

US3140/LEDW35S



inbouwarmatuur • langwerpig

behuizing: gelakt plaatstaal

lichtbron : led • 3000 K

optiek : Softlight • Gesloten lampafscherming • breedstralend

UGR classificatie : <=22

lichtstroom: 3550 lm

efficiëntie : 104 lm/W

LLMF: 97% @ 50khrs (Tq=25°C)

Product information

Mechanische eigenschappen

afmetingen : 1195 mm x 295 mm x 95 mm

inbouwmaat : 1180 mm x 280 mm

plafondmodulatie : M300

kleur: hoogglanzend wit

type : individueel armatuur

IP: IP20

IK: IK03

Elektrische uitrusting

driver: niet-dimbaar

opgenomen vermogen : 34 W

spanning : 220-240V

frequentie : 50-60Hz AC

fotobiologische veiligheid : EN 62471: RISK GROUP 0 UNLIMITED

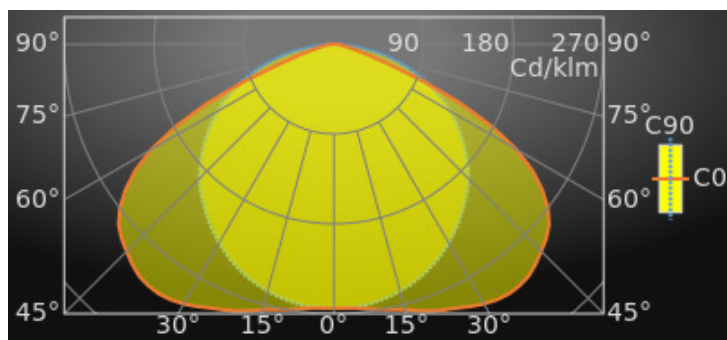
Luminantie

lichtstroom : 3550 lm

efficiëntie : 104 lm/W

UGR classificatie =: <=22

lichtgevende oppervlakte : 0.32 m²



	Average Luminances (Cd/m ²) for 3550lm				
Gamma	C0	C30	C45	C60	C90
45°	4559	4358	4075	3606	2960
50°	4805	4555	4286	3839	2951
55°	4884	4755	4494	4069	2955
60°	4638	4767	4642	4254	2957
65°	3622	4246	4553	4392	2920
70°	1856	2725	3799	4329	2878
75°	999	1259	1924	3497	2773
80°	693	761	926	1467	2562
85°	616	622	641	674	1963

Classificaties

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

Lichtsterkten in cd

Intensity for 3550lm

Gamma	C0	C45	C90
0°	939.2	939.2	939.2
5°	942.5	941.3	937.8
10°	958.9	943.1	927.3
15°	977.6	943.5	909.4
20°	1010.1	943.5	885.4
25°	1036.1	954.1	854.4
30°	1066.9	954.1	816.0
35°	1084.3	953.3	772.7
40°	1076.5	948.4	726.2
45°	1041.6	931.1	676.4
50°	998.1	890.1	612.9
55°	905.2	832.9	547.7
60°	749.3	750.0	477.8
65°	494.6	621.7	398.7
70°	205.1	419.8	318.0
75°	83.5	160.9	231.9
80°	38.9	52.0	143.7
85°	17.3	18.0	55.3
90°	0.0	0.0	0.0

UGR classificatie =

Corrected Glare Ratings for a Total Lamp Flux of 3550lm (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	18.8	20.6	19.1	20.9	21.2	17.1	19.0	17.4	19.2	19.5
Y = 3H	19.4	21.1	19.8	21.4	21.7	18.9	20.6	19.2	20.9	21.2
Y = 4H	19.4	21.0	19.8	21.3	21.7	19.6	21.2	20.0	21.5	21.9
Y = 6H	19.4	20.9	19.7	21.2	21.5	20.1	21.6	20.4	21.9	22.2
Y = 8H	19.3	20.8	19.7	21.1	21.5	20.2	21.6	20.6	22.0	22.3
Y = 12H	19.3	20.7	19.7	21.0	21.4	20.2	21.6	20.6	22.0	22.3
X = 4H Y = 2H	19.4	21.0	19.8	21.4	21.7	18.3	19.9	18.6	20.2	20.5
Y = 3H	20.2	21.6	20.6	21.9	22.3	20.2	21.6	20.6	22.0	22.3
Y = 4H	20.2	21.5	20.6	21.8	22.2	21.1	22.3	21.5	22.7	23.1
Y = 6H	20.2	21.3	20.6	21.7	22.1	21.7	22.8	22.1	23.2	23.6
Y = 8H	20.2	21.2	20.6	21.6	22.0	21.8	22.8	22.3	23.3	23.7
Y = 12H	20.2	21.1	20.6	21.5	22.0	21.9	22.8	22.3	23.2	23.7
X = 8H Y = 4H	20.4	21.4	20.8	21.8	22.2	21.2	22.2	21.6	22.6	23.0
Y = 6H	20.4	21.2	20.9	21.7	22.2	21.8	22.7	22.3	23.1	23.6
Y = 8H	20.4	21.1	20.9	21.6	22.1	22.0	22.8	22.5	23.2	23.7
Y = 12H	20.4	21.0	20.9	21.5	22.0	22.1	22.7	22.6	23.2	23.7
X = 12H Y = 4H	20.4	21.3	20.8	21.7	22.2	21.1	22.1	21.6	22.5	23.0
Y = 6H	20.4	21.1	20.9	21.6	22.1	21.8	22.5	22.3	23.0	23.5
Y = 8H	20.4	21.1	20.9	21.5	22.1	22.0	22.6	22.5	23.1	23.6
	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		

Kleureigenschappen

Correlated Colour Temperature : 3000

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 *Inbouwkader voor gipsplaten en hotuen plafonds*

Maatschets

