

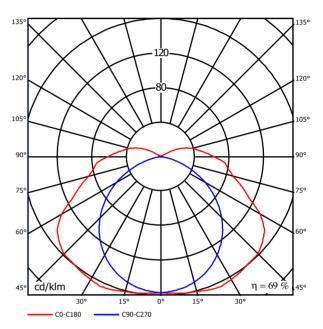
Proyecto elaborado por Teléfono Fax e-Mail

# Philips Pacific TCW216 2xTL-D36W/830 / Hoja de datos de luminarias



Clasificación luminarias según CIE: 91 Código CIE Flux: 37 68 88 90 69

#### Emisión de luz 1:



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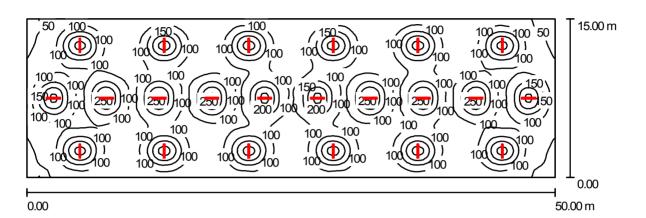
2H 3H 4H 6H 8H 12H	70 50 20 Mi 20.4 22.7 23.9 25.3 26.1	al eje 21.8 23.9 25.0	50 20 n perpe de lán 20.8 23.1	30 20 endicular para 22.2	30 30 20 ar	70 50 20 Mir				30 20 te
2H 3H 4H 6H 8H	Mi 20.4 22.7 23.9 25.3	rado er al eje 21.8 23.9 25.0	n perpi de lán 20.8	endicula npara			ado lo	ngitudir	nalmen	
2H 3H 4H 6H 8H	20.4 22.7 23.9 25.3	al eje 21.8 23.9 25.0	de lán 20.8	npara	ar	Mir				te
3H 4H 6H 8H	22.7 23.9 25.3	23.9 25.0		22.2		Mirado longitudinalmente al eje de lámpara				
4H 6H 8H	23.9 25.3	25.0	23.1		22.6	17.4	18.8	17.9	19.2	19.
6H 8H	25.3			24.3	24.8	18.7	19.9	19.2	20.4	20.
8H			24.3	25.5	26.0	19.1	20.3	19.6	20.7	21.
	26.1	26.3	25.8	26.8	27.3	19.3	20.4	19.8	20.9	21.
12H		27.1	26.6	27.6	28.1	19.4	20.4	19.9	20.9	21.
	27.1	28.1	27.6	28.6	29.1	19.4	20.4	19.9	20.9	21.
2H	21.0	22.2	21.5	22.6	23.1	18.9	20.1	19.4	20.5	21.
3H	23.5	24.5	24.0	25.0	25.5	20.5	21.5	21.0	22.0	22.
4H	24.9	25.8	25.4	26.3	26.9	21.1	22.0	21.6	22.5	23.
6H	26.5	27.3	27.1	27.9	28.5	21.4	22.2	22.0	22.8	23.
8H	27.5	28.2	28.1	28.8	29.4	21.5	22.3	22.1	22.8	23.
12H	28.7	29.3	29.2	29.9	30.5	21.6	22.2	22.1	22.8	23.
4H	25.2	26.0	25.8	26.5	27.1	22.1	22.9	22.7	23.4	24.
6H	27.2	27.8	27.7	28.4	29.0	22.9	23.5	23.5	24.1	24.
8H	28.3	28.9	29.0	29.5	30.2	23.2	23.7	23.8	24.3	25.
12H	29.8	30.3	30.4	30.9	31.6	23.4	23.9	24.0	24.5	25.
4H	25.3	25.9	25.8	26.5	27.1	22.5	23.1	23.0	23.7	24.
6H	27.3	27.8	27.9	28.4	29.1	23.5	24.0	24.1	24.6	25.
8H	28.6	29.1	29.2	29.7	30.4	24.0	24.4	24.6	25.1	25.
osición d	el es pecta	edorpara s	separacio	nes S ent	e lumina	rlas				
S = 1.0H		+0.1 /				+0.1/		-0.1		
1.5H	+0.2 /		-0.2		+0.2 / -0.3					
2.0H	+0.3 /			-0.4		+0.4 / -0.6				
Estándar- Tabla		BK12				BKBF				
Corrección- corrección			11.0				5.8			
	3H 4H 6H 8H 12H 4H 6H 8H 12H 4H 6H 8H 1.0H 1.0H 1.5H 2.0H	3H 23.5 4H 24.9 6H 26.5 8H 27.5 12H 28.7 4H 25.2 6H 27.2 8H 28.3 12H 28.3 12H 28.3 6H 27.3 6H 27.3 6H 27.3 6H 27.3 6H 27.3 6H 28.3 1.0 1.0 1.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	3H 23.5 24.5 4H 24.9 25.8 6H 26.5 27.3 8H 27.5 28.2 12H 28.7 27.8 8H 25.2 26.0 6H 27.2 27.8 8H 28.3 29.1 22H 29.8 30.3 4H 25.3 25.9 6H 27.3 25.9 6H 27.3 25.9 12H 29.8 30.3 4H 25.3 25.9 12H 25.9 25.9 12	3H 23.5 24.5 24.0  4H 24.9 25.8 27.3 27.1  6H 27.5 28.2 28.1  2H 27.5 28.2 28.1  2H 25.2 26.0 25.8  6H 27.2 27.8 27.7  2H 29.8 30.3 30.4  4H 25.3 25.9 25.8  6H 27.3 27.8 27.9  8H 28.3 29.1 29.2  colidated expectator pass sequence.  1.OH 1.0H 1.01 /  1.SH 1.02 /  2.OH 1.5H 1.03 /	3H 23.5 24.5 24.0 25.0  4H 24.9 25.8 25.4 26.3  6H 26.5 27.3 27.1 27.9  8H 27.5 28.2 28.1 28.8  12.2 26.0 25.8 26.5  6H 27.2 27.8 27.7 28.4  8H 28.3 29.9 29.0 29.5  12H 29.8 30.3 30.4 30.9  4H 25.3 25.9 29.0 29.5  12H 29.8 30.3 30.4 30.9  4H 25.3 25.9 29.0 29.5  12H 29.8 30.3 30.4 30.9  4H 25.3 25.9 29.8 26.5  6H 27.3 27.8 27.9 28.4  8H 28.6 29.1 29.2 29.7  20101010101 septembers set 10.1  1.5H +0.2 / -0.1  1.5H -0.2 / -0.4  8K12  20.0H -0.3 / -0.4	3H 23.5 24.5 24.0 25.0 25.5 4H 24.0 25.0 45.5 4H 24.0 25.0 25.9 25.1 28.1 28.8 29.4 26.3 25.9 46.1 25.5 27.3 27.1 27.9 28.5 54.1 28.1 28.1 28.1 28.1 28.1 28.1 28.1 28	3H 23.5 24.5 24.0 25.0 25.5 20.5 4H 24.9 25.8 25.4 26.3 26.9 21.1 6H 26.5 27.3 27.1 27.9 28.5 21.4 8H 27.5 28.2 28.1 28.8 29.4 21.5 28.2 29.3 29.2 29.3 30.5 21.6 4H 25.2 26.0 25.8 26.5 27.1 22.1 6H 27.2 27.8 27.7 28.4 29.0 22.9 8H 28.3 28.9 29.0 29.5 30.2 23.2 12H 29.8 30.3 30.4 30.9 31.6 23.4 4H 25.3 25.9 25.8 26.5 27.1 22.5 8H 28.3 27.8 27.9 28.4 29.1 23.5 8H 28.3 27.8 27.9 28.4 29.1 23.5 8H 28.6 29.1 29.2 29.4 29.0 24.0 20.0 20.0 20.0 20.0 20.0 20.0 20	3H     23.5     24.5     24.0     25.0     25.5     25.2     26.9     21.1     22.0       4H     24.9     25.8     25.4     26.3     26.9     21.1     22.0       6H     26.5     27.3     27.1     27.9     28.5     21.4     22.2       8H     27.5     28.2     28.1     28.8     29.0     29.0     30.5     21.6     22.3       4H     25.2     26.0     25.8     26.5     27.1     22.1     22.9     23.5       8H     28.3     28.9     29.0     29.5     30.2     23.2     23.7       12H     28.7     27.8     28.4     29.1     22.5     23.1       12H     28.7     27.8     28.4     29.1     23.5     24.0       8H     28.3     29.0     29.2     28.7     30.4     24.0     29.4       20H     25.3     27.9     28.4     29.1     23.5     24.0       8H     28.3     27.9     28.4     29.1     23.5     24.0       8H     28.6     29.1     29.2     29.7     30.4     24.0     24.0       8H     28.6     29.1     29.2     29.7     30.4     24.0 <td< td=""><td>3H         23.5         24.5         24.0         25.0         25.5         20.5         21.5         22.0         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         24.0         23.0         23.0         30.5         21.6         22.2         22.1         24.0         22.0         23.7         23.8         24.0         24.0         22.0         22.7         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.0         23.2         23.2         23.2         23.2         23.2         23.2         23.2</td><td>3H     23.5     24.5     24.0     25.0     25.5     20.5     21.5     21.0     22.0       4H     24.9     25.8     25.4     26.9     21.1     22.0     21.6     22.5       6H     26.5     27.3     27.1     27.9     28.5     21.4     22.2     22.0     22.8       8H     27.5     28.2     28.1     28.8     29.4     21.5     22.3     22.1     22.8       4H     25.2     26.0     25.8     26.5     27.1     22.1     22.9     22.7     23.4       6H     27.2     27.8     27.7     28.4     29.0     22.9     23.5     23.5     24.1       12H     29.8     30.3     30.4     30.9     31.6     23.4     23.9     24.0     24.1       21H     29.8     30.3     30.4     30.9     31.6     23.4     23.9     24.0     24.5       4H     25.3     25.9     25.8     26.5     27.1     22.5     23.1     23.0     23.7       4H     25.6     27.1     22.9     27.7     30.4     24.0     24.6     25.1       22.6     27.8     27.9     28.6     25.7     27.1     22.5     23.1<!--</td--></td></td<>	3H         23.5         24.5         24.0         25.0         25.5         20.5         21.5         22.0         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         22.2         22.1         24.0         23.0         23.0         30.5         21.6         22.2         22.1         24.0         22.0         23.7         23.8         24.0         24.0         22.0         22.7         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.7         23.8         23.0         23.2         23.2         23.2         23.2         23.2         23.2         23.2	3H     23.5     24.5     24.0     25.0     25.5     20.5     21.5     21.0     22.0       4H     24.9     25.8     25.4     26.9     21.1     22.0     21.6     22.5       6H     26.5     27.3     27.1     27.9     28.5     21.4     22.2     22.0     22.8       8H     27.5     28.2     28.1     28.8     29.4     21.5     22.3     22.1     22.8       4H     25.2     26.0     25.8     26.5     27.1     22.1     22.9     22.7     23.4       6H     27.2     27.8     27.7     28.4     29.0     22.9     23.5     23.5     24.1       12H     29.8     30.3     30.4     30.9     31.6     23.4     23.9     24.0     24.1       21H     29.8     30.3     30.4     30.9     31.6     23.4     23.9     24.0     24.5       4H     25.3     25.9     25.8     26.5     27.1     22.5     23.1     23.0     23.7       4H     25.6     27.1     22.9     27.7     30.4     24.0     24.6     25.1       22.6     27.8     27.9     28.6     25.7     27.1     22.5     23.1 </td

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### Local 1 / Resumen



Altura del local: 2.800 m, Altura de montaje: 2.800 m, Factor

mantenimiento: 0.80

Valores en Lux, Escala 1:358

Superficie	ρ [%]	E <sub>m</sub> [lx]	E <sub>min</sub> [lx]	E <sub>max</sub> [lx]	$E_{min}/E_{m}$
Plano útil	/	115	41	273	0.35
Suelo	20	110	54	165	0.49
Techo	70	37	23	269	0.62
Paredes (4)	75	66	45	88	1

Plano útil:

Altura: 0.850 m

Trama: 128 x 128 Puntos

Zona marginal: 0.000 m

### Luminarias-Lista de piezas

N°	Pieza	Designación (Factor de corrección)	$\Phi  [\text{lm}]$	P [W]
1	22	Philips Pacific TCW216 2xTL-D36W/830 (1.000)	6700	70
			total: 147400	1540

Valor de eficiencia energética: 2.05 W/m² = 1.79 W/m²/100 lx (Base: 750.00 m²)

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# Local 1 / Lista de piezas de las luminarias

22 Pieza Philips Pacific TCW216 2xTL-D36W/830

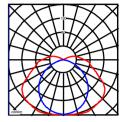
N° de artículo:

Flujo luminoso de las luminarias: 6700 lm Potencia de las luminarias: 70 W Clasificación luminarias según CIE: 91 Código CIE Flux: 37 68 88 90 69

Armamento: 2 x TL-D36W (Factor de corrección

1.000).







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## Local 1 / Resultados luminotécnicos

Flujo luminoso total: 147400 lm Potencia total: 1540 W Factor mantenimiento: 0.80 Zona marginal: 0.000 m

Superficie	Intensidad	les lumínicas me	edias [lx]	Grado de reflexión [%]	Densidad lumínica media [cd/m²]
	directo	indirecto	Total		
Plano útil	86	29	115	1	I
Suelo	79	31	110	20	7.02
Techo	9.69	28	37	70	8.35
Pared 1	41	26	68	75	16
Pared 2	35	27	61	75	15
Pared 3	41	26	68	75	16
Pared 4	35	27	62	75	15

Simetrías en el plano útil

 $E_{min} / E_{m}$ : 0.35  $E_{min} / E_{max}$ : 0.15

Valor de eficiencia energética: 2.05 W/m² = 1.79 W/m²/100 lx (Base: 750.00 m²)