (lux)	3.200 K	19801	4950	2200	1238	792	550	404	309	244	198
	5.600 K	23972	5993	2664	1498	959	666	489	375	296	240
Diameter Ø (m)	0.96	1.92	2.88	3.84	4.81	5.77	6.73	7.69	8.65	9.61	
CRI @ 3.200 K	96.5										
TLCI @ 3.200 K	98.1										
CRI @ 5.600 K	96.6										
TLCI @ 5.600 K	97.9										

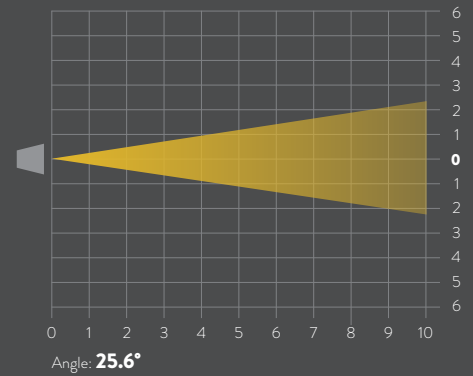


# LEDko VariWhite HD +

## PHOTOMETRICAL DATA

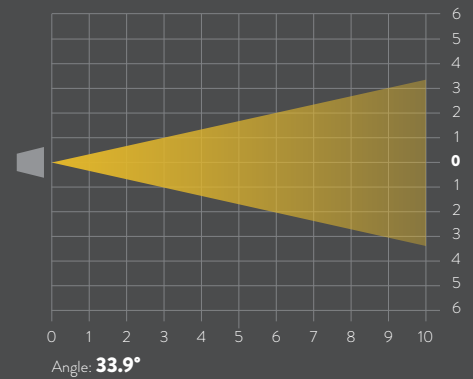
### OPTIC: LENS TUBE PROFILE 26°

Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	86485	21621	9609	5405	3459	2402	1765	1351	1068	865
	5.600 K	115003	28751	12778	7188	4600	3195	2347	1797	1420	1150
Diameter Ø (m)		0.45	0.91	1.36	1.82	2.27	2.73	3.18	3.63	4.09	4.54
CRI @ 3.200 K		96.1									
TLCI @ 3.200 K		98.2									
CRI @ 5.600 K		96.6									
TLCI @ 5.600 K		97.9									



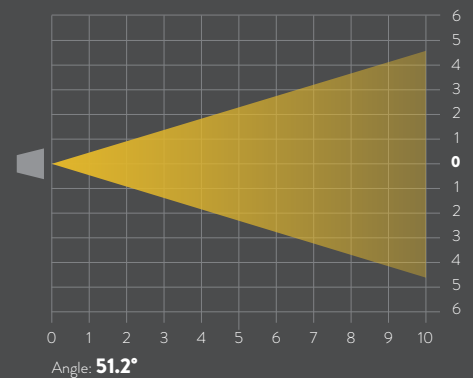
### OPTIC: LENS TUBE PROFILE 36°

Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	49147	12287	5461	3072	1966	1365	1003	768	607	491
	5.600 K	59927	14982	6659	3745	2397	1665	1223	936	740	599
Diameter Ø (m)		0.61	1.22	1.83	2.44	3.05	3.66	4.27	4.88	5.49	6.10
CRI @ 3.200 K		96.2									
TLCI @ 3.200 K		98.1									
CRI @ 5.600 K		96.7									
TLCI @ 5.600 K		97.9									



### OPTIC: LENS TUBE PROFILE 50°

Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	28665	7166	3185	1792	1147	796	585	448	354	287
	5.600 K	34741	8685	3860	2171	1390	965	709	543	429	347
Diameter Ø (m)		0.96	1.92	2.87	3.83	4.79	5.75	6.71	7.67	8.62	9.58
CRI @ 3.200 K		96.4									
TLCI @ 3.200 K		98.1									
CRI @ 5.600 K		96.7									
TLCI @ 5.600 K		97.9									

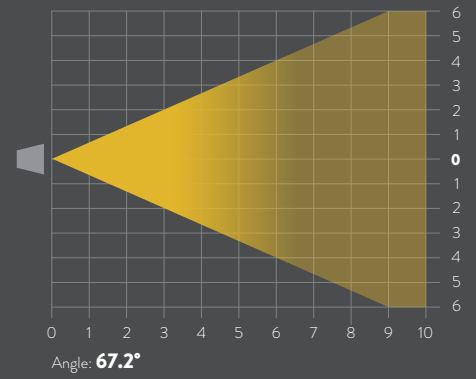


# LEDko VariWhite HD +

## PHOTOMETRICAL DATA

OPTIC: LENS TUBE PROFILE 70°

Distance (m)	1	2	3	4	5	6	7	8	9	10	
Luminous Emittance (lux)	3.200 K	14342	3586	1594	896	574	398	293	224	177	143
	5.600 K	18855	4714	2095	1178	754	524	385	295	233	189
Diameter Ø (m)	1.33	2.66	3.99	5.32	6.64	7.97	9.30	10.63	11.96	13.29	
CRI @ 3.200 K	96.4										
TLCI @ 3.200 K	98.2										
CRI @ 5.600 K	96.8										
TLCI @ 5.600 K	97.9										



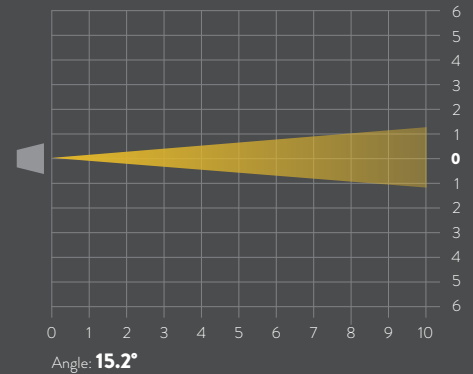
# LEDko VariWhite HD +

## PHOTOMETRICAL DATA

### OPTIC: PROFILE ZOOM 15° - 35°

Zoom Min.

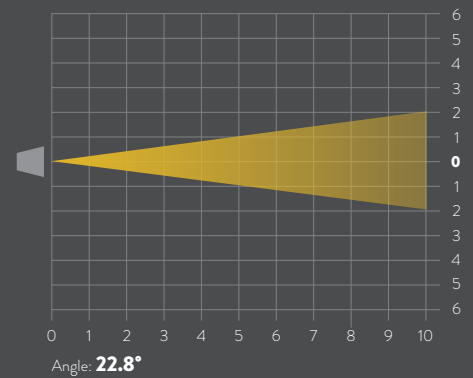
Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	236229	59057	26248	14764	9449	6562	4821	3691	2916	2362
	5.600 K	287385	71846	31932	17962	11495	7983	5865	4490	3548	2874
Diameter Ø (m)		0.27	0.53	0.80	1.07	1.33	1.60	1.87	2.13	2.40	2.67
CRI @ 3.200 K		96.4									
TLCI @ 3.200 K		98.1									
CRI @ 5.600 K		96.5									
TLCI @ 5.600 K		97.8									



### OPTIC: PROFILE ZOOM 15° - 35°

Zoom Med.

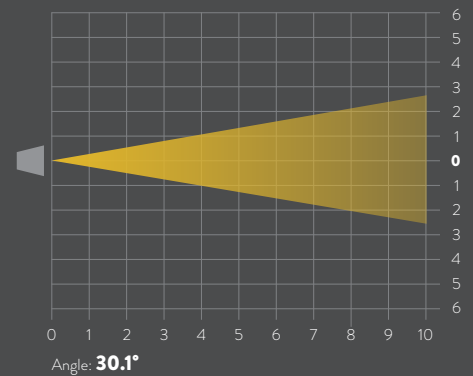
Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	113386	28347	12598	1087	4535	3150	2314	1772	1400	1134
	5.600 K	125979	31495	13998	7874	5039	3499	2571	1968	1555	1260
Diameter Ø (m)		0.40	0.81	1.21	1.61	2.02	2.42	2.82	3.23	3.63	4.03
CRI @ 3.200 K		96.4									
TLCI @ 3.200 K		98.2									
CRI @ 5.600 K		96.8									
TLCI @ 5.600 K		97.6									



### OPTIC: PROFILE ZOOM 15° - 35°

Zoom Max.

Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	72177	18044	8020	4511	2887	2005	1473	1128	891	722
	5.600 K	87514	21879	9724	5470	3501	2431	1786	1367	1080	875
Diameter Ø (m)		0.54	1.08	1.61	2.15	2.69	3.23	3.76	4.30	4.84	5.38
CRI @ 3.200 K		96.3									
TLCI @ 3.200 K		98.1									
CRI @ 5.600 K		96.7									
TLCI @ 5.600 K		97.8									



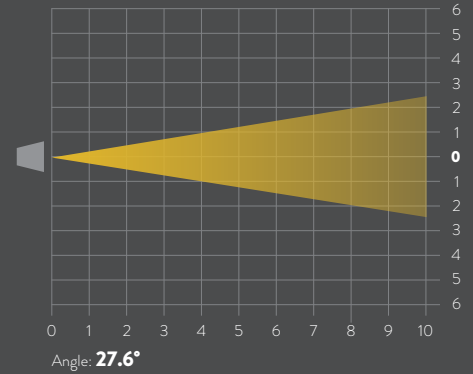
# LEDko VariWhite HD +

## PHOTOMETRICAL DATA

### OPTIC: PROFILE ZOOM 25° - 50°

Zoom Min.

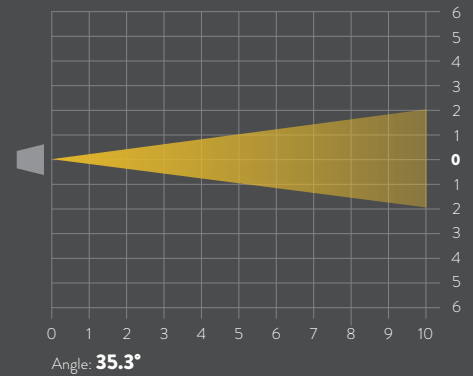
Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	69188	17297	7688	4324	2768	1922	1412	1081	854	692
	5.600 K	81683	20421	9076	5105	3267	2269	1667	1276	1008	817
Diameter Ø (m)		0.49	0.98	1.47	1.96	2.46	2.95	3.44	3.93	4.42	4.91
CRI @ 3.200 K		96.2									
TLCI @ 3.200 K		98.2									
CRI @ 5.600 K		96.7									
TLCI @ 5.600 K		97.8									



### OPTIC: PROFILE ZOOM 25° - 50°

Zoom Med.

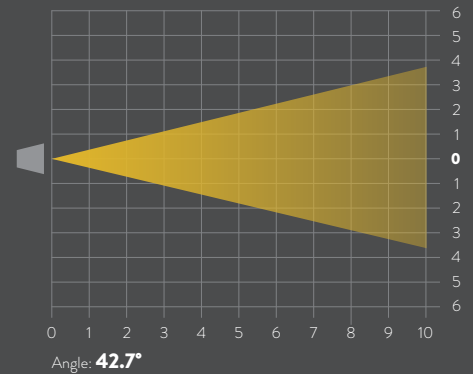
Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	43120	10780	4791	2695	1725	1198	880	674	532	431
	5.600 K	52773	13193	5864	3298	2111	1466	1077	825	652	528
Diameter Ø (m)		0.64	1.27	1.91	2.55	3.18	3.82	4.45	5.09	5.73	6.36
CRI @ 3.200 K		95.9									
TLCI @ 3.200 K		98									
CRI @ 5.600 K		96.7									
TLCI @ 5.600 K		97.7									



### OPTIC: PROFILE ZOOM 25° - 50°

Zoom Max.

Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	31066	7767	3452	1942	1243	863	634	485	384	311
	5.600 K	38955	9739	4328	2435	1558	1082	795	609	481	396
Diameter Ø (m)		0.78	1.56	2.35	3.13	3.91	4.69	5.47	6.25	7.04	7.82
CRI @ 3.200 K		95.8									
TLCI @ 3.200 K		98.1									
CRI @ 5.600 K		96.7									
TLCI @ 5.600 K		97.7									



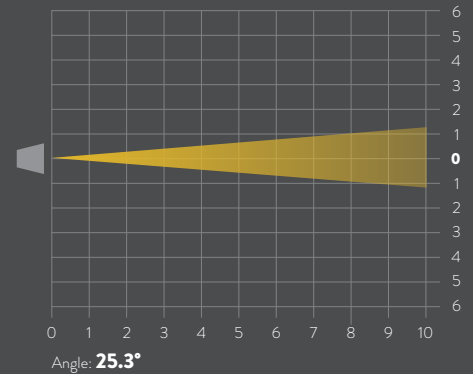
# LEDko VariWhite HD +

## PHOTOMETRICAL DATA

### OPTIC: PROFILE ZOOM 28° - 40°

Zoom Min.

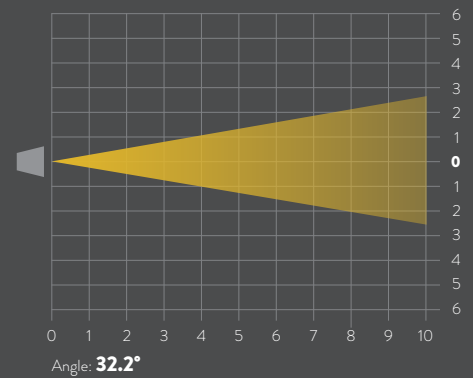
Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	95403	23851	10600	5963	3816	2650	1947	14914	1178	954
	5.600 K	115493	28873	12833	7218	4620	3208	2357	1805	1426	1155
Diameter Ø (m)		0.45	0.90	1.35	1.80	2.24	2.69	3.14	3.59	4.04	4.49
CRI @ 3.200 K		96.5									
TLCI @ 3.200 K		98.3									
CRI @ 5.600 K		96.9									
TLCI @ 5.600 K		97.9									



### OPTIC: PROFILE ZOOM 28° - 40°

Zoom Med.

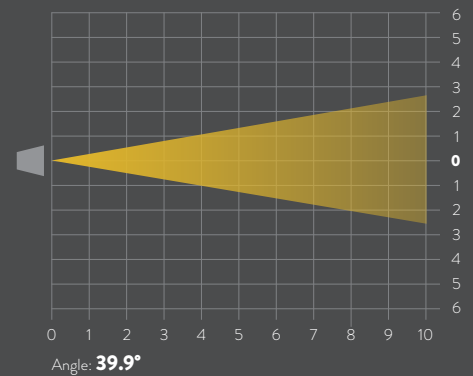
Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	63161	15790	7018	3948	2526	1754	1289	987	780	632
	5.600 K	77028	19257	8559	4814	3081	2140	1572	1204	951	770
Diameter Ø (m)		0.58	1.15	1.73	2.31	2.89	3.46	4.04	4.62	5.20	5.77
CRI @ 3.200 K		96.4									
TLCI @ 3.200 K		98.2									
CRI @ 5.600 K		96.8									
TLCI @ 5.600 K		97.9									



### OPTIC: PROFILE ZOOM 28° - 40°

Zoom Max.

Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	42287	10572	4699	2643	1691	1175	863	661	522	423
	5.600 K	50911	12728	5657	3182	2036	1414	1039	795	629	509
Diameter Ø (m)		0.71	1.41	2.12	2.83	3.53	4.24	4.94	5.65	6.36	7.06
CRI @ 3.200 K		96.4									
TLCI @ 3.200 K		98.2									
CRI @ 5.600 K		97									
TLCI @ 5.600 K		97.9									



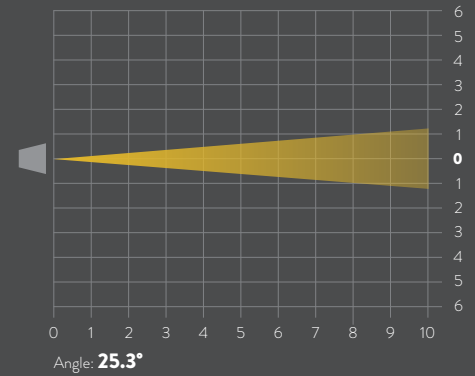
# LEDko VariWhite HD +

## PHOTOMETRICAL DATA

### OPTIC: PROFILE ZOOM 28° - 40°

Zoom Min.

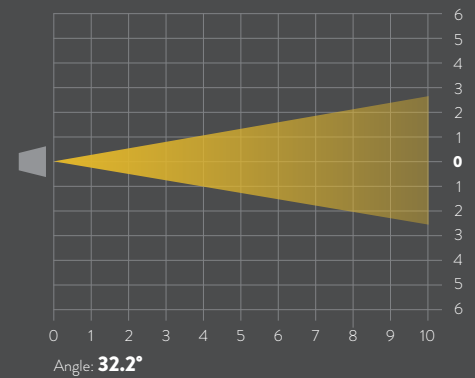
Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	95403	23851	10600	5963	3816	2650	1947	14914	1178	954
	5.600 K	115493	28873	12833	7218	4620	3208	2357	1805	1426	1155
Diameter Ø (m)		0.45	0.90	1.35	1.80	2.24	2.69	3.14	3.59	4.04	4.49
CRI @ 3.200 K		96.5									
TLCI @ 3.200 K		98.3									
CRI @ 5.600 K		96.9									
TLCI @ 5.600 K		97.9									



### OPTIC: PROFILE ZOOM 28° - 40°

Zoom Med.

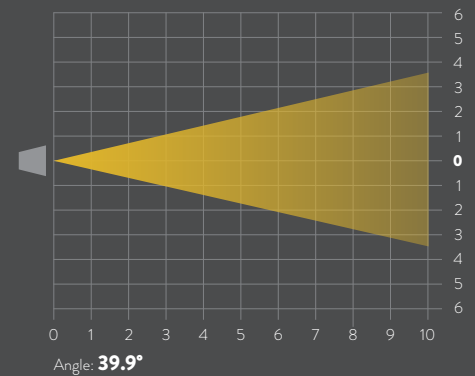
Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	63161	15790	7018	3948	2526	1754	1289	987	780	632
	5.600 K	77028	19257	8559	4814	3081	2140	1572	1204	951	770
Diameter Ø (m)		0.58	1.15	1.73	2.31	2.89	3.46	4.04	4.62	5.20	5.77
CRI @ 3.200 K		96.4									
TLCI @ 3.200 K		98.2									
CRI @ 5.600 K		96.8									
TLCI @ 5.600 K		97.9									



### OPTIC: PROFILE ZOOM 28° - 40°

Zoom Max.

Distance (m)		1	2	3	4	5	6	7	8	9	10
Luminous Emittance (lux)	3.200 K	42287	10572	4699	2643	1691	1175	863	661	522	423
	5.600 K	50911	12728	5657	3182	2036	1414	1039	795	629	509
Diameter Ø (m)		0.71	1.41	2.12	2.83	3.53	4.24	4.94	5.65	6.36	7.06
CRI @ 3.200 K		96.4									
TLCI @ 3.200 K		98.2									
CRI @ 5.600 K		97									
TLCI @ 5.600 K		97.9									





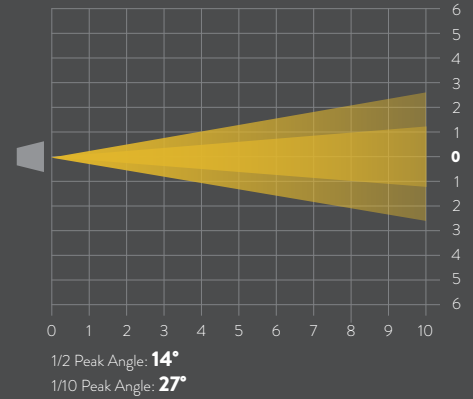
# LEDko VariWhite HD +

## PHOTOMETRICAL DATA

### OPTIC: SOFT PROFILE FRESNEL ZOOM 14° - 40°

Zoom Min.

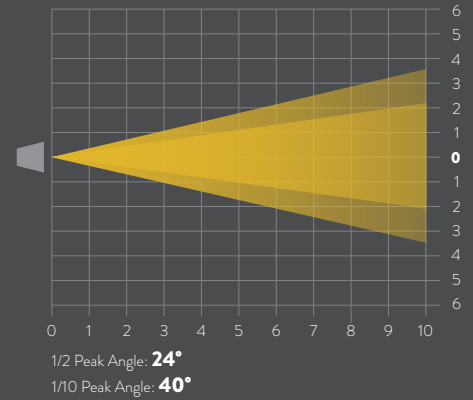
Distance (m)	1	2	3	4	5	6	7	8	9	10	
Luminous Emittance (lux)	3.200 K	61593	15398	6844	3850	2464	1711	1257	962	760	616
	5.600 K	74284	18571	8254	4643	2971	2063	1516	1161	917	743
1/2 Peak Angle Diameter Ø (m)	0.25	0.49	0.74	0.98	1.23	1.47	1.72	1.96	2.21	2.46	
1/10 Peak Angle Diameter Ø (m)	0.48	0.96	1.44	1.92	2.40	2.88	3.36	3.84	4.32	4.80	
CRI @ 3.200 K	96.4										
TLCI @ 3.200 K	98.2										
CRI @ 5.600 K	97.1										
TLCI @ 5.600 K	97.7										



### OPTIC: SOFT PROFILE FRESNEL ZOOM 14° - 40°

Zoom Max.

Distance (m)	1	2	3	4	5	6	7	8	9	10	
Luminous Emittance (lux)	3.200 K	39136	9784	4348	2446	1565	1087	799	612	483	391
	5.600 K	47687	11922	5299	2980	1907	1325	973	745	589	477
1/2 Peak Angle Diameter Ø (m)	0.43	0.85	1.28	1.70	2.13	2.55	2.98	3.40	3.83	4.25	
1/10 Peak Angle Diameter Ø (m)	0.73	1.46	2.18	2.91	3.64	4.37	5.10	5.82	6.55	7.28	
CRI @ 3.200 K	96.5										
TLCI @ 3.200 K	98.1										
CRI @ 5.600 K	97.2										
TLCI @ 5.600 K	97.8										



# LEDko VariWhite HD +

## PHOTOMETRICAL DATA

### OPTIC: SOFT PROFILE PC ZOOM 11° - 38°

Zoom Min.

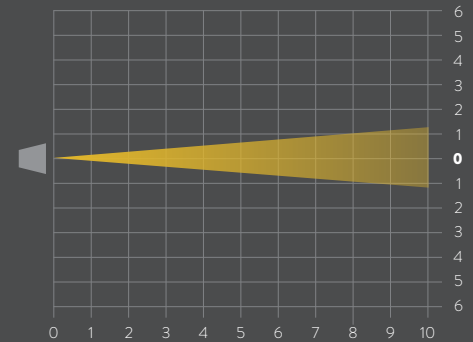
Distance (m)	1	2	3	4	5	6	7	8	9	10	
Luminous Emittance (lux)	3.200 K	112651	28163	12517	7041	4506	3129	2299	1760	1391	1127
	5.600 K	136269	34067	15141	8517	5451	3785	2781	2129	1682	1363
1/2 Peak Angle Diameter Ø (m)	0.19	0.39	0.58	0.77	0.96	1.16	1.35	1.54	1.73	1.93	
1/10 Peak Angle Diameter Ø (m)	0.37	0.74	1.11	1.48	1.85	2.22	2.59	2.97	3.34	3.71	

CRI @ 3.200 K 96.7

TLCI @ 3.200 K 98.5

CRI @ 5.600 K 97

TLCI @ 5.600 K 97.7



1/2 Peak Angle: **11°**  
1/10 Peak Angle: **21°**

### OPTIC: SOFT PROFILE PC ZOOM 11° - 38°

Zoom Max.

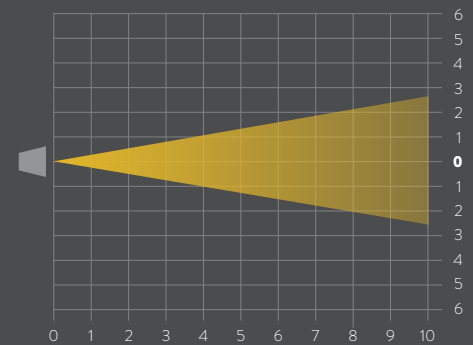
Distance (m)	1	2	3	4	5	6	7	8	9	10	
Luminous Emittance (lux)	3.200 K	55027	13757	6114	3439	2201	1529	1123	860	679	550
	5.600 K	68208	17052	7579	4263	2728	1895	1392	1066	842	682
1/2 Peak Angle Diameter Ø (m)	0.39	0.78	1.17	1.56	1.94	2.33	2.72	3.11	3.50	3.89	
1/10 Peak Angle Diameter Ø (m)	0.69	1.38	2.07	2.75	3.44	4.13	4.82	5.51	6.20	6.89	

CRI @ 3.200 K 97.1

TLCI @ 3.200 K 98.5

CRI @ 5.600 K 96.6

TLCI @ 5.600 K 97.9



1/2 Peak Angle: **22°**  
1/10 Peak Angle: **38°**