

US3140/LEDN35D



luminaire à encastrer • linéaire

caisson: tôle d'acier laquée

source lumineuse : LED • 4000 K

optique : Softlight • Protection de lampe pleine • extensive

classification UGR : <=22

flux lumineux: 3700 lm

flux lumineux spécifique : 109 lm/W

LLMF: 97% @ 50khrs (Tq=25°C)

Product information

Caractéristiques mécaniques

dimensions : 1195 mm x 295 mm x 95 mm

dimensions encastrées : 1180 mm x 280 mm

modulation de plafond : M300

couleur: blanc brillanté

type : luminaire individuel

IP: IP20

IK: IK03

Equipement électrique

driver: DALI gradable

puissance : 34 W

tension : 220-240V

fréquence : 50-60Hz AC

sécurité photobiologique : EN 62471: RISK GROUP 0 UNLIMITED

Luminance

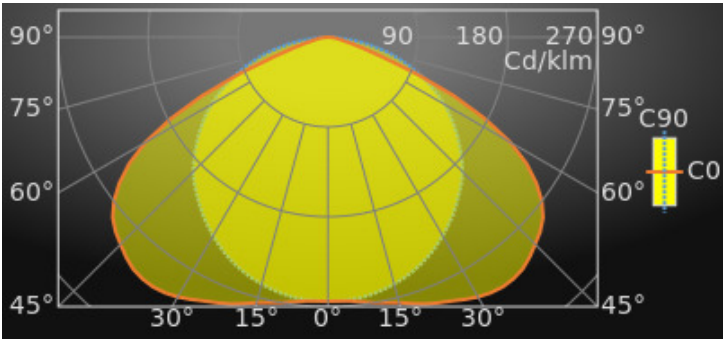
flux lumineux : 3700 lm

flux lumineux spécifique : 109 lm/W

classification UGR =: <=22

surface lumineuse : 0.32 m²

Average Luminances (Cd/m²) for 3700lm					
Gamma	C0	C30	C45	C60	C90
45°	4751	4542	4247	3758	3086
50°	5008	4747	4467	4001	3076
55°	5090	4956	4684	4241	3080
60°	4834	4969	4839	4433	3082
65°	3775	4425	4745	4578	3043
70°	1934	2840	3959	4512	2999
75°	1041	1312	2006	3644	2890
80°	722	793	965	1528	2670
85°	642	648	668	702	2046



Classifications

CIE: 416 / 781 / 969 / 1000 / 1000

CIE FLUXCODE : 0.42 / 0.78 / 0.97 / 1.00 / 1.00

BZ: BZ10/1.25/BZ4/1.5/BZ10/2.5/BZ5

CAE: CAE 1/75°/CAE 2

DIN: A40 (Nach Arbeitsblatt 7)

DIN_U: Phi u = 1.00

DIN_SU: Phi su = 0.52

UTE: 1.00 E + 0.00 T

Lifetime Data (Tq=25.0°C)

Time(khrs)	LLMF(%)	Cx(%)
10	100	2
20	99	4
30	99	6
40	98	8
50	98	10
60	97	12

Intensités lumineuses en cd

Intensity for 3700lm

Gamma	C0	C45	C90
0°	978.9	978.9	978.9
5°	982.4	981.0	977.5
10°	999.4	982.9	966.5
15°	1018.9	983.4	947.8
20°	1052.8	983.3	922.8
25°	1079.9	994.4	890.5
30°	1112.0	994.4	850.5
35°	1130.1	993.6	805.3
40°	1122.0	988.5	756.9
45°	1085.6	970.4	705.0
50°	1040.2	927.7	638.8
55°	943.4	868.1	570.8
60°	780.9	781.7	498.0
65°	515.4	648.0	415.6
70°	213.8	437.5	331.5
75°	87.0	167.7	241.7
80°	40.5	54.2	149.8
85°	18.1	18.8	57.6
90°	0.0	0.0	0.0

classification UGR =

Corrected Glare Ratings for a Total Lamp Flux of 3700lm (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	18.9	20.8	19.2	21.1	21.3	17.2	19.1	17.6	19.4	19.6
Y = 3H	19.6	21.3	19.9	21.6	21.9	19.0	20.7	19.4	21.0	21.3
Y = 4H	19.6	21.2	19.9	21.5	21.8	19.7	21.4	20.1	21.7	22.0
Y = 6H	19.5	21.0	19.9	21.3	21.7	20.2	21.7	20.6	22.1	22.4
Y = 8H	19.5	20.9	19.9	21.3	21.6	20.3	21.8	20.7	22.1	22.5
Y = 12H	19.4	20.8	19.8	21.2	21.5	20.4	21.8	20.8	22.1	22.5
X = 4H Y = 2H	19.6	21.2	19.9	21.5	21.8	18.4	20.0	18.8	20.4	20.7
Y = 3H	20.3	21.7	20.7	22.1	22.4	20.4	21.8	20.8	22.1	22.5
Y = 4H	20.3	21.6	20.8	22.0	22.3	21.2	22.5	21.6	22.8	23.2
Y = 6H	20.3	21.4	20.8	21.8	22.2	21.8	22.9	22.2	23.3	23.7
Y = 8H	20.3	21.3	20.8	21.8	22.2	22.0	23.0	22.4	23.4	23.8
Y = 12H	20.3	21.2	20.8	21.7	22.1	22.0	23.0	22.5	23.4	23.8
X = 8H Y = 4H	20.5	21.5	21.0	22.0	22.4	21.3	22.3	21.8	22.7	23.2
Y = 6H	20.5	21.4	21.0	21.8	22.3	22.0	22.8	22.4	23.3	23.7
Y = 8H	20.5	21.3	21.0	21.7	22.2	22.2	22.9	22.6	23.4	23.8
Y = 12H	20.6	21.2	21.1	21.7	22.2	22.3	22.9	22.8	23.4	23.9
X = 12H Y = 4H	20.5	21.5	21.0	21.9	22.3	21.3	22.2	21.7	22.7	23.1
Y = 6H	20.5	21.3	21.0	21.7	22.2	22.0	22.7	22.4	23.1	23.6
Y = 8H	20.6	21.2	21.1	21.7	22.2	22.2	22.8	22.7	23.3	23.8
	UGR Variations with Observer Position for Luminaire Spacings S									
S = 1.0H	+0.1		-0.1			+0.1		-0.1		
S = 1.5H	+0.6		-0.7			+0.4		-0.5		
S = 2.0H	+1.5		-2.4			+1.0		-1.4		

Colour properties

Correlated Colour Temperature : 4000

Ra: CRI (Ra) 80

Rendement

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	103	100	97	96	94	92	92	90	89	84
2	88	83	78	83	78	75	80	76	73	69
3	76	69	64	72	66	62	69	64	61	57
4	67	59	53	63	57	52	61	55	51	48
5	59	51	45	56	49	44	54	48	43	40
6	53	45	39	50	43	38	49	42	37	35
7	48	39	33	45	38	33	44	37	33	30
8	44	35	29	41	34	29	40	34	29	27
9	40	32	26	38	31	26	37	30	26	24
10	37	29	23	35	28	23	34	28	23	21

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	44	35	42	34	42	34	40	33	32	26
0.80	56	46	52	44	52	44	50	43	42	35
1.00	65	55	60	52	61	53	58	51	50	43
1.25	75	65	69	61	70	62	66	60	59	52
1.50	82	73	75	68	76	69	72	66	65	58
2.00	92	83	82	76	85	78	79	74	72	66
2.50	99	91	87	82	91	85	84	80	78	73
3.00	104	98	91	87	96	91	88	85	83	78
4.00	110	104	95	91	100	96	92	89	87	82
5.00	114	109	98	95	104	100	94	92	90	86

Accessoires

US01H010/1200 *Cadre d'encastrement pour plafonds en plaques de plâtre, de bois,...*

Esquisse

