

Concord
by **SYLVANIA**



Lighting for office comfort

Concord Optix Recessed

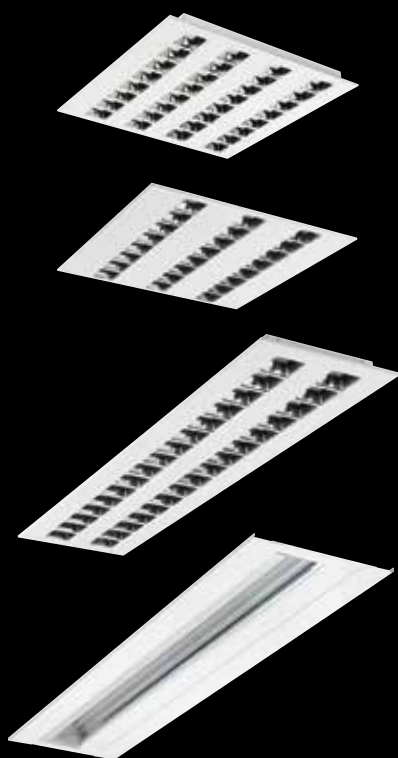
Concord Optix is a flagship luminaire family of our office and education portfolio. Combining high performance glare-controlled optics with state of the art highly efficient LEDs and wide variety of control options, Concord Optix offers the perfect lighting solution for office, education and seminar room environments.

The modular design of the optical unit allows for customisation with variants to fit in different ceiling types, match colours and comply with different configurations.

The range offers the possibility to mix and match different versions in a single lighting scheme. The optics of the luminaires are available in two finishing colours to match the aesthetic needs of any application.

In an effort to appreciate human health and well being, and as a result of the continuous evolution of the range, Concord Optix now brings you a new era in office lighting by recreating sunlight. Combining the innovation of Sylvania LumiNature with SylSmart technology Concord Optix gives you one of the most natural, artificial lights in human centric lighting. Keeping in mind that modern offices should be connected to both broader business drivers and the people within it, Concord Optix continues to be available with our SylSmart Connected and SylSmart Standalone control options.

The beauty of **light**



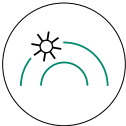
Human Centric Lighting

LumiNature. Natural light recreated.



Our versatile Concord Optix range has members complying with the latest Well Building Standard, offering real Human Centric Lighting options with either Tunable White (2800-6200K) or Neutral White (4000K) colour temperature.

Sylvania LumiNature marks a new era in human centric lighting: it recreates sunlight.



- **Its complete spectral curve with eliminated blue peaks** and



- **truest colours** make it one of the most natural artificial lights.



LumiNature gives you something that even the sun cannot:

- **dynamic lighting control.**

The SylSmart Standalone and Connected control options offer you full optimisation and tunability.

Revolutionary, human-tailored light. Designed for better living.

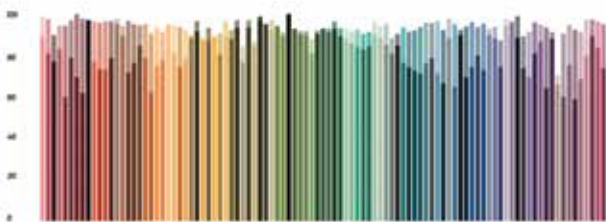
- Zero blue peak even in cold colour temperatures –

low glare (UGR<16) and low flicker (<5%),

- Rich and energizing light with beneficial melanopic ratio (>0.8 during daytime with cool light and <0.5 during the evening with warm light),
- Excellent colour rendering perfect for numerous applications – CRI97 including the truest reds and no ultra-violet or infra-red,
- Dynamic light 100% adapted to circadian rhythm – SylSmart enabled system with dimmable, auto-adjusting tunable white light.

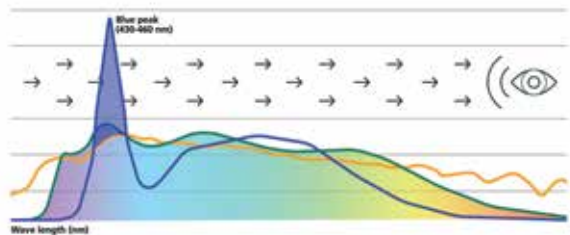
Concord Optix Lumi HCL Tunable White and Lumi 4000K fixtures are the best-in-class products offering high efficiency and customisation through the modular product design and two HCL options depending on office environment and budget.

Colour evaluation samples 1-99 LumiNature vs Standard LED



Lighter colours: LumiNature
Darker colours: Standard LED

Relative intensity



Concord Optix Recessed



Features

- Modular architecture allows for quick customisation
- Glare control optics available in two finishes, aluminised (UGR<16) or white (UGR<19)
- Luminance at 65°<200 Cd/m² with ALU optics
- Efficacy up to 147 lm/W
- Low LED flicker <5%
- LED Colour consistency between luminaries <3 SDCM
- Colour Rendering Index (CRI) >80 (3000K, 4000K, TW), >90 (4000K) and LUMI versions >95 (TW and 4000K)
- Colour: White (RAL9016) as standard, other colours available on request
- DALI (Switch-dim) dimmable, SylSmart Connected and SylSmart Standalone enabled
- 3 hours maintained or Central Battery Emergency
- Lifespan (CRI80 & CRI90):
48,000hrs L90B10
107,000hrs L80B20
120,000hrs L70B50
- Lifespan (CRI95+ LUMI):
>60,000hrs L80B20
100,000hrs L70B50

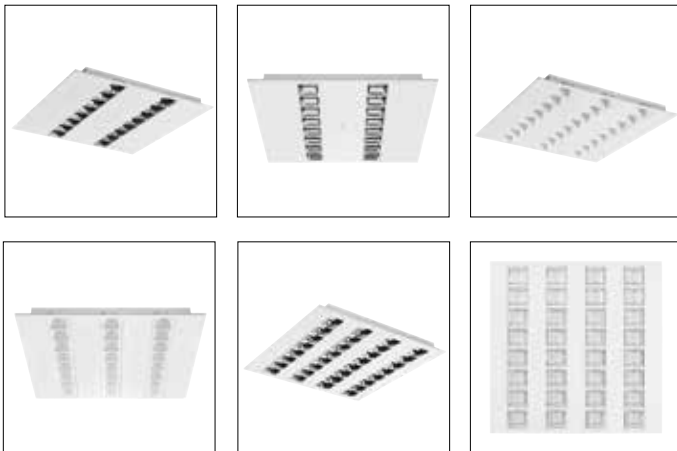


Concord Optix Recessed 600



Code	Description	Optic Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature (K)	CRI	Dimmable	Control Technology	UGR
Optix 600 x 600mm module - Standard Output										
3000K - CRI80										
2023590	Optix Recessed 600x600 2L SO 3000K ALU	Aluminium	23	2900	126	3000	>80	-	-	<16
2023592	Optix Recessed 600x600 2L SO 3000K WHT	White	21	2800	133	3000	>80	-	-	<19
2023591	Optix Recessed 600x600 2L SO 3000K ALU DALI	Aluminium	23	2900	126	3000	>80	Yes	DALI	<16
2023593	Optix Recessed 600x600 2L SO 3000K WHT DALI	White	21	2800	133	3000	>80	Yes	DALI	<19
4000K - CRI80										
2023594	Optix Recessed 600x600 2L SO 4000K ALU	Aluminium	21	2800	133	4000	>80	-	-	<16
2023599	Optix Recessed 600x600 2L SO 4000K WHT	White	20	2850	143	4000	>80	-	-	<19
2023595	Optix Recessed 600x600 2L SO 4000K ALU DALI	Aluminium	21	2800	133	4000	>80	Yes	DALI	<16
2023600	Optix Recessed 600x600 2L SO 4000K WHT DALI	White	20	2850	143	4000	>80	Yes	DALI	<19
2023598	Optix Recessed 600x600 2L SO 4000K ALU SSA02	Aluminium	22	2800	127	4000	>80	Yes	SylSmart Connected	<16
2023603	Optix Recessed 600x600 2L SO 4000K WHT SSA02	White	21	2850	136	4000	>80	Yes	SylSmart Connected	<19
2023597	Optix Recessed 600x600 2L SO 4000K ALU EM	Aluminium	21	2800	133	4000	>80	-	-	<16
2023602	Optix Recessed 600x600 2L SO 4000K WHT EM	White	20	2850	143	4000	>80	-	-	<19
2023596	Optix Recessed 600x600 2L SO 4000K ALU DALI EM	Aluminium	21	2800	133	4000	>80	Yes	DALI	<16
2023601	Optix Recessed 600x600 2L SO 4000K WHT DALI EM	White	20	2850	143	4000	>80	Yes	DALI	<19
2023632	Optix Recessed 600x600 3L SO 4000K ALU	Aluminium	21	2900	138	4000	>80	-	-	<16
2023634	Optix Recessed 600x600 3L SO 4000K WHT	White	20	2900	145	4000	>80	-	-	<19
2023633	Optix Recessed 600x600 3L SO 4000K ALU DALI	Aluminium	21	2900	138	4000	>80	Yes	DALI	<16
2023635	Optix Recessed 600x600 3L SO 4000K WHT DALI	White	20	2900	145	4000	>80	Yes	DALI	<19
4000K - CRI98 (LUMI)										
2023832	Optix Recessed 600X600 2L LUMI 4K ALU	Aluminium	30	2915	97	4000	>98	-	-	<16
2023833	Optix Recessed 600X600 2L LUMI 4K ALU DALI	Aluminium	30	2915	97	4000	>98	Yes	DALI	<16
2023834	Optix Recessed 600X600 2L LUMI 4K ALU SSC	Aluminium	31	2915	94	4000	>98	Yes	SylSmart Standalone	<16
2023863	Optix Recessed 600X600 2L LUMI 4K ALU SSA02	Aluminium	31	2915	94	4000	>98	Yes	SylSmart Connected	<16
4000K - CRI98 (LUMI HCL)										
2023835	Optix Recessed 600X600 2L LUMI HCL TW ALU DALI	Aluminium	32	2780	87	2800-6200	>96	Yes	DALI DT8	<16
2023836	Optix Recessed 600X600 2L LUMI HCL TW ALU SSC	Aluminium	33	2780	84	2800-6200	>96	Yes	SylSmart Standalone	<16

Additional Images



Concord Optix Recessed 600



Code	Description	Optic Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature (K)	CRI	Dimmable	Control Technology	UGR
Optix 600 x 600mm module - Medium Output										
3000K - CRI80										
2023570	Optix Recessed 600x600 2L 3000K ALU	Aluminium	26	3200	123	3000	>80	-	-	<16
2023572	Optix Recessed 600x600 2L 3000K WHT	White	26	3450	133	3000	>80	-	-	<19
2023571	Optix Recessed 600x600 2L 3000K ALU DALI	Aluminium	26	3200	123	3000	>80	Yes	DALI	<16
2023573	Optix Recessed 600x600 2L 3000K WHT DALI	White	26	3450	133	3000	>80	Yes	DALI	<19
2023604	Optix Recessed 600x600 3L 3000K ALU	Aluminium	26	3250	125	3000	>80	-	-	<16
2023606	Optix Recessed 600x600 3L 3000K WHT	White	26	3550	137	3000	>80	-	-	<19
2023605	Optix Recessed 600x600 3L 3000K ALU DALI	Aluminium	26	3250	125	3000	>80	Yes	DALI	<16
2023607	Optix Recessed 600x600 3L 3000K WHT DALI	White	26	3550	137	3000	>80	Yes	DALI	<19
4000K - CRI80										
2023574	Optix Recessed 600x600 2L 4000K ALU	Aluminium	26	3400	131	4000	>80	-	-	<16
2023585	Optix Recessed 600x600 2L 4000K WHT	White	23	3350	146	4000	>80	-	-	<19
2023575	Optix Recessed 600x600 2L 4000K ALU DALI	Aluminium	26	3400	131	4000	>80	Yes	DALI	<16
2023586	Optix Recessed 600x600 2L 4000K WHT DALI	White	23	3350	146	4000	>80	Yes	DALI	<19
2023578	Optix Recessed 600x600 2L 4000K ALU SSA02	Aluminium	27	3400	126	4000	>80	Yes	SylSmart Connected	<16
2023589	Optix Recessed 600x600 2L 4000K WHT SSA02	White	24	3400	142	4000	>80	Yes	SylSmart Connected	<19
2023577	Optix Recessed 600x600 2L 4000K ALU EM	Aluminium	26	3400	131	4000	>80	-	-	<16
2023588	Optix Recessed 600x600 2L 4000K WHT EM	White	23	3350	146	4000	>80	-	-	<19
2023576	Optix Recessed 600x600 2L 4000K ALU DALI EM	Aluminium	26	3400	131	4000	>80	Yes	DALI	<16
2023587	Optix Recessed 600x600 2L 4000K WHT DALI EM	White	23	3350	146	4000	>80	Yes	DALI	<19
2023608	Optix Recessed 600x600 3L 4000K ALU	Aluminium	26	3600	138	4000	>80	-	-	<16
2023613	Optix Recessed 600x600 3L 4000K WHT	White	24	3450	144	4000	>80	-	-	<19
2023609	Optix Recessed 600x600 3L 4000K ALU DALI	Aluminium	26	3600	138	4000	>80	Yes	DALI	<16
2023614	Optix Recessed 600x600 3L 4000K WHT DALI	White	24	3450	144	4000	>80	Yes	DALI	<19
2023612	Optix Recessed 600x600 3L 4000K ALU SSC	Aluminium	27	3600	133	4000	>80	Yes	SylSmart Standalone	<16
2023617	Optix Recessed 600x600 3L 4000K WHT SSC	White	25	3450	138	4000	>80	Yes	SylSmart Standalone	<19
2023611	Optix Recessed 600x600 3L 4000K ALU EM	Aluminium	26	3600	138	4000	>80	-	-	<16
2023616	Optix Recessed 600x600 3L 4000K WHT EM	White	24	3450	144	4000	>80	-	-	<19
2023610	Optix Recessed 600x600 3L 4000K ALU DALI EM	Aluminium	26	3600	138	4000	>80	Yes	DALI	<16
2023615	Optix Recessed 600x600 3L 4000K WHT DALI EM	White	24	3450	144	4000	>80	Yes	DALI	<19
4000K - CRI90										
2023579	Optix Recessed 600x600 2L 4000K C9 ALU	Aluminium	30	3550	118	4000	>90	-	-	<16
2023582	Optix Recessed 600x600 2L 4000K C9 WHT	White	28	3500	125	4000	>90	-	-	<19
2023580	Optix Recessed 600x600 2L 4000K C9 ALU DALI	Aluminium	30	3550	118	4000	>90	Yes	DALI	<16
2023583	Optix Recessed 600x600 2L 4000K C9 WHT DALI	White	28	3500	125	4000	>90	Yes	DALI	<19
2023581	Optix Recessed 600x600 2L 4000K C9 ALU EM	Aluminium	30	3550	118	4000	>90	-	-	<16
2023584	Optix Recessed 600x600 2L 4000K C9 WHT EM	White	28	3500	125	4000	>90	-	-	<19
Tunable White - CRI80										
2023636	Optix Recessed 600x600 3L TW ALU DALI	Aluminium	30	3400	113	3000-6000	>80	Yes	DALI DT8	<16
2023638	Optix Recessed 600x600 3L TW WHT DALI	White	30	3600	120	3000-6000	>80	Yes	DALI DT8	<19
2023637	Optix Recessed 600x600 3L TW ALU SSC01	Aluminium	31	3400	110	3000-6000	>80	Yes	SylSmart Standalone	<16
2023639	Optix Recessed 600x600 3L TW WHT SSC01	White	31	3600	116	3000-6000	>80	Yes	SylSmart Standalone	<19
4000K - CRI98 (LUMI)										
2023842	Optix Recessed 600x600 3L LUMI 4K ALU	Aluminium	37	3750	102	4000	>98	-	-	<16
2023843	Optix Recessed 600x600 3L LUMI 4K ALU DALI	Aluminium	37	3750	102	4000	>98	Yes	DALI	<16
2023844	Optix Recessed 600x600 3L LUMI 4K ALU SSC	Aluminium	38	3750	99	4000	>98	Yes	SylSmart Standalone	<16
2023865	Optix Recessed 600x600 3L LUMI 4K ALU SSA02	Aluminium	38	3750	99	4000	>98	Yes	SylSmart Connected	<16
Tunable White - CRI96 (LUMI HCL)										
2023845	Optix Recessed 600x600 3L LUMI HCL TW ALU DALI	Aluminium	37	3500	95	2800-6200	>96	Yes	DALI DT8	<16
2023846	Optix Recessed 600x600 3L LUMI HCL TW ALU SSC	Aluminium	38	3500	92	2800-6200	>96	Yes	SylSmart Standalone	<16

Concord Optix Recessed 600



Code	Description	Optic Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature (K)	CRI	Dimmable	Control Technology	UGR
Optix 600 x 600mm module - High Output										
3000K - CRI80										
2023618	Optix Recessed 600x600 3L HO 3000K ALU	Aluminium	36	4,450	124	3,000	>80	-	-	<16
2023620	Optix Recessed 600x600 3L HO 3000K WHT	White	34	4,600	135	3,000	>80	-	-	<19
2023619	Optix Recessed 600x600 3L HO 3000K ALU DALI	Aluminium	36	4,450	124	3,000	>80	Yes	DALI	<16
2023621	Optix Recessed 600x600 3L HO 3000K WHT DALI	White	34	4,600	135	3,000	>80	Yes	DALI	<19
4000K - CRI80										
2023622	Optix Recessed 600x600 3L HO 4000K ALU	Aluminium	33	4,500	136	4,000	>80	-	-	<16
2023627	Optix Recessed 600x600 3L HO 4000K WHT	White	31	4,550	147	4,000	>80	-	-	<19
2023623	Optix Recessed 600x600 3L HO 4000K ALU DALI	Aluminium	33	4,500	136	4,000	>80	Yes	DALI	<16
2023628	Optix Recessed 600x600 3L HO 4000K WHT DALI	White	31	4,550	147	4,000	>80	Yes	DALI	<19
2023626	Optix Recessed 600x600 3L HO 4000K ALU SSA02	Aluminium	34	4,500	132	4,000	>80	Yes	SylSmart Connected	<16
2023631	Optix Recessed 600x600 3L HO 4000K WHT SSA02	White	32	4,550	142	4,000	>80	Yes	SylSmart Connected	<19
2023625	Optix Recessed 600x600 3L HO 4000K ALU EM	Aluminium	33	4,500	136	4,000	>80	-	-	<16
2023630	Optix Recessed 600x600 3L HO 4000K WHT EM	White	31	4,550	147	4,000	>80	-	-	<19
2023624	Optix Recessed 600x600 3L HO 4000K ALU DALI EM	Aluminium	33	4,500	136	4,000	>80	Yes	DALI	<16
2023629	Optix Recessed 600x600 3L HO 4000K WHT DALI EM	White	31	4,550	147	4,000	>80	Yes	DALI	<19
4000K - CRI98 (LUMI)										
2023876	Optix Recessed 600x600 4L LUMI 4K ALU	Aluminium	43	4,500	105	4,000	>98	-	-	<16
2023877	Optix Recessed 600x600 4L LUMI 4K ALU DALI	Aluminium	44	4,500	102	4,000	>98	Yes	DALI	<16
2023878	Optix Recessed 600x600 4L LUMI 4K ALU SSC	Aluminium	44	4,500	102	4,000	>98	Yes	SylSmart Standalone	<16
2023881	Optix Recessed 600x600 4L LUMI 4K ALU SSA02	Aluminium	43	4,500	105	4,000	>98	Yes	SylSmart Connected	<16
Tunable White - CRI96 (LUMI HCL)										
2023879	Optix Recessed 600x600 4L LUMI HCL TW ALU DALI	Aluminium	45	4,350	97	2,800-6,200	>96	Yes	DALI DT8	<16
2023880	Optix Recessed 600x600 4L LUMI HCL TW ALU SSC	Aluminium	46	4,350	95	2,800-6,200	>96	Yes	SylSmart Standalone	<16

Accessories - Recessed	
Code	Description
2021710	OPTIX R PULL UP KIT
2021711	OPTIX R SURFACE MOUNT KIT 600
0047416	PLASTERBOARD CEILING FRAME 600



2021710



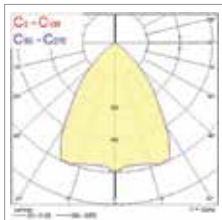
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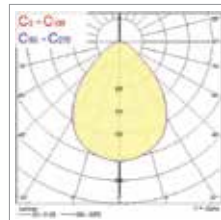
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Photometric Data

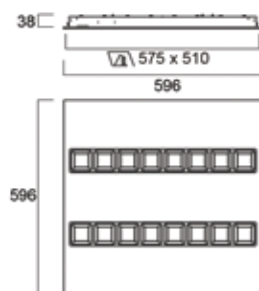
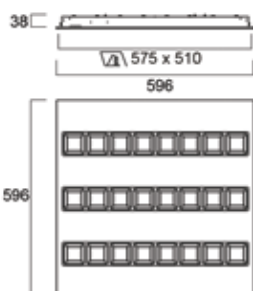
Optix R 600 HO 4K ALU



Optix R 600 3L HO 4K WHT



Dimensions (mm)



Concord Optix Recessed 625

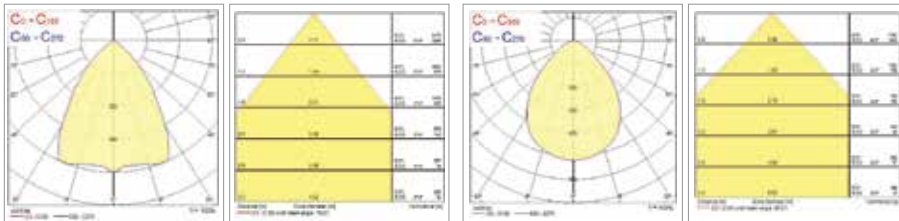


Code	Description	Optic Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature (K)	CRI	Dimmable	Control Technology	UGR
Optix 625x625mm module - Medium Output										
4000K - CRI80										
2023640	Optix Recessed 625x625 3L 4000K ALU	Aluminium	26	3,600	138	4,000	>80	-	-	<16
2023645	Optix Recessed 625x625 3L 4000K WHT	White	24	3,450	144	4,000	>80	-	-	<19
2023641	Optix Recessed 625x625 3L 4000K ALU DALI	Aluminium	26	3,600	138	4,000	>80	Yes	DALI	<16
2023646	Optix Recessed 625x625 3L 4000K WHT DALI	White	24	3,450	144	4,000	>80	Yes	DALI	<19
2023644	Optix Recessed 625x625 3L 4000K ALU SSC	Aluminium	27	3,600	133	4,000	>80	Yes	SylSmart Standalone	<16
2023649	Optix Recessed 625x625 3L 4000K WHT SSC	White	25	3,450	138	4,000	>80	Yes	SylSmart Standalone	<19
2023643	Optix Recessed 625x625 3L 4000K ALU SSA02	Aluminium	27	3,600	133	4,000	>80	Yes	SylSmart Connected	<16
2023648	Optix Recessed 625x625 3L 4000K WHT SSA02	White	25	3,450	138	4,000	>80	Yes	SylSmart Connected	<19
2023642	Optix Recessed 625x625 3L 4000K ALU EMCB	Aluminium	26	3,600	138	4,000	>80	-	-	<16
2023647	Optix Recessed 625x625 3L 4000K WHT EMCB	White	24	3,450	144	4,000	>80	-	-	<19
Tunable White - CRI80										
2023650	Optix Recessed 625x625 3L TW ALU DALI	Aluminium	30	3,400	113	3,000-6,000	>80	Yes	DALI DT8	<16
2023652	Optix Recessed 625x625 3L TW WHT DALI	White	30	3,600	120	3,000-6,000	>80	Yes	DALI DT8	<19
2023651	Optix Recessed 625x625 3L TW ALU SSC01	Aluminium	31	3,400	110	3,000-6,000	>80	Yes	SylSmart Standalone	<16
2023653	Optix Recessed 625x625 3L TW WHT SSC01	White	31	3,600	116	3,000-6,000	>80	Yes	SylSmart Standalone	<19
4000K - CRI98 (LUMI)										
2023870	Optix Recessed 625x625 3L LUMI 4K ALU	Aluminium	37	3,750	102	4,000	>98	-	-	<16
2023871	Optix Recessed 625x625 3L LUMI 4K ALU DALI	Aluminium	37	3,750	102	4,000	>98	Yes	DALI	<16
2023872	Optix Recessed 625x625 3L LUMI 4K ALU SSC	Aluminium	38	3,750	99	4,000	>98	Yes	SylSmart Standalone	<16
2023875	Optix Recessed 625x625 3L LUMI 4K ALU SSA02	Aluminium	38	3,750	99	4,000	>98	Yes	SylSmart Connected	<16
Tunable White - CRI96 (LUMI HCL)										
2023873	Optix Recessed 625x625 3L LUMI HCL TW ALU DALI	Aluminium	37	3,500	95	2,800-6,200	>96	Yes	DALI DT8	<16
2023874	Optix Recessed 625x625 3L LUMI HCL TW ALU SSC	Aluminium	38	3,500	92	2,800-6,200	>96	Yes	SylSmart Standalone	<16
Optix 625x625mm module - High Output										
4000K - CRI98 (LUMI)										
2023882	Optix Recessed 625x625 4L LUMI 4K ALU	Aluminium	43	4,500	105	4,000	>98	-	-	<16
2023883	Optix Recessed 625x625 4L LUMI 4K ALU DALI	Aluminium	44	4,500	102	4,000	>98	Yes	DALI	<16
2023884	Optix Recessed 625x625 4L LUMI 4K ALU SSC	Aluminium	44	4,500	102	4,000	>98	Yes	SylSmart Standalone	<16
2023887	Optix Recessed 625x625 4L LUMI 4K ALU SSA02	Aluminium	43	4,500	105	4,000	>98	Yes	SylSmart Connected	<16
Tunable White - CRI96 (LUMI HCL)										
2023885	Optix Recessed 625x625 4L LUMI HCL TW ALU DALI	Aluminium	45	4,350	97	2,800-6,200	>96	Yes	DALI DT8	<16
2023886	Optix Recessed 625x625 4L LUMI HCL TW ALU SSC	Aluminium	46	4,350	95	2,800-6,200	>96	Yes	SylSmart Standalone	<16

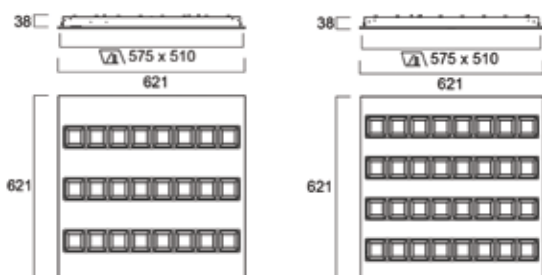
Photometric Data

OPTIX R 625 3L 4K ALU

OPTIX R 625 3L 4K WHT



Dimensions (mm)



Concord Optix Recessed 1200

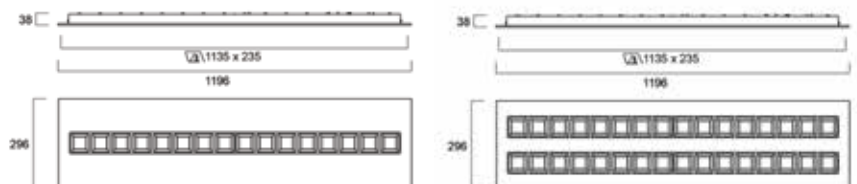


Code	Description	Optic Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature (K)	CRI	Dimmable	Control Technology	UGR
Optix 1200 x 300mm module - Medium Output										
3000K - CRI80										
2023654	Optix Recessed 1200x300 1L 3000K ALU	Aluminium	26	3200	123	3000	>80	-	-	<16
2023655	Optix Recessed 1200x300 1L 3000K ALU DALI	Aluminium	26	3200	123	3000	>80	Yes	DALI	<16
2023660	Optix Recessed 1200x300 2L 3000K ALU	Aluminium	26	3250	125	3000	>80	-	-	<16
2023662	Optix Recessed 1200x300 2L 3000K WHT	White	26	3550	137	3000	>80	-	-	<19
2023661	Optix Recessed 1200x300 2L 3000K ALU DALI	Aluminium	26	3250	125	3000	>80	Yes	DALI	<16
2023663	Optix Recessed 1200x300 2L 3000K WHT DALI	White	26	3550	137	3000	>80	Yes	DALI	<19
4000K - CRI80										
2023656	Optix Recessed 1200x300 1L 4000K ALU	Aluminium	27	3400	126	4000	>80	-	-	<16
2023657	Optix Recessed 1200x300 1L 4000K ALU DALI	Aluminium	27	3400	126	4000	>80	Yes	DALI	<16
2023659	Optix Recessed 1200x300 1L 4000K ALU EM	Aluminium	27	3400	126	4000	>80	-	-	<16
2023658	Optix Recessed 1200x300 1L 4000K ALU DALI EM	Aluminium	27	3400	126	4000	>80	Yes	DALI	<16
2023664	Optix Recessed 1200x300 2L 4000K ALU	Aluminium	26	3600	138	4000	>80	-	-	<16
2023676	Optix Recessed 1200x300 2L 4000K WHT	White	24	3450	144	4000	>80	-	-	<19
2023665	Optix Recessed 1200x300 2L 4000K ALU DALI	Aluminium	26	3600	138	4000	>80	Yes	DALI	<16
2023677	Optix Recessed 1200x300 2L 4000K WHT DALI	White	24	3450	144	4000	>80	Yes	DALI	<19
2023669	Optix Recessed 1200x300 2L 4000K ALU SSC	Aluminium	27	3600	133	4000	>80	Yes	SylSmart Standalone	<16
2023681	Optix Recessed 1200x300 2L 4000K WHT SSC	White	25	3450	138	4000	>80	Yes	SylSmart Standalone	<19
2023668	Optix Recessed 1200x300 2L 4000K ALU SSA02	Aluminium	27	3600	133	4000	>80	Yes	SylSmart Connected	<16
2023680	Optix Recessed 1200x300 2L 4000K WHT SSA02	White	25	3500	140	4000	>80	Yes	SylSmart Connected	<19
2023667	Optix Recessed 1200x300 2L 4000K ALU EM	Aluminium	26	3600	138	4000	>80	-	-	<16
2023679	Optix Recessed 1200x300 2L 4000K WHT EM	White	24	3450	144	4000	>80	-	-	<19
2023666	Optix Recessed 1200x300 2L 4000K ALU DALI EM	Aluminium	26	3600	138	4000	>80	Yes	DALI	<16
2023678	Optix Recessed 1200x300 2L 4000K WHT DALI EM	White	24	3450	144	4000	>80	Yes	DALI	<19
4000K - CRI90										
2023670	Optix Recessed 1200x300 2L 4000K C9 ALU	Aluminium	28	3500	125	4000	>90	-	-	<16
2023673	Optix Recessed 1200x300 2L 4000K C9 WHT	White	25	3500	140	4000	>90	-	-	<19
2023671	Optix Recessed 1200x300 2L 4000K C9 ALU DALI	Aluminium	28	3500	125	4000	>90	Yes	DALI	<16
2023674	Optix Recessed 1200x300 2L 4000K C9 WHT DALI	White	25	3500	140	4000	>90	Yes	DALI	<19
2023672	Optix Recessed 1200x300 2L 4000K C9 ALU EM	Aluminium	28	3500	125	4000	>90	-	-	<16
2023675	Optix Recessed 1200x300 2L 4000K C9 WHT EM	White	25	3500	140	4000	>90	-	-	<19
Tunable White - CRI80										
2023682	Optix Recessed 1200x300 2L TW ALU DALI	Aluminium	30	3200	107	3000-6000	>80	Yes	DALI DT8	<16
2023684	Optix Recessed 1200x300 2L TW WHT DALI	White	30	3600	120	3000-6000	>80	Yes	DALI DT8	<19
2023683	Optix Recessed 1200x300 2L TW ALU SSC01	Aluminium	31	3200	103	3000-6000	>80	Yes	SylSmart Standalone	<16
2023685	Optix Recessed 1200x300 2L TW WHT SSC01	White	31	3600	116	3000-6000	>80	Yes	SylSmart Standalone	<19
4000K - CRI98 (LUMI)										
2023837	Optix Recessed 1200x300 2L LUMI 4K ALU	Aluminium	36	3810	106	4000	>98	-	-	<16
2023838	Optix Recessed 1200x300 2L LUMI 4K ALU DALI	Aluminium	36	3810	106	4000	>98	Yes	DALI	<16
2023839	Optix Recessed 1200x300 2L LUMI 4K ALU SSC	Aluminium	37	3810	103	4000	>98	Yes	SylSmart Standalone	<16
2023864	Optix Recessed 1200x300 2L LUMI 4K ALU SSA02	Aluminium	37	3810	103	4000	>98	Yes	SylSmart Connected	<16
Tunable White - CRI95 (LUMI HCL)										
2023840	Optix Recessed 1200x300 2L LUMI HCL TW ALU DALI	Aluminium	36	3500	97	2800-6200	>95	Yes	DALI DT8	<16
2023841	Optix Recessed 1200x300 2L LUMI HCL TW ALU SSC	Aluminium	37	3500	95	2800-6200	>95	Yes	SylSmart Standalone	<16

Accessories

Code	Description
2021710	OPTIX R PULL UP KIT
0047418	PLASTERBOARD CEILING FRAME 1200

Dimensions (mm)



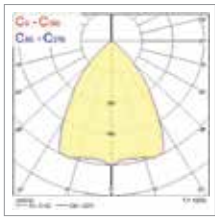
Concord Optix Recessed 1250



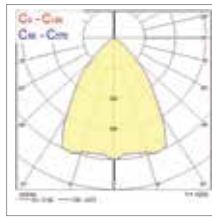
Code	Description	Optic Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature (K)	CRI	Dimmable	Control Technology	UGR
Optix Recessed 1250x310mm - Medium Output										
4000K - CRI80										
2023686	Optix Recessed 1250x310 2L 4000K ALU	Aluminium	26	3600	138	4000	>80	-	-	<16
2023691	Optix Recessed 1250x310 2L 4000K WHT	White	24	3450	144	4000	>80	-	-	<19
2023687	Optix Recessed 1250x310 2L 4000K ALU DALI	Aluminium	26	3600	138	4000	>80	Yes	DALI	<16
2023692	Optix Recessed 1250x310 2L 4000K WHT DALI	White	24	3450	144	4000	>80	Yes	DALI	<19
2023690	Optix Recessed 1250x310 2L 4000K ALU SSC	Aluminium	27	3600	133	4000	>80	Yes	SylSmart Standalone	<16
2023695	Optix Recessed 1250x310 2L 4000K WHT SSC	White	25	3450	138	4000	>80	Yes	SylSmart Standalone	<19
2023689	Optix Recessed 1250x310 2L 4000K ALU SSA02	Aluminium	27	3600	133	4000	>80	Yes	SylSmart Connected	<16
2023694	Optix Recessed 1250x310 2L 4000K WHT SSA02	White	25	3500	140	4000	>80	Yes	SylSmart Connected	<19
2023688	Optix Recessed 1250x310 2L 4000K ALU EMCB	Aluminium	26	3600	138	4000	>80	-	-	<16
2023693	Optix Recessed 1250x310 2L 4000K WHT EMCB	White	24	3450	144	4000	>80	-	-	<19
Tunable White - CRI80										
2023696	Optix Recessed 1250X310 2L TW ALU DALI	Aluminium	30	3200	107	3000-6000	>80	Yes	DALI DT8	<16
2023698	Optix Recessed 1250X310 2L TW WHT DALI	White	30	3600	120	3000-6000	>80	Yes	DALI DT8	<19
2023697	Optix Recessed 1250X310 2L TW ALU SSC01	Aluminium	31	3200	103	3000-6000	>80	Yes	SylSmart Standalone	<16
2023699	Optix Recessed 1250X310 2L TW WHT SSC01	White	31	3600	116	3000-6000	>80	Yes	SylSmart Standalone	<19

Photometric Data

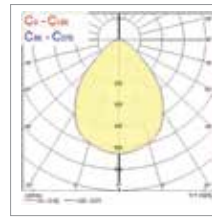
OPTIX R 1200 1L 4K ALU



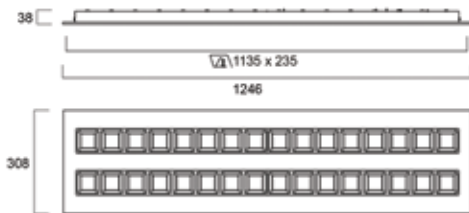
OPTIX R 1200 2L 4K ALU



OPTIX R 1200 2L 4K WHT



Dimensions (mm)



Concord Optix 4 Cells



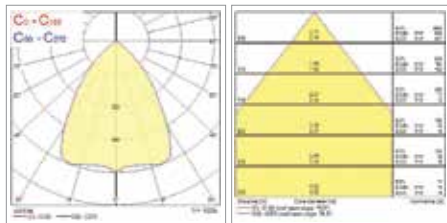
Features

- Using Optix modular optical unit
- Available in two finishes, aluminised (UGR<18) or white (UGR<22)
- Up to 1100lm output (on 4000K white version)
- Efficacy up-to 122 lm/W (4000K white optic)
- Low LED flicker <5%
- LED Colour consistency between luminaires <3 SDCM
- Colour Rendering Index (CRI) >80 (3000K, 4000K)
- Colour: White (RAL9016) as standard, other colours available on request
- DALI (Switch-dim) dimmable option
- Lifespan: 42,000hrs L90B10, 96,000hrs L80B20, 120,000hrs L70B50

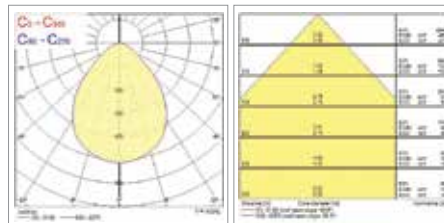
Code	Description	Optic Finish	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temperature (K)	CRI	Dimmable	Control Technology	UGR
Optix Recessed 310x100mm										
3000K - CRI80										
2021690	Optix Recessed 4 CELLS 3000K WHT	White	9	1059	118	3000	>80	-	-	<22
2021688	Optix Recessed 4 CELLS 3000K ALU	Aluminium	9	962	107	3000	>80	-	-	<18
2021691	Optix Recessed 4 CELLS 3000K WHT DALI	White	9	1059	118	3000	>80	Yes	DALI	<22
2021689	Optix Recessed 4 CELLS 3000K ALU DALI	Aluminium	9	962	107	3000	>80	Yes	DALI	<18
4000K - CRI80										
2021694	Optix Recessed 4 CELLS 4000K WHT	White	9	1098	122	4000	>80	-	-	<22
2021692	Optix Recessed 4 CELLS 4000K ALU	Aluminium	9	1010	112	4000	>80	-	-	<18
2021695	Optix Recessed 4 CELLS 4000K WHT DALI	White	9	1098	122	4000	>80	Yes	DALI	<22
2021693	Optix Recessed 4 CELLS 4000K ALU DALI	Aluminium	9	1010	112	4000	>80	Yes	DALI	<18

Photometric Data

OPTIX R 4 CELLS 4K AL CC



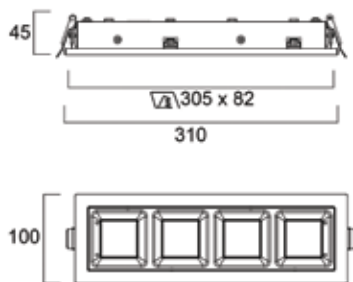
OPTIX R 4 CELLS 4K WH CC



Additional Images



Dimensions (mm)



Concord Optix Recessed Asymmetric



Features

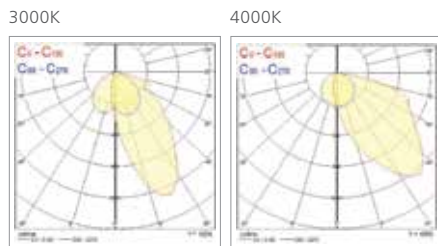
- Efficacy up-to 116 lm/W
- Lifespan:
 - 58,000hrs L90B10
 - 100,000hrs L80B20
 - 100,000hrs L70B50
- Low LED flicker <5%
- Colour Rendering Index (Ra)>80
- LED Colour consistency between luminaires <3 SDCM
- Available in 3000K, 4000K
- DALI (Switch-dim) dimmable and SylSmart Standalone control option

Code	Description	Fixture Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	Colour Temp (K)	CRI	Dimmable	Control Technology
Concord Optix Recessed Asymmetric - 1200mm								
3000K - CRI80								
2021682	Optix R 1200 ASYMMETRIC 3000K	30	3380	113	3000	>80	-	-
2021683	Optix R 1200 ASYMMETRIC 3000K DALI	30	3380	113	3000	>80	Yes	DALI
2021684	Optix R 1200 ASYMMETRIC 3000K SSC	31	3380	109	3000	>80	Yes	SylSmart Standalone
4000K - CRI80								
2021685	Optix R 1200 ASYMMETRIC 4000K	30	3480	116	4000	>80	-	-
2021686	Optix R 1200 ASYMMETRIC 4000K DALI	30	3480	116	4000	>80	Yes	DALI
2021687	Optix R 1200 ASYMMETRIC 4000K SSC	31	3480	112	4000	>80	Yes	SylSmart Standalone

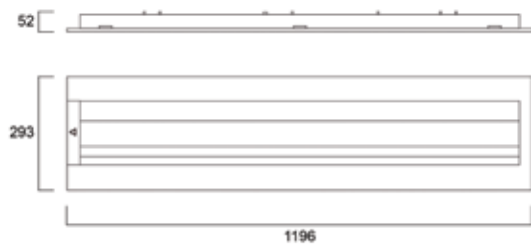
Additional Images



Photometric Data



Dimensions (mm)



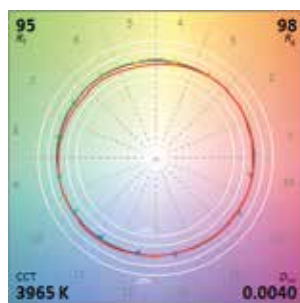
Concord Optix Recessed LUMI Melanopic & TM-30 data



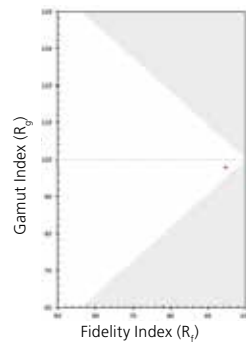
Code	Description	Control Technology	Colour Temperature (K)	Melanopic Ratio / MEER	Melanopic Ratio / MDER	Fidelity Index R _f	Gamut Index R _g	Fidelity Index (Skin)	CRI	UGR
LUMI (4000K)										
2023832	Optix Recessed 600 2L LUMI 4K ALU	Switch	4000K	0.77	0.70	94	98	94	98	<16
2023833	Optix Recessed 600 2L LUMI 4K ALU DALI	DALI	4000K	0.77	0.70	94	98	94	98	<16
2023863	Optix Recessed 600 2L LUMI 4K ALU SSA02	Sylsmart Connected	4000K	0.77	0.70	94	98	94	98	<16
2023834	Optix Recessed 600 2L LUMI 4K ALU SSC	Sylsmart Standalone	4000K	0.77	0.70	94	98	94	98	<16
2023842	Optix Recessed 600 3L LUMI 4K ALU	Switch	4000K	0.78	0.71	94	98	94	98	<16
2023843	Optix Recessed 600 3L LUMI 4K ALU DALI	DALI	4000K	0.78	0.71	94	98	94	98	<16
2023865	Optix Recessed 600 3L LUMI 4K ALU SSA02	Sylsmart Connected	4000K	0.78	0.71	94	98	94	98	<16
2023844	Optix Recessed 600 3L LUMI 4K ALU SSC	Sylsmart Standalone	4000K	0.78	0.71	94	98	94	98	<16
2023837	Optix Recessed 1200 2L LUMI 4K ALU	Switch	4000K	0.78	0.71	93	98	93	98	<16
2023838	Optix Recessed 1200 2L LUMI 4K ALU DALI	DALI	4000K	0.78	0.71	93	98	93	98	<16
2023864	Optix Recessed 1200 2L LUMI 4K ALU SSA02	Sylsmart Connected	4000K	0.78	0.71	93	98	93	98	<16
2023839	Optix Recessed 1200 2L LUMI 4K ALU SSC	Sylsmart Standalone	4000K	0.78	0.71	93	98	93	98	<16
LUMI HCL TW (2800-6200K)										
2023835	Optix Recessed 600 2L LUMI HCL TW ALU DALI	DALI DT8	2800K	0.53	0.48	97	103	99	98	<16
			4000K	0.82	0.74	95	101	95	96	<16
			6200K	1.08	0.98	96	99	97	99	<16
2023836	Optix Recessed 600 2L LUMI HCL TW ALU SSC	Sylsmart Standalone	2800K	0.53	0.48	97	103	99	98	<16
			4000K	0.82	0.74	95	101	95	96	<16
			6200K	1.08	0.98	96	99	97	99	<16
2023845	Optix Recessed 600 3L LUMI HCL TW ALU DALI	DALI DT8	2800K	0.53	0.48	97	101	99	98	<16
			4000K	0.82	0.74	95	101	95	96	<16
			6200K	1.08	0.98	96	99	97	99	<16
2023846	Optix Recessed 600 3L LUMI HCL TW ALU SSC	Sylsmart Standalone	2800K	0.53	0.48	97	101	99	98	<16
			4000K	0.82	0.74	95	101	95	96	<16
			6200K	1.08	0.98	96	99	97	99	<16
2023840	Optix Recessed 1200 2L LUMI HCL TW ALU DALI	DALI DT8	2800K	0.52	0.47	97	101	98	98	<16
			4000K	0.82	0.74	94	101	94	95	<16
			6200K	1.07	0.97	95	99	96	98	<16
2023841	Optix Recessed 1200 2L LUMI HCL TW ALU SSC	Sylsmart Standalone	2800K	0.52	0.47	97	101	98	98	<16
			4000K	0.82	0.74	94	101	94	95	<16
			6200K	1.07	0.97	95	99	96	98	<16

TM-30 diagrams (2023832):*

Colour Vector Graphic



R_f-R_g Graphic



The range in possible R_g values increases as R_f decreases. The gray shaded area indicates the approximate region of combinations that are not possible for nominally white light sources.

* Available on request for all LUMI items.



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