

PRODUCT DATA SHEET

Led Net - Ceiling


DESIGN BY:

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2011

MATERIALS:

Aluminium, methacrylate

DESCRIPTION:

LEDs included.

SELECT

PRODUCT CODE

1594050A

Light emission


IP20

Dimmable
TECHNICAL DATA SHEET
FEATURES

Product name:	Led Net - Ceiling
Article Code:	1594050A
Colour:	Polished white
Material:	Aluminium, methacrylate
Series:	Design
Environment:	Indoor
Area contract:	Hospitality Hotel, Hospitality Restaurant

OPTICS

Emission:	Direct
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DIMENSIONS

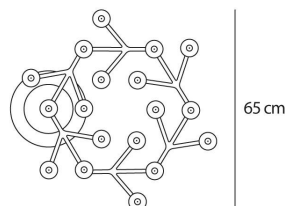
Height:	cm 7
Diameter:	cm 65
Impact Resistance:	N/D
Glow Wire Test:	N/D °

LAMPS INCLUDED

Category:	LED
Number:	1 x 17
Watt:	39W
Luminous Flux (lm):	1895lm
Color temperature (K):	3000K
Class:	A

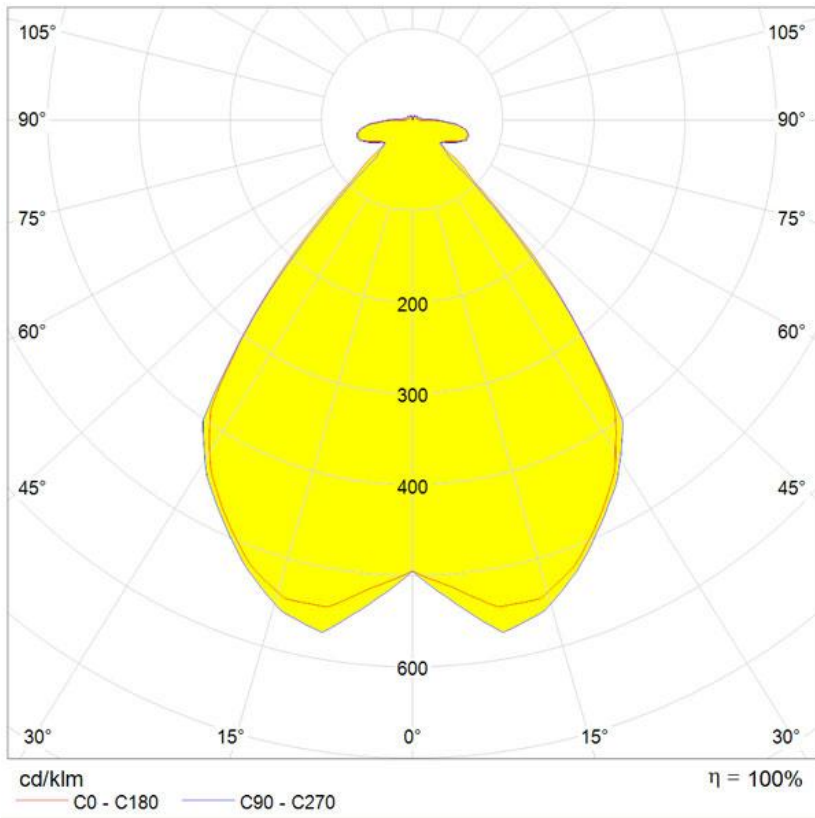
LUMINAIR

Watt:	43W
Voltage:	220-240V
Luminous Flux (lm):	2502lm
CCT:	3000K
Dimmable	

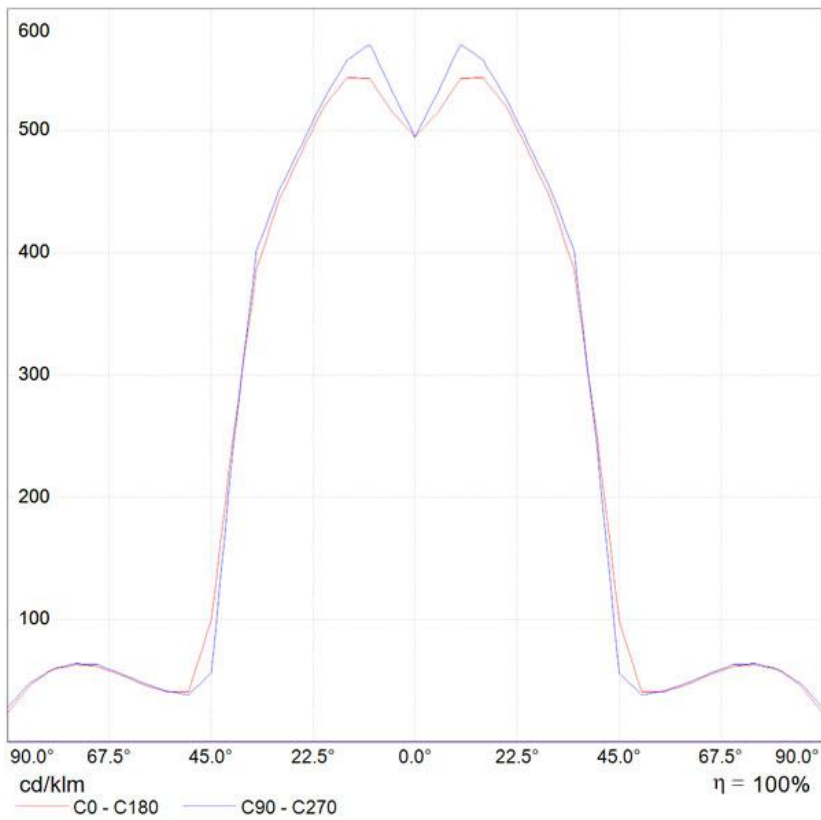
DIMENSIONS

COLOUR

DIAGRAMS

Polar curve



Cartesian diagram



Cone diagram

0.5	0.80 0.82	E(0°) 3691 E(C90) 1013 E(C0) 941
1.0	1.60 1.64	E(0°) 923 E(C90) 253 E(C0) 235
1.5	2.40 2.46	E(0°) 410 E(C90) 113 E(C0) 105
2.0	3.20 3.27	E(0°) 231 E(C90) 63 E(C0) 59
2.5	4.01 4.09	E(0°) 148 E(C90) 41 E(C0) 38
3.0	4.81 4.91	E(0°) 103 E(C90) 28 E(C0) 26

Abstand [m] Kegeldurchmesser [m] Beleuchtungsstärke [lx]

— C0 - C180 (Halbstreuwinkel: 78.6°)

— C90 - C270 (Halbstreuwinkel: 77.4°)

UGR table

Blendungsbewertung nach UGR											
ρ Decke	70	70	50	50	30	70	70	50	50	30	
ρ Wände	50	30	50	30	30	50	30	50	30	30	
ρ Boden	20	20	20	20	20	20	20	20	20	20	
Raumgröße X Y		Blickrichtung quer zur Lampenachse					Blickrichtung längs zur Lampenachse				
2H	2H	8.6	9.5	8.9	9.8	10.1	8.5	9.5	8.9	9.8	10.1
	3H	10.9	11.8	11.2	12.1	12.4	11.0	11.9	11.4	12.2	12.6
	4H	12.5	13.4	12.9	13.7	14.1	12.7	13.6	13.1	13.9	14.3
	6H	14.3	15.1	14.7	15.4	15.8	14.6	15.4	15.0	15.8	16.2
	8H	15.1	15.8	15.5	16.2	16.6	15.5	16.3	15.9	16.7	17.1
4H	12H	15.8	16.6	16.3	17.0	17.4	16.4	17.2	16.9	17.6	18.0
	2H	9.1	10.0	9.5	10.3	10.7	9.1	10.0	9.5	10.3	10.7
	3H	12.0	12.7	12.4	13.1	13.5	12.1	12.9	12.5	13.2	13.7
	4H	13.9	14.5	14.3	14.9	15.4	14.1	14.7	14.5	15.2	15.6
	6H	15.8	16.4	16.3	16.8	17.3	16.1	16.7	16.6	17.2	17.7
8H	8H	16.7	17.3	17.2	17.7	18.2	17.1	17.7	17.6	18.1	18.6
	12H	17.6	18.1	18.1	18.6	19.1	18.1	18.6	18.6	19.1	19.6
	4H	14.6	15.2	15.1	15.7	16.2	14.8	15.4	15.3	15.8	16.3
	6H	16.8	17.2	17.3	17.8	18.3	17.1	17.5	17.6	18.0	18.6
	8H	17.9	18.3	18.4	18.8	19.4	18.2	18.6	18.8	19.2	19.7
12H	12H	18.9	19.2	19.5	19.8	20.4	19.4	19.8	20.0	20.3	20.9
	4H	14.8	15.3	15.4	15.8	16.3	15.0	15.5	15.5	16.0	16.5
	6H	17.1	17.5	17.6	18.0	18.6	17.3	17.7	17.9	18.3	18.8
	8H	18.2	18.6	18.8	19.1	19.7	18.6	18.9	19.1	19.5	20.1
Variation der Beobachterposition für Leuchtenabstände S											
S = 1.0H	+0.2 / -0.2					+0.2 / -0.2					
S = 1.5H	+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H	+0.6 / -0.5					+0.5 / -0.5					
Standardtabelle	BK12					BK12					
Korrektursummand	1.9					2.2					
Korrigierte Blendindizes bezogen auf 1865lm Gesamtlichtstrom											