

linea quadrA 260 (2 X 18W) - 24106G.00

Product Short Report



Product code: 24106G.00

Description: Linea quadrA 260 square recessed downlight, galvanized steel body, separate gearbox and connection to mains via double Wieland connector

Application: Hallways, toilets, offices, hospitals, shops, etc

Electrical equipment: Electrical components in a separate gearbox, Philips HF gear (also available in dimmable or Dali touch & dim)

Trim: Steel trim ring in silver or white

Reflector: Anodized aluminum with mirror finish optic

Lampholder: G24 Q-keyless (multi-wattage) BJB

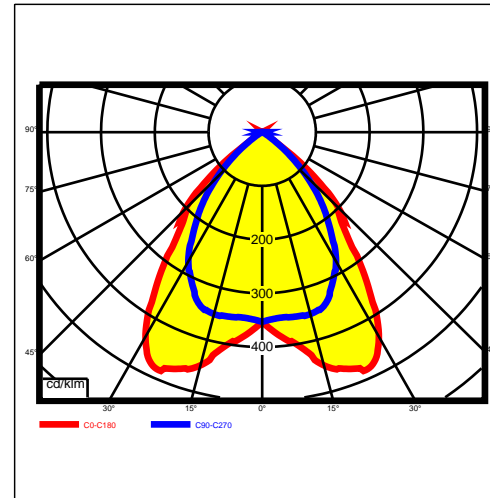
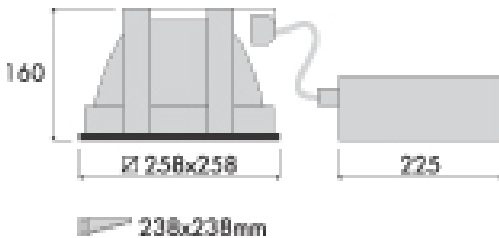
Certifications: CE-mark, F-mark, IP-20, ENEC KEMA

Lamps: Horizontally placed 2 x 18w (TC-DEL or TC-TEL)

Height: 160mm

Diameter 258mm x 258mm

Gearbox 225mm



utilization factors for linea quadrA 260 (2 X 18W)									
r-ceiling	70	80	80	80	80	50	30	30	0
r-walls	30	80	50	30	50	30	30	0	0
r-floor	20	10	10	10	10	10	10	0	0
k	0.6	41	60	46	41	45	41	40	36
	0.8	51	66	55	50	53	49	49	45
	1.0	57	71	60	56	59	55	55	51
	1.25	64	75	67	63	65	62	61	58
	1.5	69	77	70	67	68	66	65	61
	2.0	73	79	74	71	72	70	69	65
	2.5	77	81	77	74	75	73	72	69
3.0	80	82	79	77	77	75	74	71	
4.0	82	83	80	79	78	77	75	73	
5.0	84	84	82	80	79	78	77	74	

arrangement acc. LITG Publ. 3.5

Glare Evaluation acc. to UGR										
r-ceiling	70	70	50	50	30	70	70	50	50	30
r-walls	50	30	50	30	30	50	30	50	30	30
r-floor	20	20	20	20	20	20	20	20	20	20
room size X Y	viewed crosswise to lamp axis					viewed parallel to lamp axis				
2H	2H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	3H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	4H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	6H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	8H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
4H	2H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	3H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	4H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	6H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	8H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
8H	2H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	3H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	4H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	6H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	8H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
12H	2H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	3H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	4H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	6H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	8H	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Variation with the observer position at spacings S										
S =	1.0H	+0.0/	0.0	+0.0/	0.0	+0.0/	0.0	+0.0/	0.0	
	1.5H	+0.0/	0.0	+0.0/	0.0	+0.0/	0.0	+0.0/	0.0	
	2.0H	+0.0/	0.0	+0.0/	0.0	+0.0/	0.0	+0.0/	0.0	
Standard-table	----					----				
Correction for the luminaire	----					----				

corrected values for a total flux of 2400lm

Lichttechnische Informationen:	
light output ratio:	79,2
Up/Down portion:	100,0%/0,0%
I.Max: 485,0 cd bei:	C20,0/g25,0
Hauptlichtstromwinkel C0:	39,9
Hauptlichtstromwinkel C90:	39,5
Hauptlichtstromwinkel C180:	39,9
Hauptlichtstromwinkel C270:	39,5
Classifications:	
CIE:	76 99 100 100 79
BZ:	BZ 2
UTE:	0,79B
DIN:	A60
UGR Ref:	< 0,0

Weitere Informationen:



luminaire : linea quadrA 260 (2 X 18W)

Meßnummer 02019
Meßdatum 30-12-1899
Bearbeiter

Meßbedingungen

Umgebungstemperatur 0,0 °C
Leuchtenspannung 0,00 V
Leuchtenstrom 0,000 A
Leistungsaufnahme 0,0 W
Messentfernung 5,62 m

Meßlampentyp Lichtstrom / lm

1 1200,0 lm
2 1200,0 lm

Auswertung

Leuchtenlichtstrom 1727,5 lm
Klassifizierung / DIN A60
Lichtstromanteil unterer HR 100,00 %
Lichtstromanteil oberer HR 0,00 %
Lichtstärkemaximum 440,9 cd/klm
in C-Ebene 20,0 °
bei gamma-Winkel 25,0 °
Halbwertswinkel C0 : 39,9 °
C90 : 39,5 °
Zehntelstreuwinkel C0 : 53,1 °
C90 : 53,6 °

article number

24106G.00

lamp type

2 x PL-C 4P 18W830
total flux 2400 lm
light output ratio 79 %
meas. tilt 0,0 °

file

24106G.00

Abmessungen der Leuchte

Länge 258 mm
Breite 258 mm
Höhe 7 mm

Abmessungen der leuchtenden Fläche

Länge 0 mm
Breite 0 mm
Höhe C0 0 mm
Höhe C90 0 mm
Höhe C180 0 mm
Höhe C270 0 mm

article number

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lamp type

2 x PL-C 4P 18W830

total flux

2400 lm

light output ratio

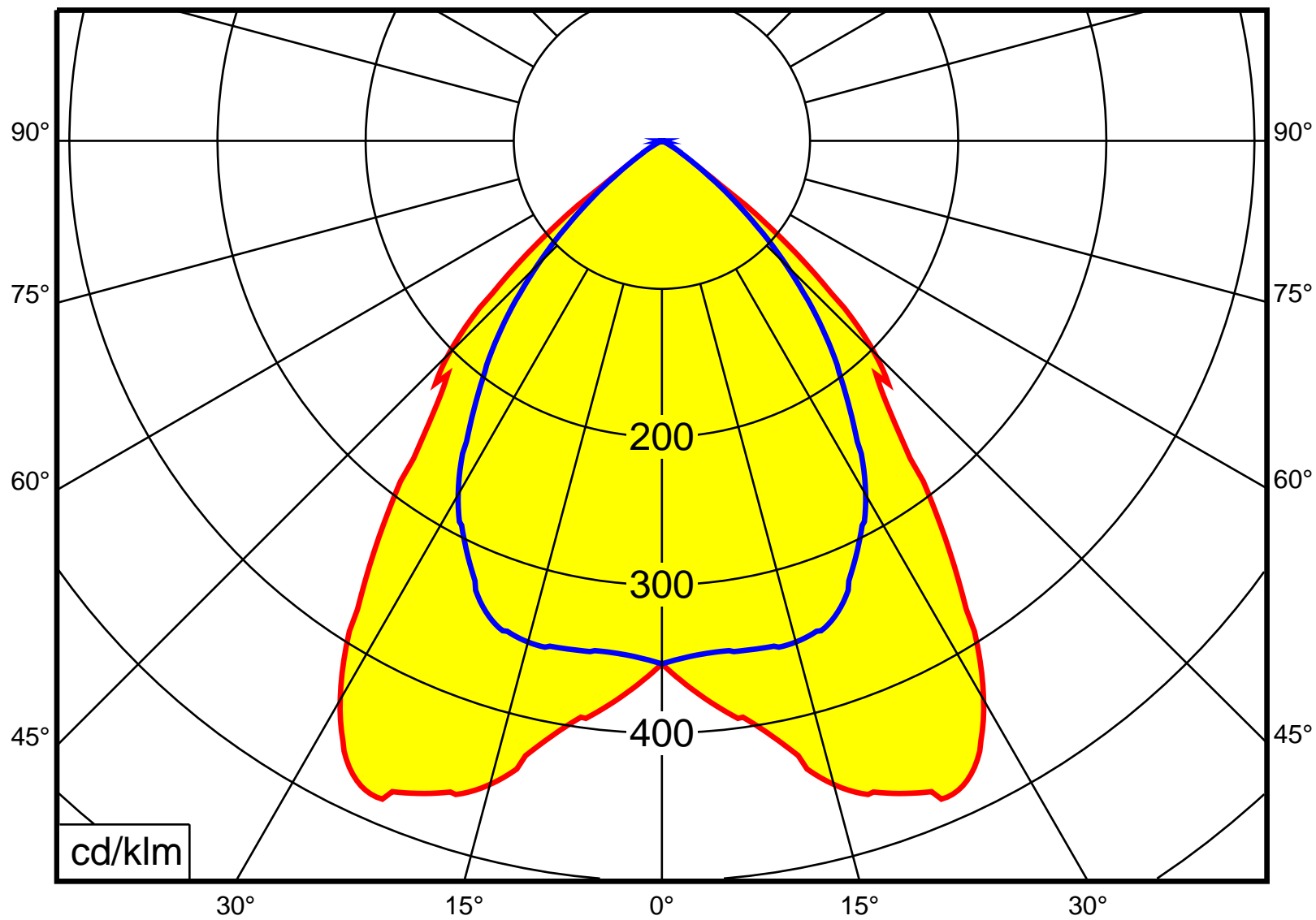
79 %

meas. tilt

0,0 °

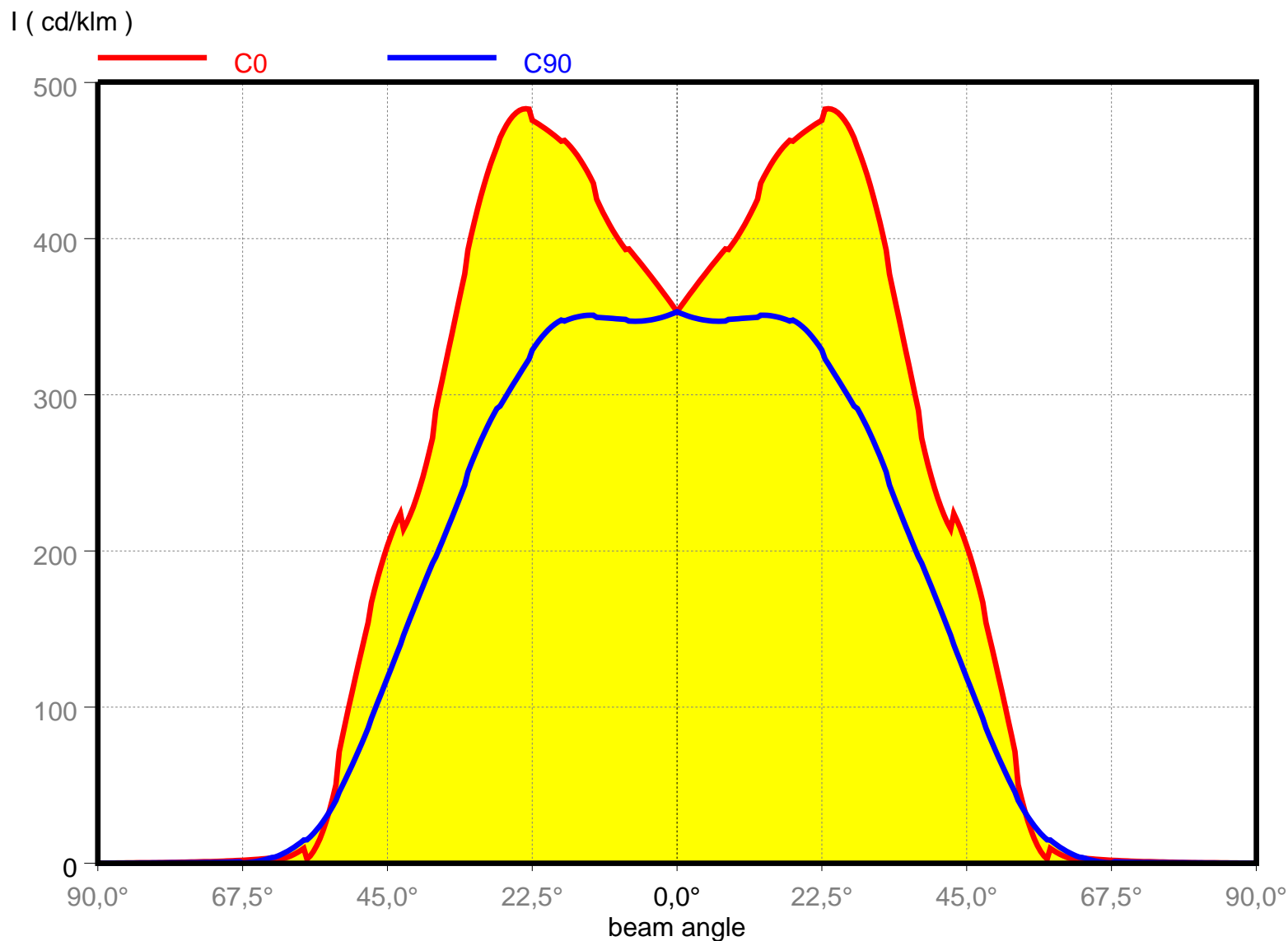
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— C0-C180

— C90-C270



article number

24106G.00

lamp type

2 x PL-C 4P 18W830

total flux

2400 lm

light output ratio

79 %

meas. tilt

0,0 °

file

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tilt angle : 0,0°
inclination : 0,0°

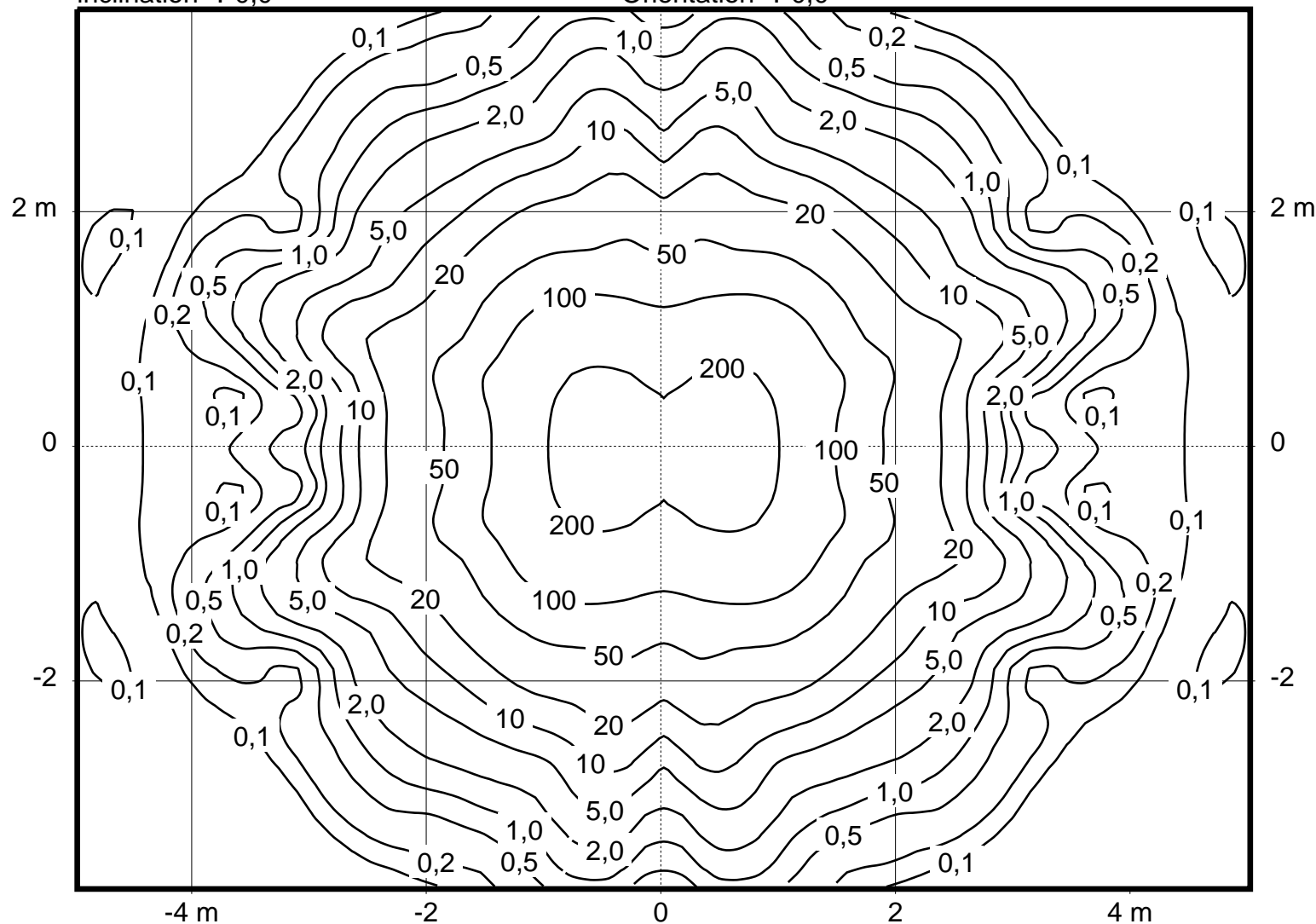
H : 2,0 m
Orientation : 0,0°

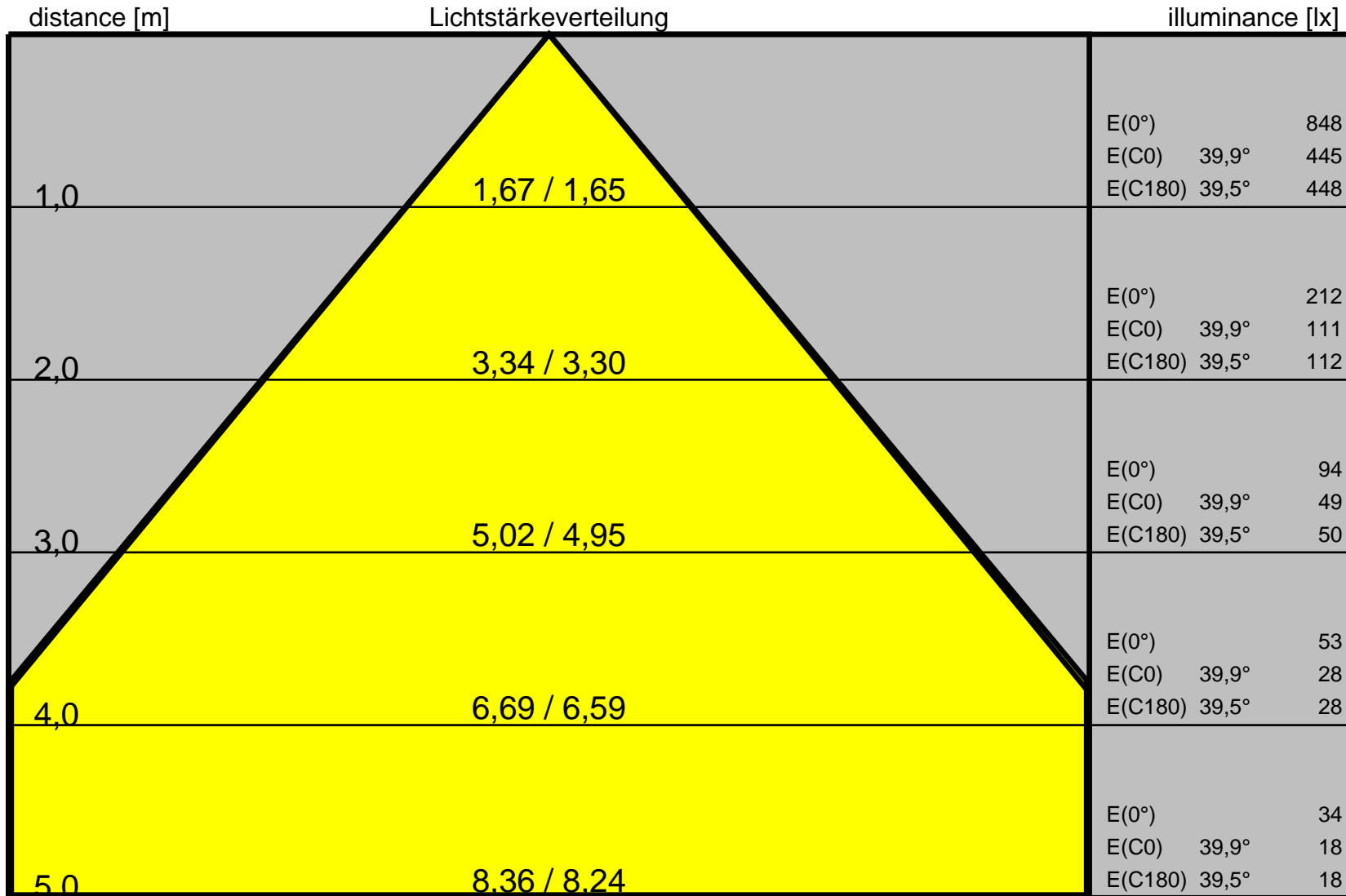
light loss factor : 1,0

article number
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lamp type
2 x PL-C 4P 18W830
total flux
2400 lm
light output ratio
79 %
meas. tilt
0,0°

file
24106G.00





article number

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lamp type

2 x PL-C 4P 18W830

total flux

2400 lm

light output ratio

79 %

meas. tilt

0,0 °

file

24106G.00

half value angle C0-180 : 79,8° C90-270 : 79,0°