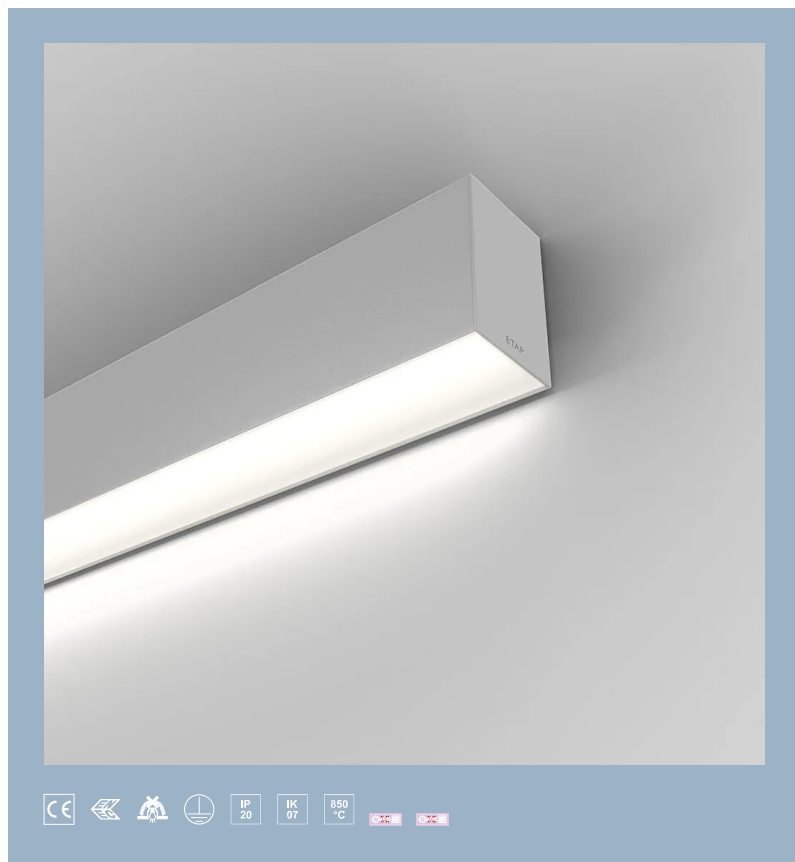


V3WDJ0M/W8L0D0X2



surface-mounted luminaire for wall mounting • linear

Application : Education ? Classrooms, Offices ? Reception, Offices ? Desk, Offices ? Meeting room, Offices ? Corridor

light source : LED • 3000 K

UGR classification : <=25

luminous flux: 3600 lm

luminous efficacy : 117 lm/W

LLMF: 98% @ 50khrs (Tq=25°C)

Product information

Mechanical properties

dimensions : 2243 mm x 60 mm x 90 mm

colour: RAL9006 - aluminium grey

type : individual luminaire

IP: IP20

IK: IK07

Electrical properties

driver: DALI dimmable

power : 30.7 W

voltage : 220-240V

frequency : 50-60Hz AC

photobiological safety : EN 62471: RISK GROUP 1
UNLIMITED

Luminance

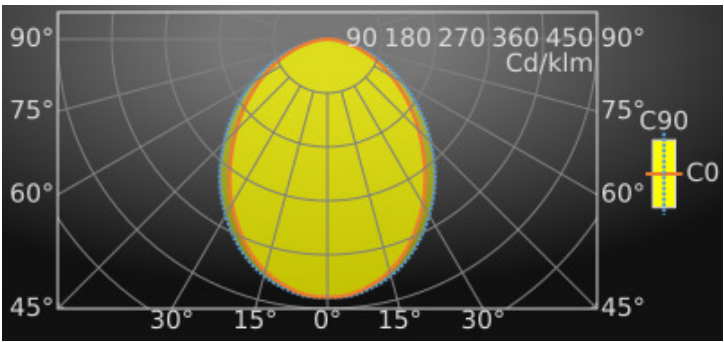
luminous flux : 3600 lm

luminous efficacy : 117 lm/W

UGR classification =: <=25

luminous area : 0.13 m²

Average Luminances (Cd/m²) for 3600lm					
Gamma	C0	C30	C45	C60	C90
45°	8423	8696	8963	9241	9564
50°	7890	8157	8410	8725	9081
55°	7350	7594	7873	8179	8549
60°	6811	7037	7323	7627	8007
65°	6255	6491	6757	7065	7426
70°	5656	5875	6114	6421	6785
75°	4979	5143	5355	5649	6038
80°	4124	4282	4446	4693	5081
85°	2975	3146	3346	3606	4033



Classifications

CIE: 530 / 829 / 967 / 1000 / 1000

CIE FLUXCODE : 0.53 / 0.83 / 0.97 / 1.00 / 1.00

BZ: BZ4/1.25/BZ3/1.5/BZ4

CAE: Symmetrical

DIN: A40 (Nach Arbeitsblatt 7)

DIN_U: Phi u = 1.00

DIN_SU: Phi su = 0.59

UTE: 1.00 D + 0.00 T



Lifetime Data (Tq=25.0°C)

Time(khrs)	LLMF(%)	Cx(%)
10	99	2
20	99	4
30	99	6
40	98	8
50	98	9
60	98	11

Luminous intensities in cd

Intensity for 3600lm

Gamma	C0	C45	C90
0°	1549.8	1549.8	1549.8
5°	1541.7	1545.1	1550.2
10°	1501.9	1508.9	1518.8
15°	1443.3	1455.0	1473.5
20°	1362.3	1382.1	1406.4
25°	1256.9	1289.5	1321.9
30°	1146.4	1185.1	1222.8
35°	1024.6	1071.8	1119.0
40°	896.0	948.6	1002.3
45°	773.8	823.4	878.6
50°	658.9	702.3	758.4
55°	547.7	586.7	637.1
60°	442.5	475.7	520.1
65°	343.4	371.0	407.7
70°	251.3	271.7	301.5
75°	167.4	180.1	203.0
80°	93.0	100.3	114.6
85°	33.7	37.9	45.7
90°	0.0	0.1	0.5

UGR classification =

Corrected Glare Ratings for a Total Lamp Flux of 3600lm (S = 0.25H)

	Room Reflection Factors (%)									
Ceiling	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor	20	20	20	20	20	20	20	20	20	20
Room Dimensions	Viewed Crosswise					Viewed Endwise				
X = 2H Y = 2H	19.0	20.8	19.3	21.0	21.3	19.8	21.5	20.1	21.8	22.1
Y = 3H	20.2	21.8	20.6	22.1	22.4	21.1	22.7	21.4	23.0	23.3
Y = 4H	20.6	22.1	21.0	22.4	22.8	21.6	23.1	21.9	23.4	23.7
Y = 6H	20.9	22.3	21.3	22.6	23.0	21.9	23.3	22.3	23.6	24.0
Y = 8H	21.0	22.3	21.4	22.7	23.0	22.0	23.3	22.4	23.7	24.0
Y = 12H	21.0	22.3	21.4	22.6	23.0	22.0	23.3	22.4	23.7	24.0
X = 4H Y = 2H	19.6	21.1	20.0	21.4	21.8	20.2	21.7	20.6	22.0	22.4
Y = 3H	21.0	22.3	21.4	22.6	23.0	21.8	23.0	22.1	23.4	23.7
Y = 4H	21.6	22.7	22.0	23.1	23.4	22.4	23.5	22.8	23.9	24.3
Y = 6H	21.9	23.0	22.4	23.4	23.8	22.8	23.8	23.2	24.2	24.6
Y = 8H	22.0	23.0	22.5	23.4	23.8	22.9	23.9	23.4	24.3	24.7
Y = 12H	22.1	23.0	22.6	23.4	23.8	23.0	23.9	23.5	24.3	24.8
X = 8H Y = 4H	21.8	22.8	22.3	23.2	23.6	22.6	23.5	23.0	23.9	24.3
Y = 6H	22.3	23.1	22.8	23.5	24.0	23.1	23.9	23.6	24.3	24.8
Y = 8H	22.5	23.2	23.0	23.6	24.1	23.3	24.0	23.8	24.5	24.9
Y = 12H	22.6	23.2	23.1	23.7	24.2	23.4	24.0	23.9	24.5	25.0
X = 12H Y = 4H	21.8	22.7	22.3	23.1	23.6	22.6	23.4	23.0	23.8	24.3
Y = 6H	22.4	23.1	22.8	23.5	24.0	23.1	23.8	23.6	24.3	24.8
Y = 8H	22.6	23.2	23.1	23.6	24.2	23.4	24.0	23.9	24.4	25.0
	UGR Variations with Observer Position for Luminaire Spacings S									
S = 1.0H	+0.1		-0.2			+0.1		-0.2		
S = 1.5H	+0.3		-0.5			+0.2		-0.4		
S = 2.0H	+0.5		-0.9			+0.5		-0.8		

Colour properties

Correlated Colour Temperature : 3000

Ra: CRI (Ra) 80

Efficiency

Utilisation Factors according to IES (%)										
	Room Reflection Factors (%)									
Ceiling	80	80	80	50	50	50	30	30	30	0
Walls	50	30	10	50	30	10	50	30	10	0
Floor	20	20	20	20	20	20	20	20	20	0
RCR = 1	104	101	99	98	95	94	94	92	91	85
2	91	86	82	86	82	79	83	79	77	72
3	80	74	69	76	71	67	73	69	66	62
4	72	64	59	68	62	58	66	61	57	53
5	65	57	51	61	55	50	59	54	50	47
6	59	51	45	56	49	44	54	48	44	41
7	53	45	40	51	44	39	50	44	39	37
8	49	41	36	47	40	35	46	40	35	33
9	45	38	32	43	37	32	42	36	32	30
10	42	34	30	40	34	29	39	33	29	27

Utilisation Factors according to LiTG (%)										
	Room Reflection Factors (%)									
Ceiling	80	80	80	50	50	50	50	50	30	0
Walls	50	30	50	30	50	30	50	30	30	0
Floor	30	30	10	10	30	30	10	10	10	0
k = 0.60	51	42	48	41	49	41	47	40	40	34
0.80	62	53	58	51	59	51	56	50	49	43
1.00	71	62	66	58	67	59	63	57	56	50
1.25	81	72	74	67	76	69	71	66	65	59
1.50	87	78	79	73	81	75	76	71	70	64
2.00	96	88	85	80	89	83	82	78	77	71
2.50	102	95	90	85	94	89	87	83	82	77
3.00	107	101	94	90	98	94	90	87	86	81
4.00	112	106	97	93	102	98	93	91	89	85
5.00	116	111	99	96	105	102	96	94	92	88

Available accessories

V3H2700 *Wall mounting brackets*

Dimensional drawing



CODE	L
V3WD*0*/*2*	560 mm
V3WD*0*/*3*	843 mm
V3WD*0*/*4*	1123 mm
V3WD*0*/*5*	1403 mm
V3WD*0*/*6*	1683 mm
V3WD*0*/*7*	1963 mm
V3WD*0*/*8*	2243 mm
V3WD*0*/*9*	2523 mm
V3WD*0*/*0*	2803 mm