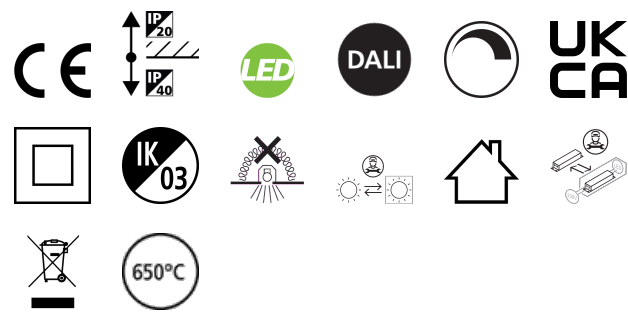


# START Panel UGR19 600x600 DALI 4000Lm 840

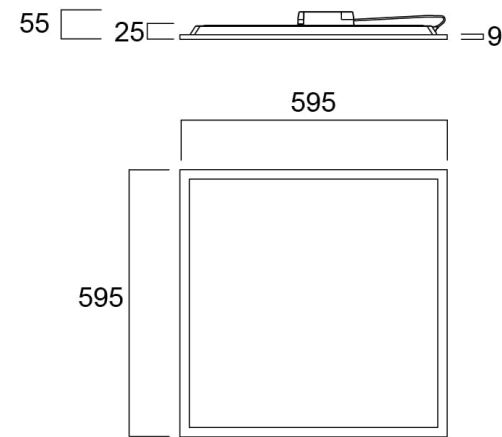
Artikelnummer 0042852



LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Extruded aluminium frame, passive cooling. Low glaring UGR<19. RG0, 90 degree beam angle , optical system: PS diffuser with Prismatic finish. Light color temperature: 4000K Neutral White, total system power: 36W , total fixture output: 4000lm, efficacy: 111 lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, DALI dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 595x595mm, saftey cables included, 25mm nominal height, White color frame, weight: 1,6Kg.

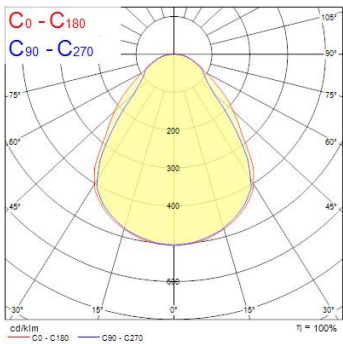
## Technische activa

### Afmetingen (mm)



### Fotometrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam area [ft²]	Beam area [in²]
0.5	0.52	85.2°	0.52	0.27	2.94	45.2
1.0	1.04	85.2°	1.04	1.08	11.76	180.8
1.5	1.56	85.2°	1.56	2.45	26.45	412.1
2.0	2.08	85.2°	2.08	4.32	46.55	729.0
2.5	2.60	85.2°	2.60	6.76	72.84	1123.5
3.0	3.12	85.2°	3.12	9.74	105.64	1638.0
3.5	3.64	85.2°	3.64	13.24	143.04	2205.0
4.0	4.16	85.2°	4.16	17.28	185.04	2868.0
4.5	4.68	85.2°	4.68	21.84	235.04	3612.0
5.0	5.20	85.2°	5.20	26.92	290.04	4440.0
5.5	5.72	85.2°	5.72	32.52	350.04	5352.0
6.0	6.24	85.2°	6.24	38.64	415.04	6348.0
6.5	6.76	85.2°	6.76	45.28	485.04	7428.0
7.0	7.28	85.2°	7.28	52.44	560.04	8592.0
7.5	7.80	85.2°	7.80	60.12	640.04	9840.0
8.0	8.32	85.2°	8.32	69.32	725.04	11172.0
8.5	8.84	85.2°	8.84	79.04	815.04	12588.0
9.0	9.36	85.2°	9.36	89.28	910.04	13988.0
9.5	9.88	85.2°	9.88	100.04	1010.04	15472.0
10.0	10.40	85.2°	10.40	111.32	1115.04	16940.0
10.5	10.92	85.2°	10.92	123.12	1225.04	18384.0
11.0	11.44	85.2°	11.44	135.44	1340.04	19804.0
11.5	11.96	85.2°	11.96	148.28	1460.04	21204.0
12.0	12.48	85.2°	12.48	161.64	1585.04	22584.0
12.5	13.00	85.2°	13.00	175.52	1715.04	23944.0
13.0	13.52	85.2°	13.52	189.92	1850.04	25284.0
13.5	14.04	85.2°	14.04	204.84	1990.04	26604.0
14.0	14.56	85.2°	14.56	220.28	2135.04	27904.0
14.5	15.08	85.2°	15.08	236.24	2285.04	29184.0
15.0	15.60	85.2°	15.60	252.72	2440.04	30444.0
15.5	16.12	85.2°	16.12	269.72	2590.04	31684.0
16.0	16.64	85.2°	16.64	287.24	2745.04	32904.0
16.5	17.16	85.2°	17.16	305.28	2905.04	34094.0
17.0	17.68	85.2°	17.68	323.84	3070.04	35254.0
17.5	18.20	85.2°	18.20	342.92	3240.04	36384.0
18.0	18.72	85.2°	18.72	362.52	3415.04	37484.0
18.5	19.24	85.2°	19.24	382.64	3595.04	38554.0
19.0	19.76	85.2°	19.76	403.28	3780.04	39594.0
19.5	20.28	85.2°	20.28	424.44	3970.04	40604.0
20.0	20.80	85.2°	20.80	446.12	4165.04	41584.0
20.5	21.32	85.2°	21.32	468.32	4365.04	42534.0
21.0	21.84	85.2°	21.84	491.04	4570.04	43454.0
21.5	22.36	85.2°	22.36	514.28	4780.04	44344.0
22.0	22.88	85.2°	22.88	538.04	4995.04	45194.0
22.5	23.40	85.2°	23.40	562.32	5215.04	46014.0
23.0	23.92	85.2°	23.92	587.12	5440.04	46794.0
23.5	24.44	85.2°	24.44	612.44	5670.04	47534.0
24.0	24.96	85.2°	24.96	638.28	5905.04	48234.0
24.5	25.48	85.2°	25.48	664.64	6155.04	48894.0
25.0	26.00	85.2°	26.00	691.52	6410.04	49514.0
25.5	26.52	85.2°	26.52	718.92	6670.04	50094.0
26.0	27.04	85.2°	27.04	746.84	6935.04	50634.0
26.5	27.56	85.2°	27.56	775.28	7205.04	51134.0
27.0	28.08	85.2°	28.08	804.24	7480.04	51594.0
27.5	28.60	85.2°	28.60	833.72	7760.04	52014.0
28.0	29.12	85.2°	29.12	863.72	8045.04	52394.0
28.5	29.64	85.2°	29.64	894.24	8335.04	52734.0
29.0	30.16	85.2°	30.16	925.28	8630.04	53034.0
29.5	30.68	85.2°	30.68	956.84	8930.04	53294.0
30.0	31.20	85.2°	31.20	988.92	9235.04	53514.0
30.5	31.72	85.2°	31.72	1021.52	9545.04	53694.0
31.0	32.24	85.2°	32.24	1054.64	9860.04	53834.0
31.5	32.76	85.2°	32.76	1088.28	10180.04	53934.0
32.0	33.28	85.2°	33.28	1122.44	10505.04	53994.0
32.5	33.80	85.2°	33.80	1157.12	10835.04	54014.0
33.0	34.32	85.2°	34.32	1192.32	11170.04	54004.0
33.5	34.84	85.2°	34.84	1228.04	11510.04	53954.0
34.0	35.36	85.2°	35.36	1264.28	11855.04	53864.0
34.5	35.88	85.2°	35.88	1301.04	12205.04	53734.0
35.0	36.40	85.2°	36.40	1338.32	12560.04	53554.0
35.5	36.92	85.2°	36.92	1376.12	12920.04	53334.0
36.0	37.44	85.2°	37.44	1414.44	13285.04	53064.0
36.5	37.96	85.2°	37.96	1453.28	13655.04	52754.0
37.0	38.48	85.2°	38.48	1492.64	14030.04	52394.0
37.5	39.00	85.2°	39.00	1532.52	14410.04	51984.0
38.0	39.52	85.2°	39.52	1572.92	14795.04	51524.0
38.5	40.04	85.2°	40.04	1613.84	15185.04	51014.0
39.0	40.56	85.2°	40.56	1655.28	15580.04	50454.0
39.5	41.08	85.2°	41.08	1697.24	15980.04	49844.0
40.0	41.60	85.2°	41.60	1739.72	16385.04	49184.0
40.5	42.12	85.2°	42.12	1782.72	16795.04	48474.0
41.0	42.64	85.2°	42.64	1826.24	17210.04	47714.0
41.5	43.16	85.2°	43.16	1870.28	17630.04	46904.0
42.0	43.68	85.2°	43.68	1914.84	18055.04	46044.0
42.5	44.20	85.2°	44.20	1959.92	18485.04	45134.0
43.0	44.72	85.2°	44.72	2005.52	18920.04	44174.0
43.5	45.24	85.2°	45.24	2051.64	19360.04	43164.0
44.0	45.76	85.2°	45.76	2098.28	19805.04	42104.0
44.5	46.28	85.2°	46.28	2145.44	20255.04	41004.0
45.0	46.80	85.2°	46.80	2193.12	20710.04	39854.0
45.5	47.32	85.2°	47.32	2241.32	21170.04	38654.0
46.0	47.84	85.2°	47.84	2290.04	21635.04	37404.0
46.5	48.36	85.2°	48.36	2339.28	22105.04	36104.0
47.0	48.88	85.2°	48.88	2389.04	22580.04	34754.0
47.5	49.40	85.2°	49.40	2439.32	23060.04	33354.0
48.0	49.92	85.2°	49.92	2490.12	23545.04	31904.0
48.5	50.44	85.2°	50.44	2541.44	24035.04	30404.0
49.0	50.96	85.2°	50.96	2593.28	24530.04	28854.0
49.5	51.48	85.2°	51.48	2645.64	25030.04	27254.0
50.0	52.00	85.2°	52.00	2698.52	25535.04	25604.0
50.5	52.52	85.2°	52.52	2751.92	26045.04	23904.0
51.0	53.04	85.2°	53.04	2805.84	26560.04	22154.0
51.5	53.56	85.2°	53.56	2860.28	27080.04	20354.0
52.0	54.08	85.2°	54.08	2915.24	27605.04	18504.0
52.5	54.60	85.2°	54.60	2970.72	28135.04	16604.0
53.0	55.12	85.2°	55.12	3026.72	28670.04	14654.0
53.5	55.64	85.2°	55.64	3083.24	29210.04	12654.0
54.0	56.16	85.2°	56.16	3140.28	29755.04	10604.0
54.5	56.68	85.2°	56.68	3197.84	30305.04	8504.0
55.0	57.20	85.2°	57.20	3255.92	30860.04	6354.0
55.5	57.72	85.2°	57.72	3314.52	31420.04	4154.0
56.0	58.24	85.2°	58.24	3373.64	31985.04	1994.0
56.5	58.76	85.2°	58.76	3433.28	32555.04	134.0
57.0	59.28	85.2°	59.28	3493.44	33130.04	



START Panel UGR19 600x600 DALI  
4000Lm 840

Artikelnummer 0042852

SYLVANIA

General data

Productnaam	START Panel UGR19 600x600 DALI 4000Lm 840
Technologie	LED (3 SDCM)
Lampvoet	N/A
Behuizing	Aluminium, Staal
Montage	Plafondinbouw
Algemene toepassing	Onderwijs, Kantoor
Omgevingstemperatuur (°C)	-10°C...+45°C
Werkings temperatuur (°)	25
ETIM klasse	EC002892
E-nummer FI	4278465
Garantie	5 jaar

Optical data

Lumenstroom armatuur (lm)	4000
Efficiëntie armatuur lm/W	111
Kleurtemperatuur (K)	4000
Lichtkleur	Neutraalwit
CRI (Ra)	80
Initiële kleurvariatie (SDCM)	SDCM3
Bundel breedte (°)	90
Type licht distributie	Symmetric
Luminantiecontrole	< 19
Photobiological Risk Group	RG0

Electrical data

Totaal energieverbruik (W)	36
Primaire voedingsspanning min	220
Primaire voedingsspanning max	240
Lamp arbeidsfactor	0.9
THD (bij 230 V, 50 Hz, volledige belasting, bij 100% dimniveau) ≤ xx.x %	20.0
Elektrische beschermingsklasse	Klasse II
Type ballast	LED constante stroom driver
Dimbaar	Yes
Dimtechnologie	DALI
Stuurstroom driver (mA)	680
Energie-efficiëntieklasse (A->G) van de lichtbron in dit product	D
Nominale frequentie (Hz)	50/60Hz
Flickerratio (%)	Ultra laag (5% of minder)
Max. Armaturen per 10A C automaat	51
Max. Armaturen per 13A C automaat	66
Max. Armaturen per 16A C automaat	81
Max. Armaturen per 20A C automaat	102
Max. Armaturen per 10A B automaat	33
Max. Armaturen per 13A B automaat	43
Max. Armaturen per 16A B automaat	54
Max. Armaturen per 20A B automaat	68
Aansluitbare geleider doorsnede max	1.5

Lifetime data

Gemiddelde nominale levensduur - L70 B50	100000
Gemiddelde nominale levensduur - L80 B20	71000

# START Panel UGR19 600x600 DALI 4000Lm 840

Artikelnummer 0042852



## Physical data

Kleur behuizing	RAL 9003 - Signal white
IP waarde	IP40/20
IK waarde	IK03
Afwerking diffusor	Diffuus
Materiaal diffusor	Overige
Lengte (mm)	595
Breedte (mm)	595
Hoogte (mm)	25
Gewicht (kg)	1.934

## Packaging

EAN code	5410288428529
Enkele lengte verpakking (cm)	60.0
Enkele breedte verpakking (cm)	3.8
Hoogte eenheidsverpakking (cm)	68.8
DUN14 (inner)	15410288428526
Eenheden per omdoos	1
Lengte omdoos (cm)	60.0
Breedte omdoos (cm)	3.8
Diepte omdoos (cm)	68.8

## Safety data

Gloeidraad test (°)	650
Optimale bedrijfsomstandigheden (°C)	-10-45