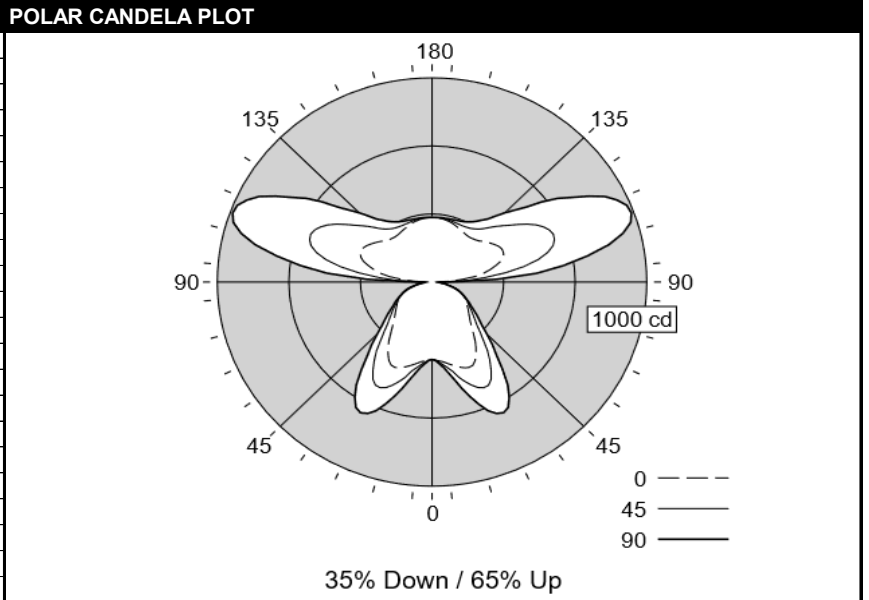


# LEDALITE - EYELINE

**TEST DATE:** 30 Jun 2020 **CATALOG NO:** ELxSL93548QN04D

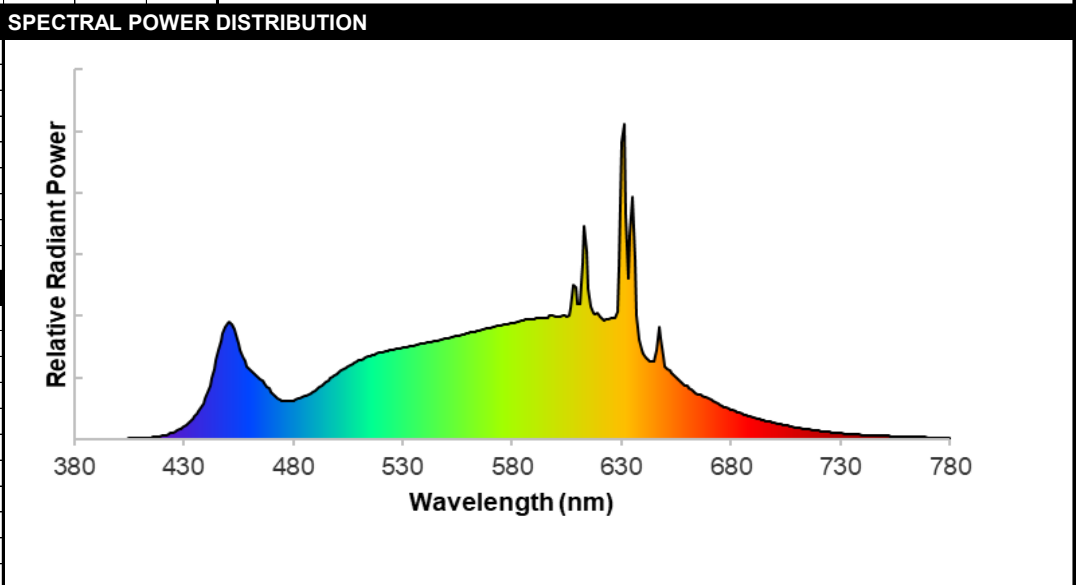
<b>Lamp Type:</b>	LED	<b>Description:</b>	EYELINE SUSPENDED STD 4800LM 935
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4182 lm 100%
<b>Input Watts:</b>	120 VAC 35.9	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	35% Down / 65% Up 116.5
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report:</b>	LNG01110

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	379	379	379	379	379	
5	388	391	395	407	403	39
15	427	448	484	539	541	140
25	450	480	571	671	711	261
35	350	364	469	542	615	288
45	247	250	294	324	362	230
55	200	199	215	219	235	192
65	167	158	161	157	166	159
75	112	103	104	95	101	107
85	38	29	35	34	40	45
90	19	25	44	72	84	
95	137	132	246	365	490	276
105	306	346	557	770	920	591
115	364	422	603	852	951	621
125	332	380	492	669	715	464
135	291	318	377	460	480	302
145	280	292	320	355	364	204
155	292	296	309	324	328	144
165	307	308	313	317	319	89
175	315	315	316	317	317	30
180	316	316	316	316	316	



CHARACTERISTICS				COEFFICIENTS OF UTILIZATION (%)												
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			Pc--	80				70			50			0	
Direct: Peak Candela & Angle (0°)	452.6	22.5		Pw--	70	50	30	10	70	50	30	50	30	10	0	
Direct: Peak Candela & Angle (90°)	721.9	27.5		RCR												
Spacing Criteria (0°, 90°, 180°)	1.41	1.75	N/A	0	104	104	104	104	94	94	94	75	75	75	35	
Beam (H, V), Field (H, V)	90.9	61.4	159.7	155.7	1	94	90	86	83	85	81	78	65	63	61	29
Indirect: Peak Candela & Angle(°)	988.1	110.0	2	86	78	72	67	77	71	66	57	54	50	42	24	
Indirect: Zenith Candela, Peak to Zenith	316.1	3.13	3	78	69	62	56	70	63	56	50	46	42	21		
Luminous Width, Length, Height (ft)	0.94	3.94	0.02	4	72	61	53	47	64	55	49	45	40	36	18	
DLC, UGR (4H x 8H, 1.0H), MDER	Standard	11.5	0.575	5	66	54	46	41	59	49	42	40	35	31	15	
x, y, CCT, D <sub>uv</sub>	0.4086	0.3907	3428	-0.0007	6	60	49	41	35	54	44	37	36	31	27	14
CRI (R <sub>a</sub> ), R <sub>g</sub> , G <sub>a</sub> , C <sub>g</sub>	93	60	99	93	7	56	44	36	31	50	40	33	33	28	24	12
TM-30-18 R <sub>f</sub> , R <sub>h1</sub> , R <sub>g</sub> , R <sub>sb,h1</sub>	91	90	100	-6%	8	52	40	32	27	47	36	30	30	25	21	11
120V: P(W), I(A), THD(%), PF	35.9	0.300	6.2	0.997	9	48	36	29	24	43	33	27	27	22	19	10
277V: P(W), I(A), THD(%), PF	35.5	0.132	11.8	0.968	10	45	33	26	21	40	30	24	25	20	17	9
347V: P(W), I(A), THD(%), PF	35.1	0.104	10.0	0.976	*Based on a floor reflectance of 0.2											

ZONAL LUMENS (lm)			
Zone	Lumens	%Fixture	%Lamp
0-30	441	10.5%	10.5%
0-40	729	17.4%	17.4%
0-60	1151	27.5%	27.5%
0-90	1462	35.0%	35.0%
90-130	1952	46.7%	46.7%
90-150	2458	58.8%	58.8%
90-180	2720	65.0%	65.0%
0-180	4182	100.0%	100.0%

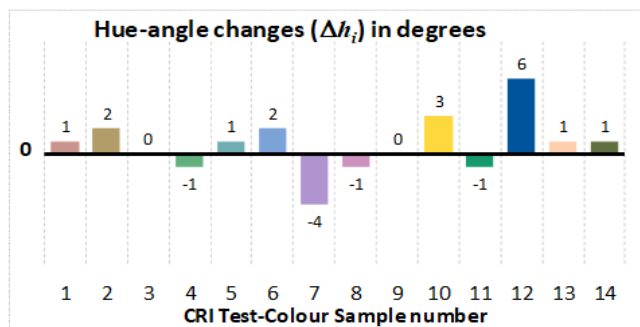
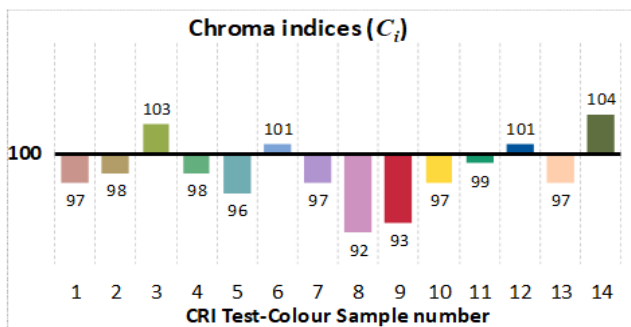
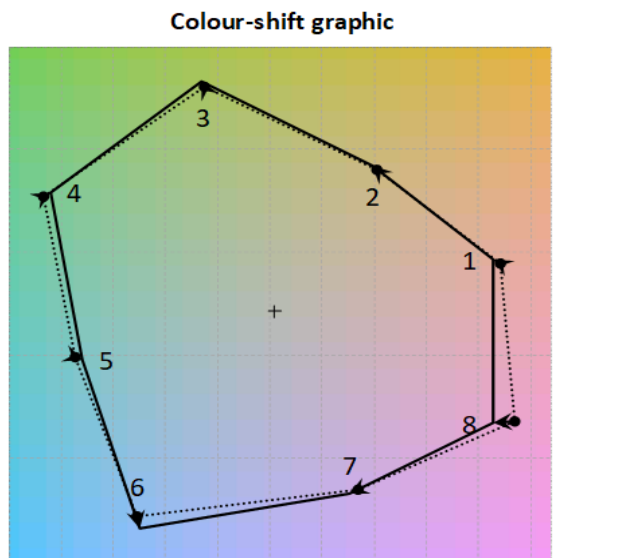
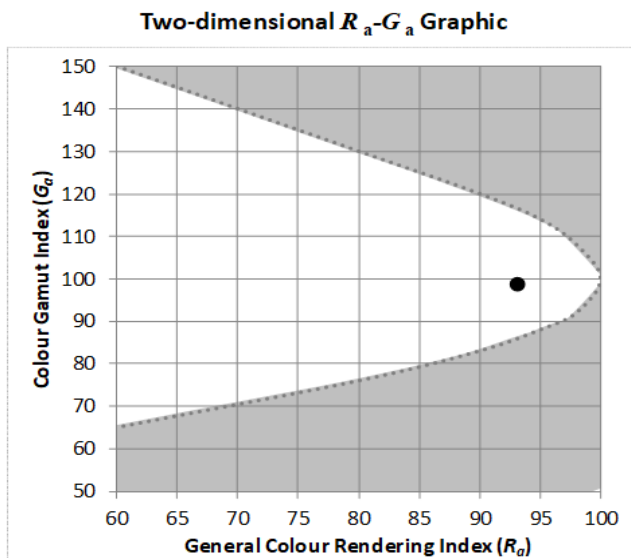
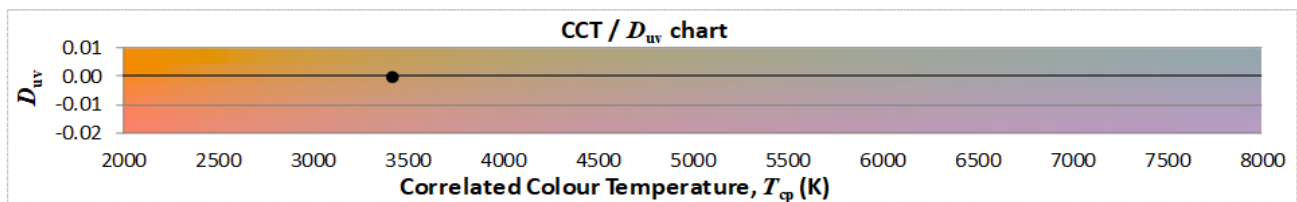
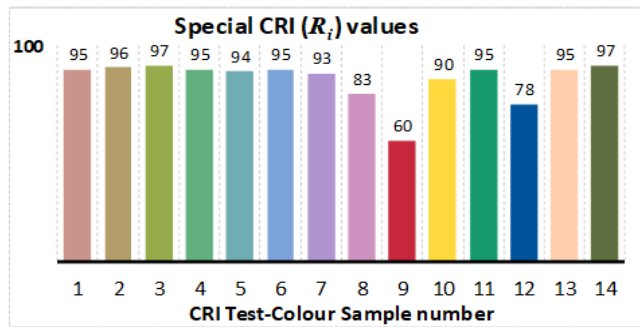
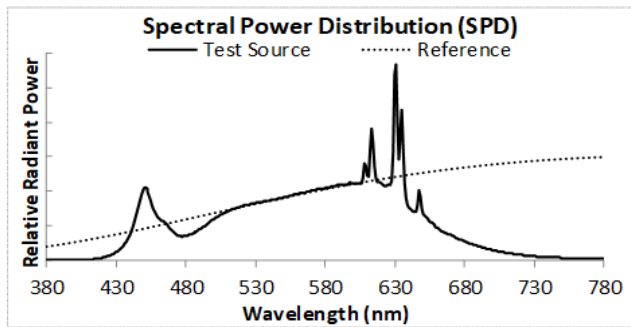


AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	1101	1101	1101
5	1131	1150	1173
15	1281	1447	1619
25	1438	1815	2255
35	1237	1643	2149
45	1011	1187	1455
55	1006	1062	1155
65	1134	1062	1094
75	1231	1094	1048
85	1207	967	1075

# Output of GLA Calculation Tool for CIE 13.3 CRI and Associated CRI-based Colour Rendition Properties

Test Number:	T20200816	Manufacturer:	Ledalite by Signify
Date:	3 Jun 2020	Model:	EyeLine

Correlated Colour Temperature ( $T_{cp}$ ) in K	3428	CIE1931 chromaticity coordinate, $x$	0.4086
Distance to Blackbody Locus ( $D_{uv}$ )	-0.0007	CIE1931 chromaticity coordinate, $y$	0.3907
General Colour Rendering Index ( $R_a$ )	93	CIE1976 chromaticity coordinate, $u'$	0.2379
Red Rendering Index ( $R_9$ )	60	CIE1976 chromaticity coordinate, $v'$	0.5117
Colour Gamut Index ( $G_a$ )	99		
Red Chroma Index ( $C_9$ )	93		



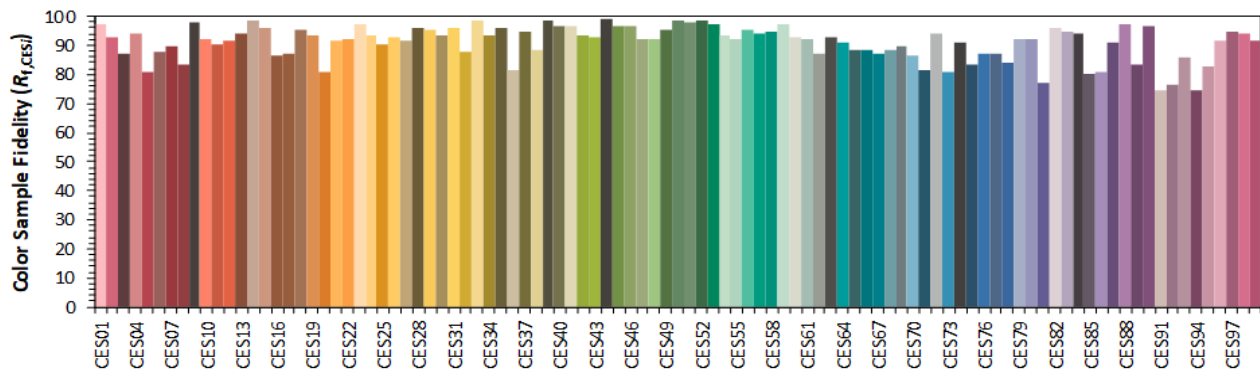
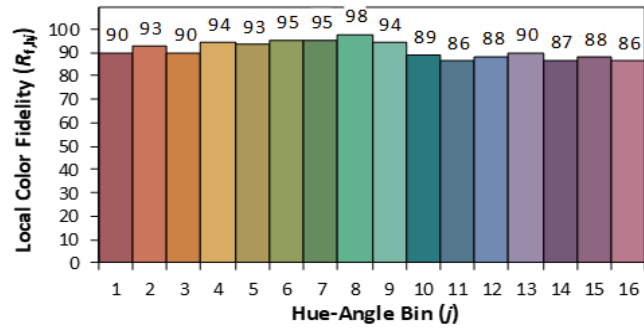
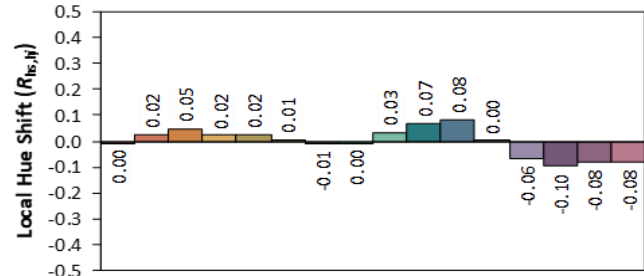
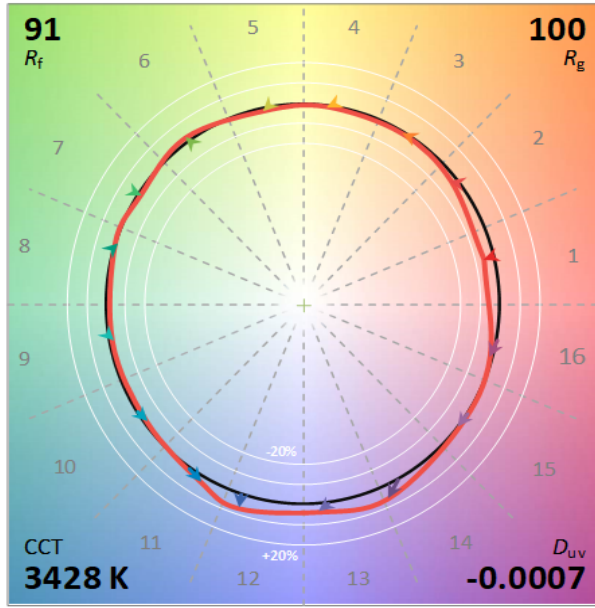
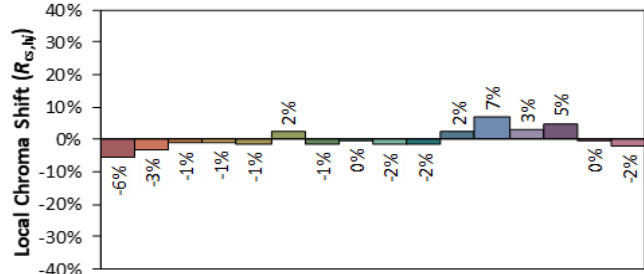
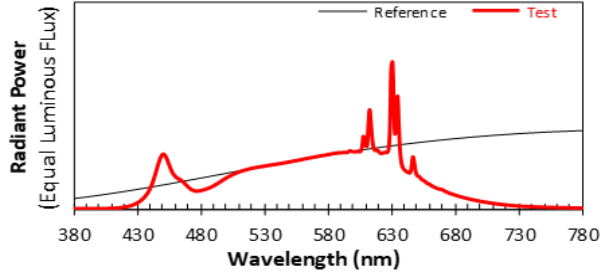
# ANSI/IES TM-30-18 Color Rendition Report

Source: T20200816

Manufacturer: Ledalite by Signify

Date: 03 Jun 2020

Model: EyeLine



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x 0.4086

y 0.3907

u' 0.2379

v' 0.5117

### SPECTRAL POWER DISTRIBUTION

λ (nm)	SPD	λ (nm)	SPD	λ (nm)	SPD	λ (nm)	SPD	λ (nm)	SPD	λ (nm)	SPD	λ (nm)	SPD	λ (nm)	SPD	λ (nm)	SPD
380	0.00000	425	0.00510	470	0.03860	515	0.06740	560	0.08570	605	0.09940	650	0.05900	695	0.01520	740	0.00340
381	0.00010	426	0.00580	471	0.03650	516	0.06800	561	0.08640	606	0.10000	651	0.05710	696	0.01480	741	0.00330
382	0.00020	427	0.00670	472	0.03470	517	0.06870	562	0.08690	607	0.10090	652	0.05600	697	0.01420	742	0.00320
383	0.00010	428	0.00760	473	0.03330	518	0.06910	563	0.08720	608	0.12580	653	0.05350	698	0.01380	743	0.00310
384	0.00020	429	0.00860	474	0.03220	519	0.06980	564	0.08760	609	0.12300	654	0.05130	699	0.01340	744	0.00300
385	0.00010	430	0.00980	475	0.03130	520	0.07030	565	0.08830	610	0.10960	655	0.04950	700	0.01290	745	0.00290
386	0.00010	431	0.01110	476	0.03090	521	0.07080	566	0.08840	611	0.10920	656	0.04850	701	0.01250	746	0.00280
387	0.00010	432	0.01250	477	0.03060	522	0.07130	567	0.08900	612	0.14330	657	0.04670	702	0.01210	747	0.00280
388	0.00010	433	0.01410	478	0.03070	523	0.07150	568	0.08960	613	0.17250	658	0.04490	703	0.01170	748	0.00270
389	0.00010	434	0.01600	479	0.03100	524	0.07200	569	0.08980	614	0.15200	659	0.04370	704	0.01140	749	0.00260
390	0.00010	435	0.01800	480	0.03140	525	0.07240	570	0.09030	615	0.12230	660	0.04280	705	0.01100	750	0.00250
391	0.00010	436	0.02040	481	0.03200	526	0.07270	571	0.09070	616	0.10720	661	0.04140	706	0.01070	751	0.00250
392	0.00020	437	0.02280	482	0.03250	527	0.07310	572	0.09110	617	0.10240	662	0.03990	707	0.01030	752	0.00240
393	0.00020	438	0.02590	483	0.03320	528	0.07350	573	0.09160	618	0.10170	663	0.03850	708	0.01000	753	0.00230
394	0.00020	439	0.02930	484	0.03390	529	0.07380	574	0.09200	619	0.10220	664	0.03750	709	0.00960	754	0.00220
395	0.00010	440	0.03350	485	0.03470	530	0.07420	575	0.09230	620	0.09980	665	0.03650	710	0.00930	755	0.00230
396	0.00020	441	0.03820	486	0.03550	531	0.07450	576	0.09290	621	0.09790	666	0.03560	711	0.00910	756	0.00210
397	0.00020	442	0.04380	487	0.03630	532	0.07480	577	0.09300	622	0.09610	667	0.03480	712	0.00870	757	0.00210
398	0.00020	443	0.05000	488	0.03730	533	0.07540	578	0.09350	623	0.09680	668	0.03420	713	0.00840	758	0.00200
399	0.00020	444	0.05720	489	0.03840	534	0.07580	579	0.09370	624	0.09770	669	0.03390	714	0.00820	759	0.00200
400	0.00020	445	0.06440	490	0.03950	535	0.07590	580	0.09430	625	0.09810	670	0.03340	715	0.00780	760	0.00190
401	0.00020	446	0.07210	491	0.04070	536	0.07650	581	0.09450	626	0.09840	671	0.03210	716	0.00760	761	0.00190
402	0.00020	447	0.07970	492	0.04210	537	0.07680	582	0.09510	627	0.09830	672	0.03080	717	0.00730	762	0.00180
403	0.00030	448	0.08620	493	0.04340	538	0.07710	583	0.09550	628	0.10370	673	0.02980	718	0.00710	763	0.00170
404	0.00030	449	0.09120	494	0.04460	539	0.07730	584	0.09610	629	0.14000	674	0.02880	719	0.00680	764	0.00170
405	0.00030	450	0.09460	495	0.04620	540	0.07760	585	0.09630	630	0.24170	675	0.02780	720	0.00660	765	0.00170
406	0.00030	451	0.09510	496	0.04750	541	0.07820	586	0.09680	631	0.25580	676	0.02690	721	0.00640	766	0.00160
407	0.00040	452	0.09340	497	0.04910	542	0.07850	587	0.09720	632	0.18210	677	0.02620	722	0.00620	767	0.00150
408	0.00040	453	0.08930	498	0.05050	543	0.07890	588	0.09740	633	0.13050	678	0.02550	723	0.00600	768	0.00150
409	0.00060	454	0.08440	499	0.05180	544	0.07920	589	0.09750	634	0.16540	679	0.02470	724	0.00570	769	0.00140
410	0.00060	455	0.07800	500	0.05320	545	0.07960	590	0.09760	635	0.19640	680	0.02390	725	0.00560	770	0.00130
411	0.00070	456	0.07250	501	0.05460	546	0.07990	591	0.09780	636	0.14620	681	0.02330	726	0.00530	771	0.00130
412	0.00090	457	0.06710	502	0.05560	547	0.08050	592	0.09810	637	0.10070	682	0.02250	727	0.00520	772	0.00130
413	0.00090	458	0.06260	503	0.05690	548	0.08080	593	0.09810	638	0.08040	683	0.02180	728	0.00500	773	0.00130
414	0.00110	459	0.05920	504	0.05790	549	0.08120	594	0.09820	639	0.07230	684	0.02120	729	0.00480	774	0.00120
415	0.00130	460	0.05670	505	0.05900	550	0.08160	595	0.09820	640	0.06880	685	0.02060	730	0.00470	775	0.00120
416	0.00150	461	0.05450	506	0.06020	551	0.08200	596	0.09860	641	0.06650	686	0.01990	731	0.00450	776	0.00110
417	0.00170	462	0.05320	507	0.06110	552	0.08240	597	0.10060	642	0.06480	687	0.01940	732	0.00440	777	0.00110
418	0.00200	463	0.05160	508	0.06200	553	0.08320	598	0.10080	643	0.06350	688	0.01880	733	0.00420	778	0.00110
419	0.00230	464	0.05080	509	0.06280	554	0.08340	599	0.10000	644	0.06270	689	0.01820	734	0.00410	779	0.00100
420	0.00260	465	0.04900	510	0.06370	555	0.08370	600	0.09940	645	0.06270	690	0.01780	735	0.00400	780	0.00100
421	0.00300	466	0.04730	511	0.06460	556	0.08400	601	0.09940	646	0.07250	691	0.01720	736	0.00390		
422	0.00340	467	0.04520	512	0.06530	557	0.08440	602	0.09930	647	0.09050	692	0.01670	737	0.00370		
423	0.00390	468	0.04280	513	0.06610	558	0.08510	603	0.09990	648	0.08200	693	0.01620	738	0.00360		
424	0.00450	469	0.04090	514	0.06670	559	0.08550	604	0.09990	649	0.06730	694	0.01570	739	0.00360		

### UNIFIED GLARE RATING

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size	UGR Viewed Crosswise					UGR Viewed Endwise					
X=2H	Y=2H	6.0	6.7	7.1	7.8	9.3	6.6	7.3	7.7	8.4	9.9
	3H	8.4	9.0	9.5	10.1	11.6	8.7	9.3	9.7	10.4	11.9
	4H	9.4	10.0	10.5	11.1	12.6	9.5	10.1	10.6	11.2	12.7
	6H	10.1	10.7	11.2	11.8	13.3	10.1	10.7	11.2	11.8	13.3
	8H	10.4	10.9	11.5	12.0	13.5	10.4	10.9	11.5	12.0	13.5
	12H	10.6	11.1	11.7	12.2	13.7	10.6	11.1	11.7	12.2	13.7
4H	2H	6.7	7.3	7.8	8.4	9.9	7.2	7.8	8.3	8.9	10.4
	3H	9.3	9.8	10.4	10.9	12.4	9.5	10.0	10.6	11.1	12.6
	4H	10.4	10.9	11.5	12.0	13.5	10.4	10.9	11.5	12.0	13.5
	6H	11.2	11.6	12.3	12.8	14.3	11.2	11.6	12.3	12.7	14.2
	8H	11.5	11.9	12.7	13.1	14.6	11.5	11.9	12.6	13.0	14.5
	12H	11.8	12.1	12.9	13.3	14.8	11.7	12.1	12.9	13.2	14.8
8H	4H	10.7	11.1	11.8	12.2	13.8	10.7	11.1	11.9	12.2	13.8
	6H	11.7	12.0	12.9	13.2	14.7	11.7	12.0	12.8	13.1	14.7
	8H	12.1	12.4	13.3	13.6	15.1	12.1	12.3	13.2	13.5	15.0
	12H	12.4	12.7	13.6	13.8	15.4	12.4	12.7	13.6	13.8	15.4
12H	4H	10.7	11.1	11.9	12.2	13.8	10.8	11.1	11.9	12.2	13.8
	6H	11.8	12.1	13.0	13.2	14.8	11.7	12.0	12.9	13.2	14.7
	8H	12.3	12.5	13.4	13.6	15.2	12.2	12.4	13.3	13.6	15.2

The UGR values have been calculated according to CIE Publ. 117.

Spacing-to-Height-Ratio = 1.00.

The highlighted value refers to the UGR value which the luminaire would have in a reference situation with room dimensions of 4H/8H and degrees of reflectance of 20% for the floor, 50% for the walls and 70% for the ceiling, as recommended by DLC.

The UGR value may vary depending on application specific parameters.