

Kotolna na pelety

Partner for Contact:

Order No.:

Company:

Customer No.:

Date: 06.03.2016

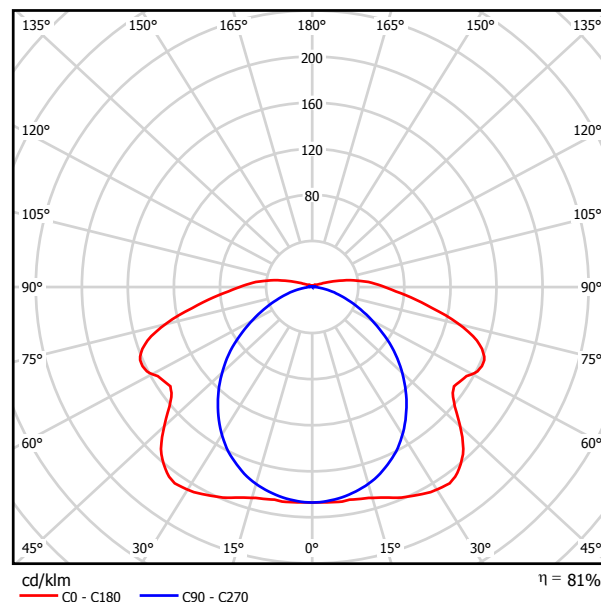
Operator:

Operator
Telephone
Fax
e-Mail

OMS s.r.o. UX-TORNADO PC2 2x28W FDH / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



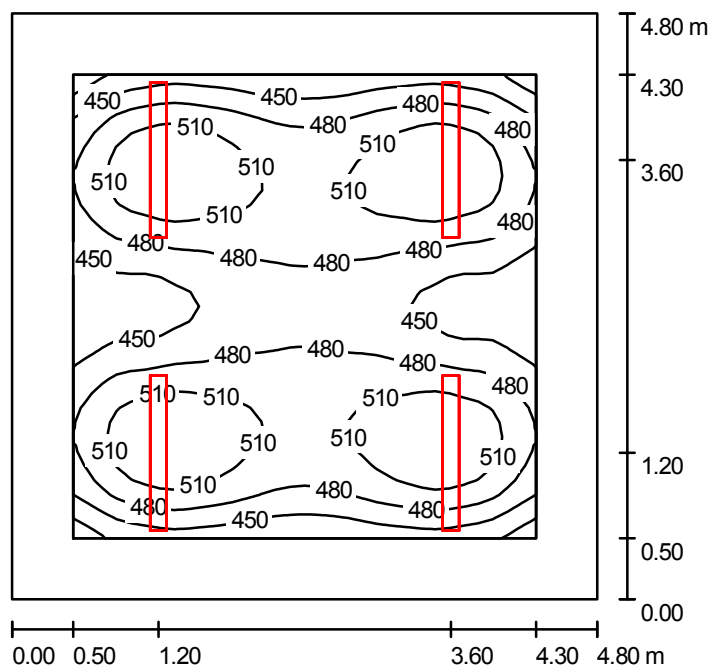
Luminaire classification according to CIE: 94
CIE flux code: 37 66 88 94 81

Luminous emittance 1:

Glare Evaluation According to UGR											
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	19.9	21.3	20.3	21.7	22.0	18.1	19.5	18.5	19.8	20.2
	3H	23.9	25.2	24.3	25.5	25.9	19.5	20.8	19.9	21.1	21.5
	4H	25.5	26.7	25.9	27.1	27.5	19.8	21.0	20.3	21.4	21.9
	6H	26.9	28.0	27.3	28.4	28.9	20.0	21.1	20.4	21.5	22.0
	8H	27.5	28.6	28.0	29.1	29.5	20.0	21.1	20.5	21.5	22.0
	12H	28.2	29.3	28.7	29.7	30.2	20.0	21.1	20.5	21.5	22.0
4H	2H	20.4	21.6	20.9	22.0	22.5	19.0	20.3	19.5	20.7	21.1
	3H	24.7	25.8	25.2	26.2	26.7	20.8	21.8	21.2	22.3	22.7
	4H	26.6	27.5	27.1	28.0	28.5	21.3	22.3	21.8	22.7	23.2
	6H	28.2	29.0	28.7	29.5	30.0	21.7	22.5	22.2	23.0	23.5
	8H	28.9	29.7	29.4	30.2	30.8	21.8	22.6	22.3	23.1	23.6
	12H	29.7	30.4	30.3	31.0	31.5	21.8	22.6	22.4	23.1	23.6
8H	4H	26.9	27.7	27.4	28.2	28.7	23.0	23.8	23.5	24.3	24.8
	6H	28.8	29.4	29.3	30.0	30.6	23.8	24.4	24.3	25.0	25.5
	8H	29.7	30.3	30.3	30.9	31.5	24.0	24.6	24.6	25.2	25.8
	12H	30.8	31.3	31.3	31.8	32.5	24.2	24.8	24.8	25.3	25.9
	4H	26.9	27.6	27.5	28.2	28.7	23.4	24.1	23.9	24.6	25.2
	6H	28.9	29.5	29.5	30.0	30.6	24.5	25.0	25.0	25.6	26.2
12H	8H	29.9	30.4	30.5	31.0	31.6	25.0	25.5	25.5	26.0	26.7
	12H	29.9	30.4	30.5	31.0	31.6	25.0	25.5	25.5	26.0	26.7
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1				
S = 1.5H		+0.2 / -0.3					+0.4 / -0.4				
S = 2.0H		+0.3 / -0.4					+0.5 / -0.7				
Standard table		---					BK13				
Correction		---					1.0				
Summand											
Corrected Glare Indices referring to 5200lm Total Luminous Flux											

Operator
Telephone
Fax
e-Mail

Room 1 / Summary



Height of Room: 2.200 m, Mounting Height: 2.200 m, Maintenance factor: 0.80

Values in Lux, Scale 1:62

Surface	ρ [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0
Workplane	/	485	404	545	0.833
Floor	20	351	239	436	0.680
Ceiling	70	141	101	248	0.717
Walls (4)	50	285	159	485	/

Workplane:

Height: 0.750 m
Grid: 32 x 32 Points
Boundary Zone: 0.500 m

UGR

Left Wall
Lower Wall
(CIE, SHR = 1.00.)

Lengthways-

28
28

Across

22
22

to luminaire axis

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.636, Ceiling / Working Plane: 0.291.
Proportion of points with less than 400 lx (for IEQ-7): 0.00%.

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ [lm]	P [W]
1	4	OMS s.r.o. UX-TORNADO PC2 2x28W FDH (1.000)	5200	58.0
Total:			20800	232.0

Specific connected load: $10.07 \text{ W/m}^2 = 2.08 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 23.04 m^2)