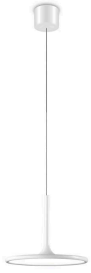


## NET Pendant

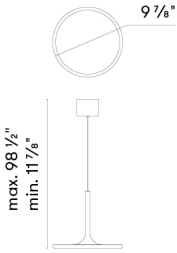
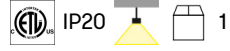
Designer: GROK Team

00-3685-BW-M1U v0



**Finish**  
White  
Opal  
NA

**Material**  
Aluminium  
Plastic



### TECHNICAL CHARACTERISTICS

#### Light source

Light source: LED REFOND  
Output (W): 15W  
Color temperature: LED warm-white  
3000K  
CRI: 80  
Photobiological risk: RG0  
Qty Leds: 168  
Life Time: 50.000h L80B20  
Bin / Grup: 30K

#### GEAR

Brand: HEP  
Gear included: Yes, electronic  
Voltage / Frequency: 90-304 VAC

#### Luminaire

Warranty: 5 Years

#### Logistics

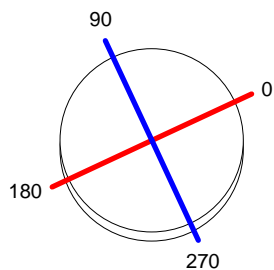
Energy Efficiency: LED A++  
EAN Code: 8435381437381  
Net Weight (Lb): 2.56  
Weight in Kg (packaged): 1.700  
Packing: 315 x 315 x 260  
Masterbox: 1

The photograph may not match the reference exactly. Please read the product description to identify the finish.

<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	00-3685-BW-M1	Code	00-3685-BW-M1	Code	00-3685-BW-M1
Name	Colgante NET led 15W dif. opal	Name	Colgante NET led 15W dif. opal	Number	1
Line	Eulumdat	Date	07-07-2014	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	878.23 lm
Maximum value	306.07 cd	Position	C=0.00 G=0.00	Double Symmetrical	
Round Luminaire	Diam.	250 mm	Height	200 mm	
Round Luminous Area	Diam.	225 mm	Height	0 mm	
Horizontal Luminous Area	0.039761 m2	Emitting area on Plane 180°	0.000000 m2		
Emitting area on Plane 0°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2		
Emitting area on Plane 90°	0.000000 m2	Glare area at 76°	0.009619 m2		
Symmetry Type	Double Symmetrical	Maximum Gamma Angle	90		
Measurement Distance	0.00	Measurement Flux	878.23 lm		
Operator	Asselum T2	Source voltage			
Temperature	25.00 °C	Source current			
Humidity	60.00 %	Photocell			
Notes					

Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
Eulumdat	00-3685-BW-M1	00-3685-BW-M1 - 15.00 W	878.23	15.00	1	
C.I.E.	47 78 95 100 100	D DIN 5040		A30		
F UTE	1.00 E	B NBN		BZ 5		

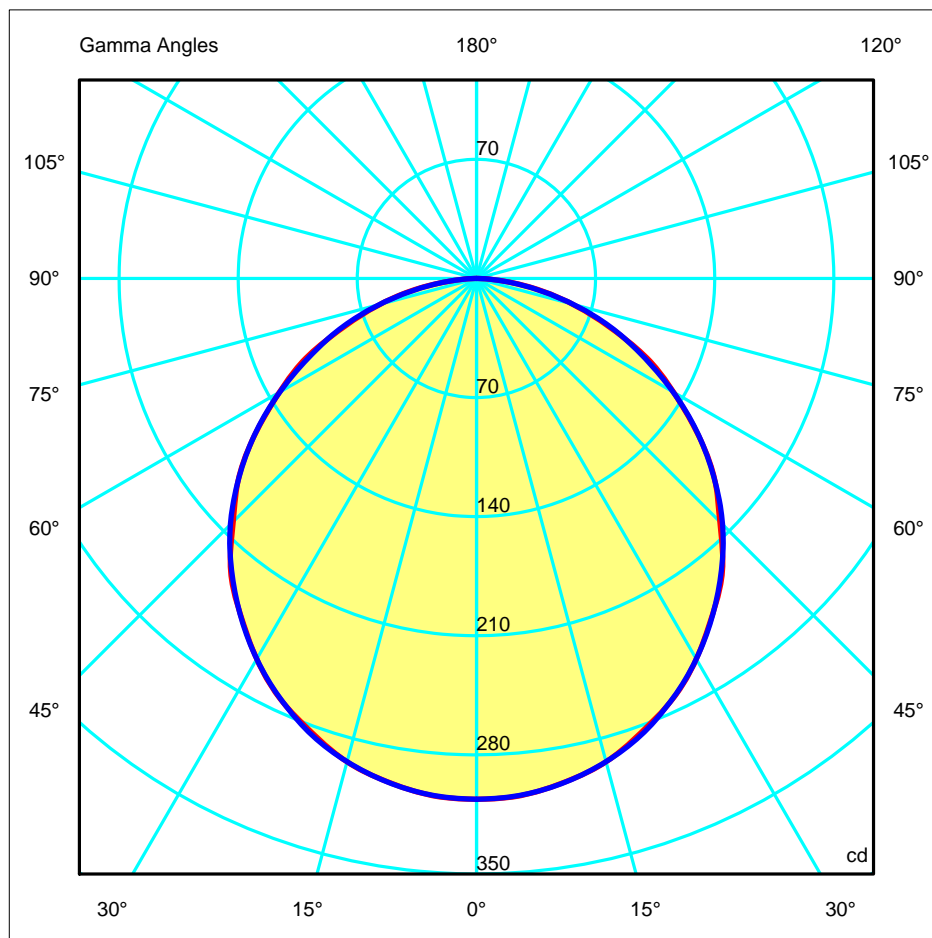
Diam=250mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %

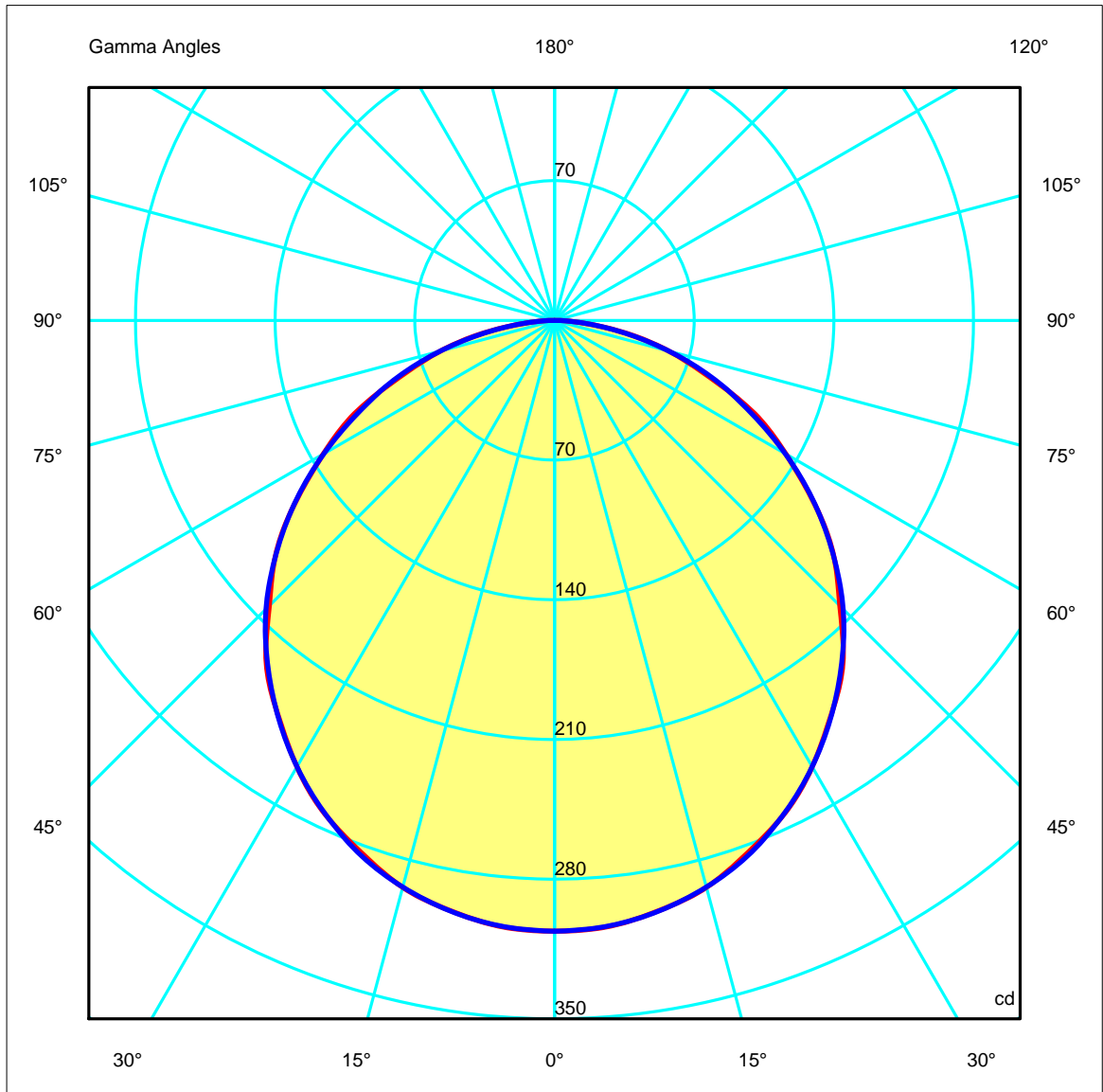
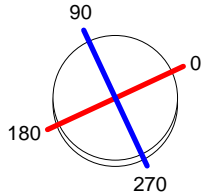


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	00-3685-BW-M1	Code	00-3685-BW-M1	Code	00-3685-BW-M1
Name	Colgante NET led 15W dif. opal	Name	Colgante NET led 15W dif. opal	Number	1
Line	Eulumdat	Date	07-07-2014	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	878.23 lm

Diam=250mm

C Halfplanes

180.0 ——— 0.0  
 270.0 ——— 90.0



**Luminaire**

 Code 00-3685-BW-M1  
 Name Colgante NET led 15W dif. opal  
 Line Eulumdat

**Measur.**

 Code 00-3685-BW-M1  
 Name Colgante NET led 15W dif. opal  
 Date 07-07-2014

**Lamp**

 Code 00-3685-BW-M1  
 Number 1  
 Position

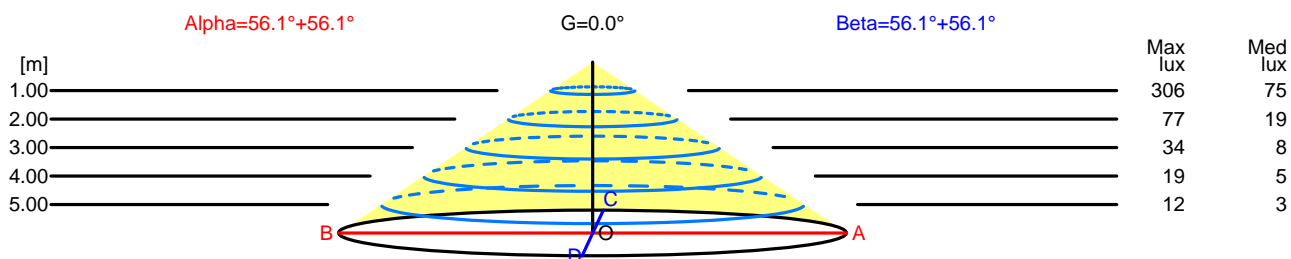
Efficiency	100.00%	Coordinate system	CG	Total Flux	878.23 lm
------------	---------	-------------------	----	------------	-----------

## Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.49	2.97	4.46	5.94	7.43	OC	1.49	2.98	4.47	5.96	7.45
OB	1.49	2.97	4.46	5.94	7.43	OD	1.49	2.98	4.47	5.96	7.45

## Luminous Intensities [ cd ]

	0	5	15	25	35	45	55	65	75	85
OA	306.07	304.95	294.09	272.71	241.55	202.19	158.41	110.66	59.20	14.05
OB	306.07	304.95	294.09	272.71	241.55	202.19	158.41	110.66	59.20	14.05
OC	306.07	304.70	293.93	272.44	241.67	204.51	158.65	107.69	58.87	13.48
OD	306.07	304.70	293.93	272.44	241.67	204.51	158.65	107.69	58.87	13.48



H[m]	D[m]	Max lux	Med lux	Alpha=56.1°+56.1°	G=0.0	
1.00	2.97	306	75			
2.00	5.94	77	19			
3.00	8.91	34	8			
4.00	11.89	19	5			
5.00	14.86	12	3			

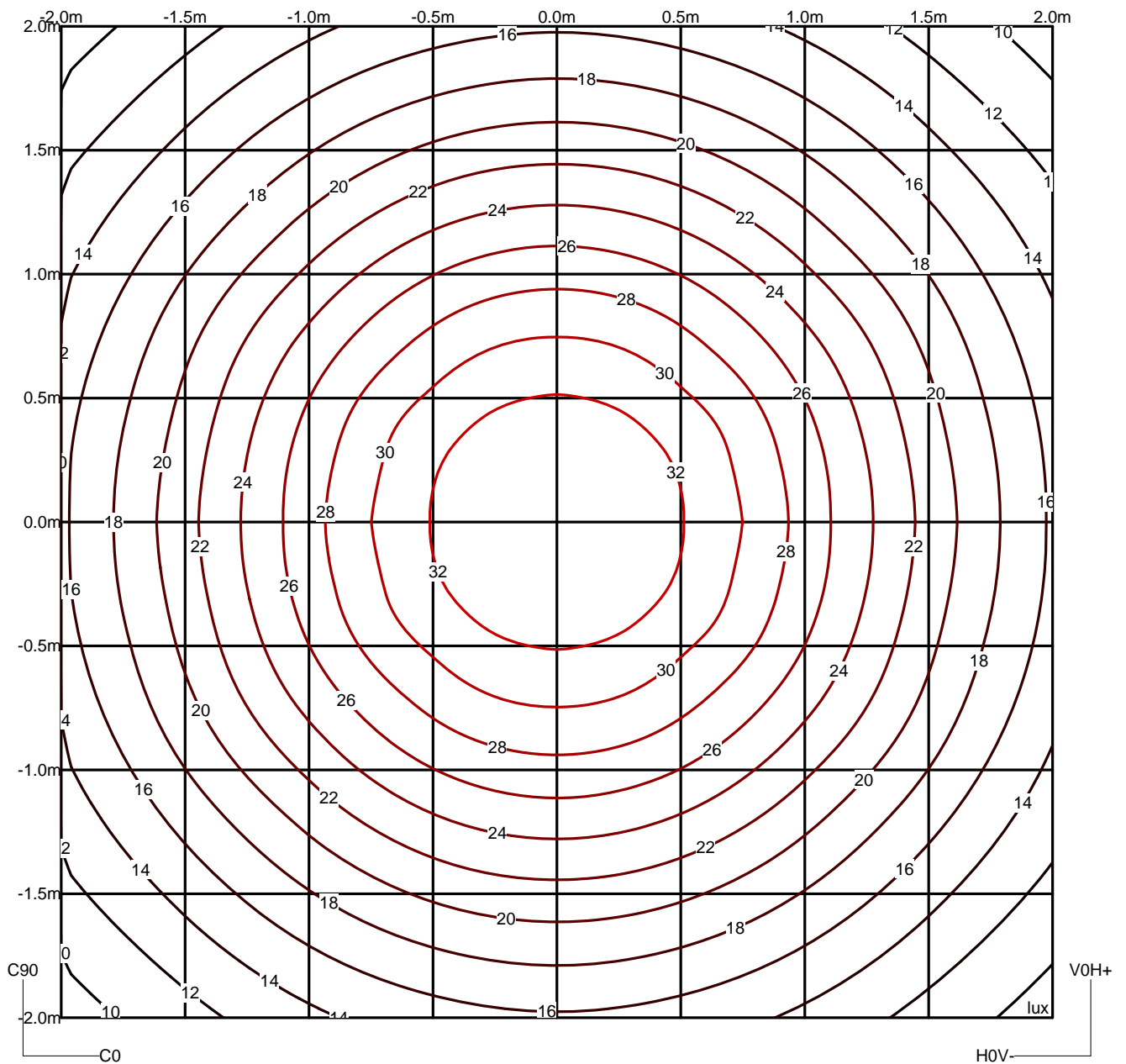
H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0	
1.00	2.98	306	75			
2.00	5.96	77	19			
3.00	8.95	34	8			
4.00	11.93	19	5			
5.00	14.91	12	3			

<b>Luminaire</b>	<b>Measur.</b>	<b>Lamp</b>
Code 00-3685-BW-M1	Code 00-3685-BW-M1	Code 00-3685-BW-M1
Name Colgante NET led 15W dif. opal	Name Colgante NET led 15W dif. opal	Number 1
Line Eulumdat	Date 07-07-2014	Position

Efficiency 100.00%	Coordinate system CG	Total Flux 878.23 lm
--------------------	----------------------	----------------------

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=3.00m



**Luminaire**

Code 00-3685-BW-M1  
 Name Colgante NET led 15W dif. opal  
 Line Eulumdat

**Measur.**

Code 00-3685-BW-M1  
 Name Colgante NET led 15W dif. opal  
 Date 07-07-2014

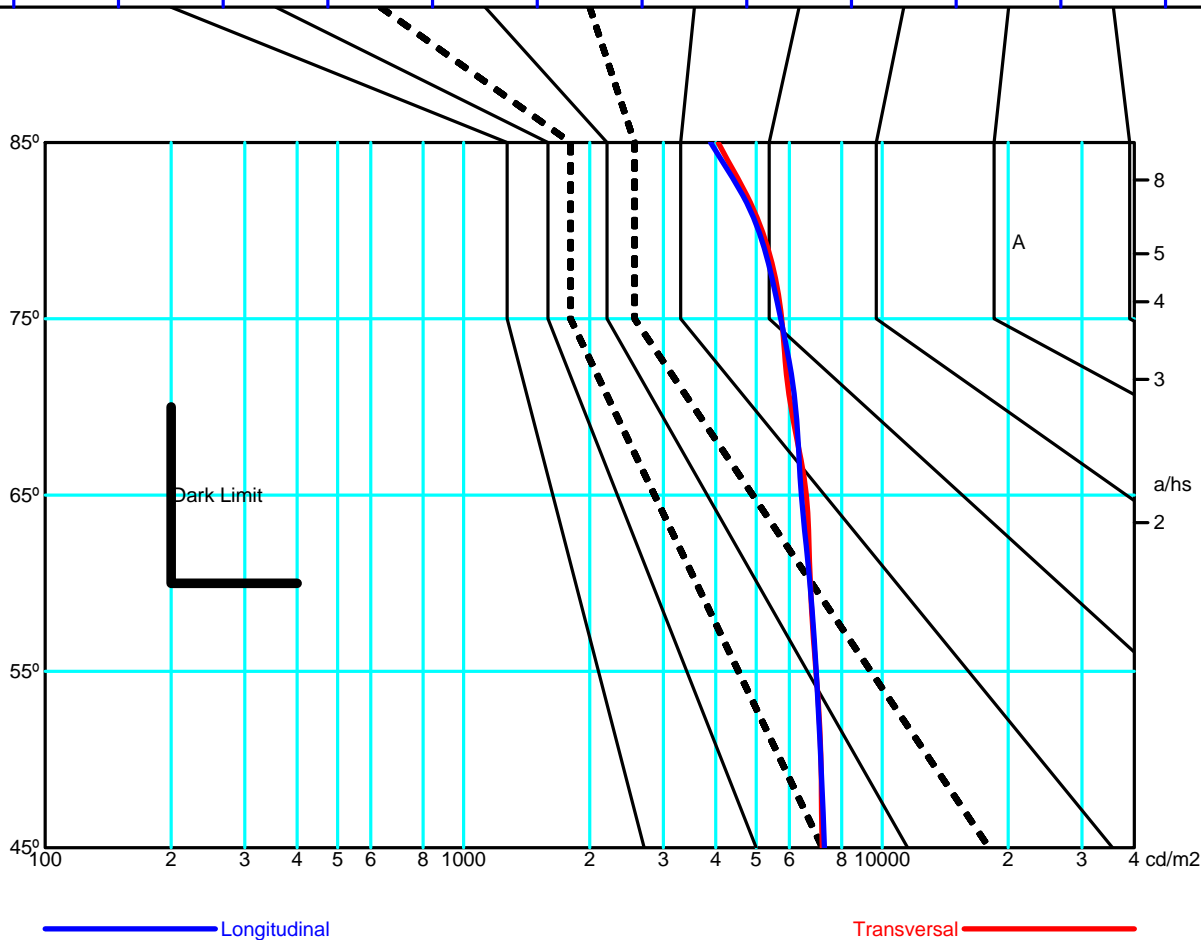
**Lamp**

Code 00-3685-BW-M1  
 Number 1  
 Position

Efficiency 100.00%      Coordinate system CG      Total Flux 878.23 lm

		Average Luminance [cd/m <sup>2</sup> ]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	7191	7138	6946	6728	6586	6047	5752	5163	4054	---	
90.0°	7274	7132	6956	6717	6409	6208	5720	5067	3891	---	

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300				1.15	
B	1		2000	1500	1000	750	500	<300			1.5	
C					2000		1000	500	<300		1.85	
D	2						2000	1000	500	<300	2.2	
E	3							2000	1000	500	<300	2.55



**Luminaire**

Code 00-3685-BW-M1  
 Name Colgante NET led 15W dif. opal  
 Line Eulumdat

**Measur.**

Code 00-3685-BW-M1  
 Name Colgante NET led 15W dif. opal  
 Date 07-07-2014

**Lamp**

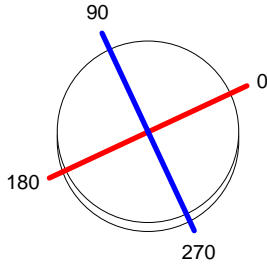
Code 00-3685-BW-M1  
 Number 1  
 Position

Efficiency 100.00%

Coordinate system CG

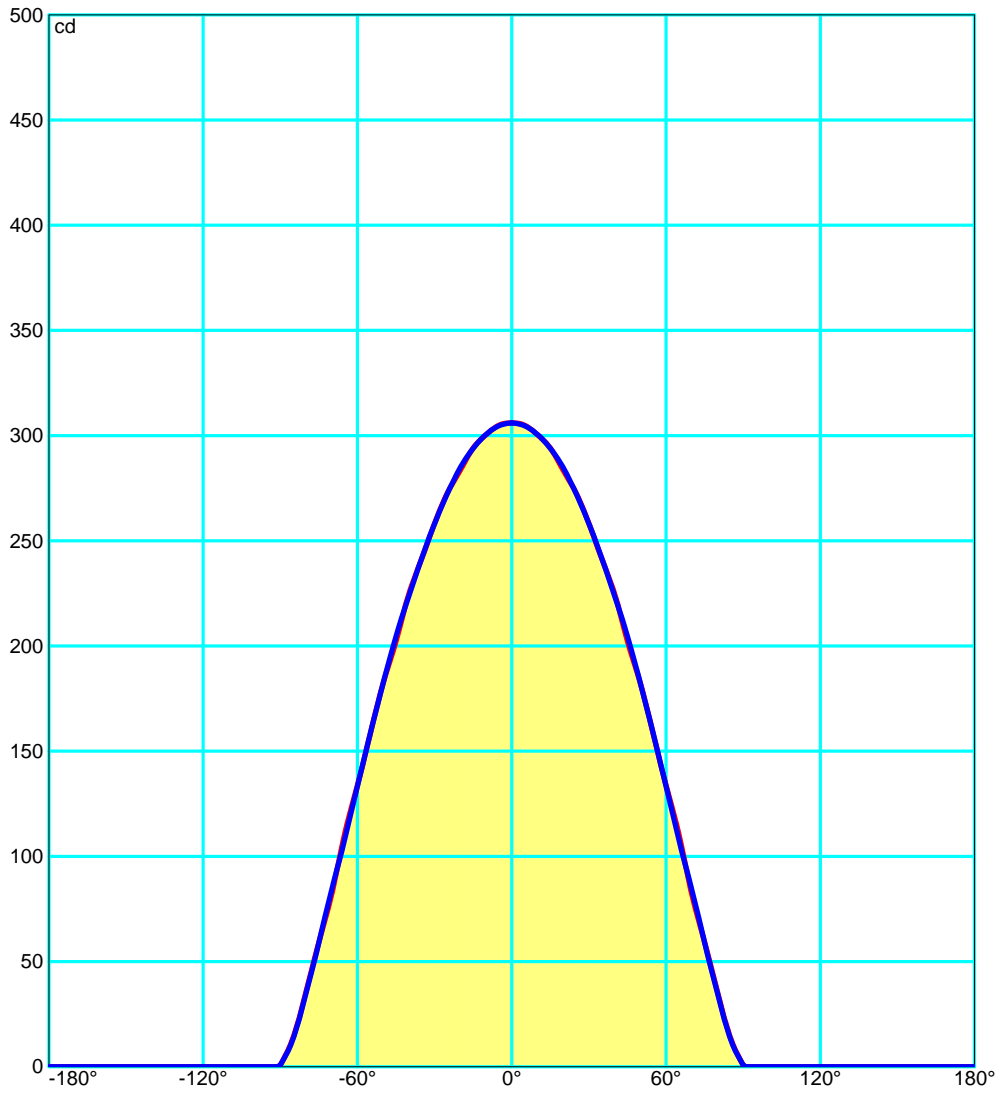
Total Flux 878.23 lm

Diam=250mm



C Halfplanes

180.0 ———— 0.0  
 270.0 ———— 90.0



<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	00-3685-BW-M1	Code	00-3685-BW-M1	Code	00-3685-BW-M1
Name	Colgante NET led 15W dif. opal	Name	Colgante NET led 15W dif. opal	Number	1
Line	Eulumdat	Date	07-07-2014	Position	
Efficiency	100.00%	Coordinate system	CG	Total Flux	878.23 lm

**UGR**  
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	19.2	20.6	19.5	20.8	21.0	19.2	20.5	19.5	20.8	21.0
x=2H y=3H	20.9	22.1	21.2	22.3	22.6	20.8	22.1	21.2	22.3	22.6
x=2H y=4H	21.5	22.6	21.8	22.9	23.2	21.5	22.6	21.8	22.9	23.2
x=2H y=6H	22.0	23.1	22.3	23.3	23.7	22.0	23.1	22.3	23.3	23.7
x=2H y=8H	22.1	23.2	22.5	23.5	23.8	22.1	23.1	22.5	23.5	23.8
x=2H y=12H	22.2	23.2	22.6	23.5	23.8	22.2	23.2	22.6	23.5	23.8
x=4H y=2H	20.0	21.2	20.4	21.4	21.7	20.0	21.1	20.3	21.4	21.7
x=4H y=3H	21.8	22.8	22.2	23.1	23.4	21.8	22.8	22.2	23.1	23.4
x=4H y=4H	22.6	23.5	23.0	23.8	24.2	22.6	23.4	23.0	23.8	24.2
x=4H y=6H	23.2	24.0	23.6	24.3	24.7	23.2	23.9	23.6	24.3	24.7
x=4H y=8H	23.4	24.1	23.8	24.5	24.9	23.4	24.1	23.8	24.5	24.9
x=4H y=12H	23.5	24.2	24.0	24.6	25.0	23.5	24.1	23.9	24.5	25.0
x=8H y=4H	23.0	23.7	23.4	24.1	24.4	22.9	23.6	23.4	24.0	24.4
x=8H y=6H	23.7	24.3	24.2	24.7	25.1	23.7	24.2	24.1	24.7	25.1
x=8H y=8H	24.0	24.5	24.5	25.0	25.4	23.9	24.4	24.4	24.9	25.4
x=8H y=12H	24.2	24.6	24.7	25.1	25.5	24.1	24.5	24.6	25.0	25.5
x=12H y=4H	23.0	23.6	23.5	24.0	24.5	23.0	23.6	23.4	24.0	24.5
x=12H y=6H	23.8	24.3	24.3	24.7	25.2	23.7	24.2	24.2	24.7	25.2
x=12H y=8H	24.1	24.6	24.6	25.0	25.4	24.0	24.5	24.5	24.9	25.4



**Luminaire**

Code 00-3685-BW-M1  
 Name Colgante NET led 15W dif. opal  
 Line Eulumdat

**Measur.**

Code 00-3685-BW-M1  
 Name Colgante NET led 15W dif. opal  
 Date 07-07-2014

**Lamp**

Code 00-3685-BW-M1  
 Number 1  
 Position

Efficiency 100.00%      Coordinate system CG      Total Flux 878.23 lm

Total Flux=878.23 Luminaire Flux=878.23

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.30	0.39	0.46	0.53	0.59	0.68	0.74	0.78	0.83	0.86	0.93	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	4

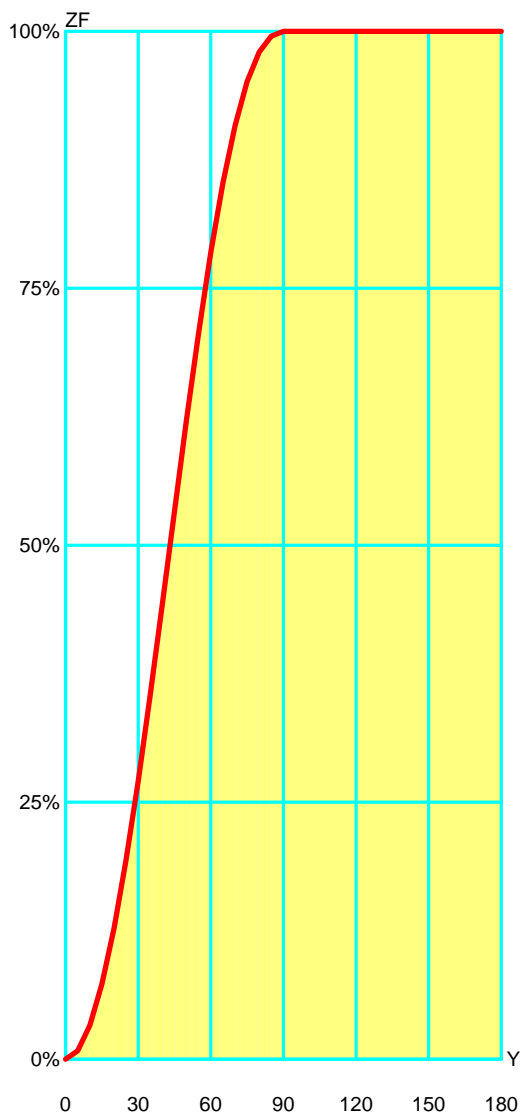
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	33	127	271	443	623	785	908	980	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

47 78 95 100 100

C.I.E.	5/5/5/5/5/5/5/5/5/4	LOR	99.99977 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 E	DLOR	99.99977 %
B NBN	BZ 5	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %

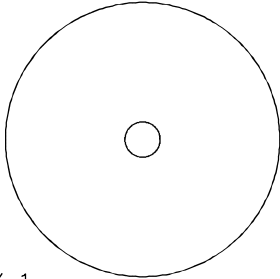


Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	8.31	8.31	0.83 %	0.83 %
10°	24.66	32.97	2.47 %	3.30 %
15°	40.15	73.13	4.02 %	7.31 %
20°	54.28	127.41	5.43 %	12.74 %
25°	66.57	193.99	6.66 %	19.40 %
30°	76.57	270.56	7.66 %	27.06 %
35°	84.02	354.57	8.40 %	35.46 %
40°	88.66	443.23	8.87 %	44.32 %
45°	90.36	533.59	9.04 %	53.36 %
50°	89.08	622.67	8.91 %	62.27 %
55°	84.68	707.35	8.47 %	70.73 %
60°	77.45	784.79	7.74 %	78.48 %
65°	67.68	852.47	6.77 %	85.25 %
70°	55.83	908.31	5.58 %	90.83 %
75°	42.70	951.00	4.27 %	95.10 %
80°	28.87	979.87	2.89 %	97.99 %
85°	15.41	995.28	1.54 %	99.53 %
90°	4.72	1000.00	0.47 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

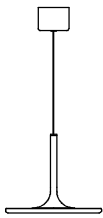
FIGURE N° 1. UNPACK THE FIXTURE: CHECK THE CONTENTS OF THE BOX. YOU SHOULD RECEIVE:

FIGURE N° 1. DÉBALLER LE PLAFONIER: VÉRIFIER LE CONTENU DU CARTON, VOUS DEVEZ RECEVOIR:

(1)A

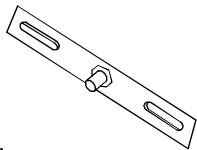


BOX 1



BOX 2

(1)B



BOX 3

(1)C

FIGURE 6

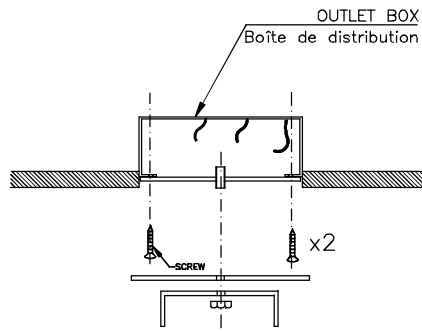
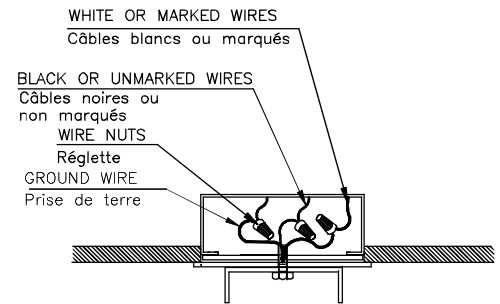
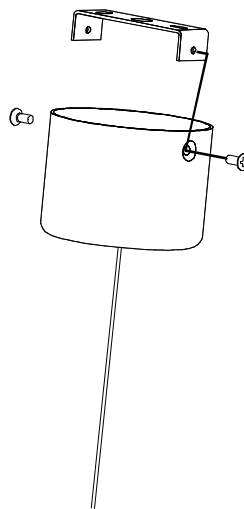


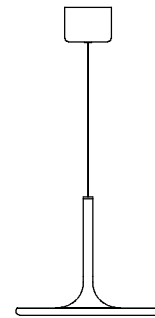
FIGURE 7



8



9



## INSTALLATION INSTRUCTIONS FOR HANGING FIXTURES

## INSTRUCTIONS D'INSTALLATION POUR PLAFONNIERS

FIGURE 3, 4 AND 5 MOUNTING HARDWARE.  
NOTE: TEST THE CONNECTOR BY GENTLY PULLING IT. IF IT PULLS OUT THE CONNECTION, TRY AGAIN TILL YOU HAVE A FIRM CONNECTION. MAKE SURE NO BARE STRANDS OF WIRE STICK OUT FROM UNDER THE CONNECTORS.

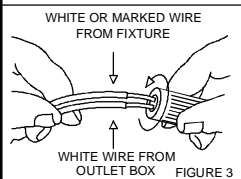


FIGURE 3



FIGURE 4

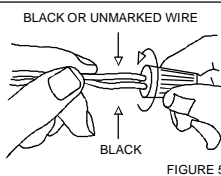


FIGURE 5

FIGURE 3, 4 ET 5 MONTAGE DE L'ÉQUIPE.  
IMPORTANT: ESSAYER DE TIRER LE CÂBLE D'ALIMENTATION DOUCEMENT. S'IL SORT DE LA CONNECTION, IL FAUDRAIT ASSURER QUE LA CONNECTION SOIT FERME. S'ASSURER QUE LES FILS DES CÂBLES NE SONT PAS À DÉCOUVERT DU CONNECTEUR.

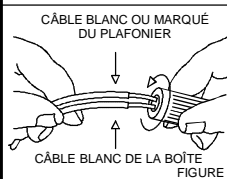


FIGURE 3



FIGURE 4

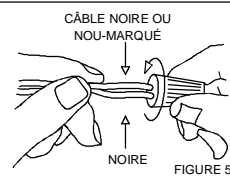


FIGURE 5

### CAUTION:

"Warning", "This product is to be installed by a qualified electrician only."

"Suitable for dry locations only"

### ATTENTION:

"Attention", le raccordement électrique sera effectué par un technicien électricien qualifié"

"Adéquat seulement en lieux secs."

### CAUTION:

- 1.- Wrong lighting installation can be dangerous for your safety.
- 2.- Before starting, disconnect the power by turning off the general switch of the electric installation.
- 3.- Install light bulbs (not provided) that must not exceed markings on the fixture.
- 4.- To change the bulbs, disconnect the power by turning off the general switch and wait for the bulbs cool down.

### INSTALLATION:

- 1.- Make electrical connections, carefully read the Electrical Connection section.
- 2.- Assemble lighting onto the outlet box as shown on fig. 6, & 7.

### ELECTRICAL CONNECTIONS: (See fig. 3,4 y 5)

- 1.- Connect the white wire from the fixture to the white wire of the electric installation.
- 2.- Connect the black wire from the fixture to the black wire of the electric installation.
- 3.- Connect the grounding conductor from the fixture to the grounding wire of the electric installation.
- 4.- Spread out the electrical wires so that the black ones are on one side of the outlet box and the white ones are on the other side, and carefully introduce them into the

### ATTENTION:

1. Une mauvaise installation peut compromettre votre sécurité.
2. Déconnecter la tension du réseau d'alimentation avant de réaliser toute opération.
3. Installer les ampoules (non fournies), ne pas utiliser d'ampoules d'un autre type ou d'une puissance supérieure à celle indiquée sur l'étiquette de la lampe.
4. Pour changer les ampoules, déconnecter la tension du réseau d'alimentation et laisser refroidir les ampoules.

### INSTALLATION:

1. Connecter au réseau, lire attentivement la section de "Raccordements électriques"
2. Installer l'appareil à la boîte de distribution comme indiqué dans les dessins 6 et 7.

### RACCORDEMENTS ÉLECTRIQUES (dessins 3,4 et 5)

1. Connecter le câble blanc de l'appareil au câble blanc de l'installation électrique.
2. Connecter le câble noir de l'appareil au câble noir de l'installation électrique.
3. Connecter le câble conducteur de prise de terre au câble de prise de terre de l'installation électrique.
4. Distribuer les câbles pour que tout le câblage noir soit par dehors et le câblage blanc soit par dedans. Ajuster et immobiliser à la boîte sans coincer aucun câble.