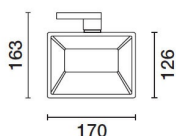


**Configuraciones productos: N994**  
N994: cuerpo medio - neutral white - óptica wide flood



N994: cuerpo medio - neutral white - óptica wide flood **¡Advertencia! Código fuera de producción**

Proyector orientable con adaptador para instalación sobre rail de tensión de red para lámpara LED PCB lineal en color Neutral White (4000K). Incluye reflector de aluminio súper puro anodizado para garantizar una distribución luminosa wide flood. Alimentador electrónico integrado en el cuerpo. Cuerpo óptico en aluminio fundido a presión. Rotación de 360° alrededor del eje vertical e inclinación de 90° respecto al plano horizontal. Disipación pasiva del calor. Posibilidad de instalación de varios accesorios externos como el apantallamiento antirreflejo y el apantallamiento asimétrico.

En raíl electrificado o en base

|                                |                  |
|--------------------------------|------------------|
| <b>Colores</b>                 | <b>Peso (Kg)</b> |
| Negro (04)   Blanco/Negro (47) | 1.35             |

raíl trifásicolen el techo

Producto equipado con componentes electrónicos

Se conforma con EN60598-1 y regulaciones pertinentes



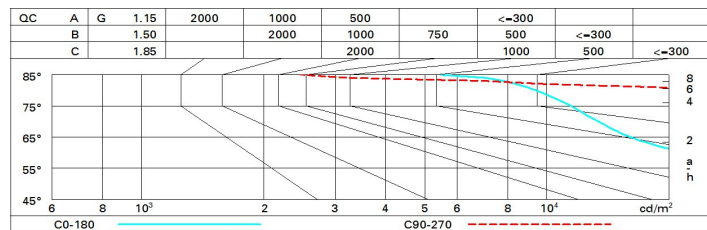
|                                                             |            |                                      |                                 |
|-------------------------------------------------------------|------------|--------------------------------------|---------------------------------|
| Im de sistema:                                              | 3240       | CRI (mínimo):                        | 80                              |
| W de sistema:                                               | 33.4       | Temperatura de color [K]:            | 4000                            |
| Im de la fuente:                                            | 3600       | MacAdam Step:                        | 2                               |
| W de la fuente:                                             | 30         | Life time (vida útil) LED 1:         | > 50,000h - L80 - B10 (Ta 25°C) |
| Eficiencia luminosa (lm/W, valor del sistema):              | 97         | Código de lámpara:                   | LED                             |
| Im en modo emergencia:                                      | -          | Número de lámparas por grupo óptico: | 1                               |
| Flujo total de emisión en un ángulo de 90° o superior [Lm]: | 0          | Código ZVEI:                         | LED                             |
| Light Output Ratio (L.O.R.) [%]:                            | 90         | Número de grupos ópticos:            | 1                               |
| Ángulo de apertura del haz de luz [°]:                      | 80° / 106° |                                      |                                 |

|                                                                                                                                                                                                                                                       |                                                                                                                                                           |                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> <math>I_{max}=1590 \text{ cd}</math><br/> <math>C5-185 \quad \gamma=20^\circ</math><br/> <math>90^\circ \quad 180^\circ \quad 90^\circ</math><br/> <math>1500</math><br/> <math>0^\circ</math><br/> <math>\alpha=80^\circ / 106^\circ</math> </p> | <b>CIE</b><br>nL 0.90<br>64-92-99-100-90<br>UGR 26.7-32.6<br><b>DIN</b><br>A.51<br><b>UTE</b><br>0.90C+0.00T<br>F*1=642<br>F*1+F*2=917<br>F*1+F*2+F*3=991 | <b>Lux</b><br><br>h    d1    d2    Em    Emax<br>1    1.7    2.7    984    1466<br>2    3.4    5.3    246    367<br>3    5    8    109    163<br>4    6.7    10.6    62    92 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# Coefficientes de uso

| R    | 77 | 75 | 73 | 71 | 55 | 53 | 33 | 00 | DRR |
|------|----|----|----|----|----|----|----|----|-----|
| K0.8 | 66 | 58 | 53 | 49 | 57 | 52 | 52 | 47 | 52  |
| 1.0  | 72 | 65 | 60 | 56 | 63 | 59 | 58 | 53 | 59  |
| 1.5  | 80 | 75 | 70 | 67 | 73 | 69 | 68 | 64 | 71  |
| 2.0  | 85 | 80 | 77 | 74 | 79 | 76 | 75 | 71 | 78  |
| 2.5  | 87 | 84 | 81 | 78 | 82 | 80 | 79 | 75 | 83  |
| 3.0  | 89 | 86 | 84 | 82 | 85 | 82 | 81 | 78 | 86  |
| 4.0  | 91 | 89 | 87 | 85 | 87 | 86 | 84 | 81 | 90  |
| 5.0  | 92 | 91 | 89 | 87 | 89 | 87 | 86 | 82 | 92  |

## Curva límite de luminancia



## Diagrama UGR

| Corrected UGR values (at 3000 lm bare lamp luminous flux)        |     |                     |            |      |      |      |                   |      |      |      |      |
|------------------------------------------------------------------|-----|---------------------|------------|------|------|------|-------------------|------|------|------|------|
| Reflect.:<br>ceiling/cav<br>walls<br>work pl.<br>Room dim<br>x y |     | 0.70                | 0.70       | 0.50 | 0.50 | 0.30 | 0.70              | 0.70 | 0.50 | 0.50 | 0.30 |
|                                                                  |     | 0.50                | 0.30       | 0.50 | 0.30 | 0.30 | 0.50              | 0.30 | 0.50 | 0.30 | 0.30 |
|                                                                  |     | 0.20                | 0.20       | 0.20 | 0.20 | 0.20 | 0.20              | 0.20 | 0.20 | 0.20 | 0.20 |
|                                                                  |     | viewed<br>crosswise |            |      |      |      | viewed<br>endwise |      |      |      |      |
| 2H                                                               | 2H  | 20.2                | 27.0       | 20.5 | 27.3 | 27.5 | 31.4              | 32.3 | 31.7 | 32.0 | 32.8 |
|                                                                  | 3H  | 20.1                | 26.9       | 20.4 | 27.2 | 27.5 | 31.5              | 32.2 | 31.8 | 32.5 | 32.8 |
|                                                                  | 4H  | 20.0                | 26.8       | 20.4 | 27.1 | 27.4 | 31.4              | 32.1 | 31.7 | 32.4 | 32.7 |
|                                                                  | 6H  | 20.0                | 26.7       | 20.4 | 27.0 | 27.3 | 31.3              | 32.0 | 31.7 | 32.3 | 32.6 |
|                                                                  | 8H  | 20.0                | 26.6       | 20.3 | 26.9 | 27.3 | 31.3              | 31.9 | 31.7 | 32.3 | 32.6 |
|                                                                  | 12H | 20.9                | 26.5       | 20.3 | 26.9 | 27.3 | 31.2              | 31.9 | 31.6 | 32.2 | 32.6 |
| 4H                                                               | 2H  | 20.9                | 27.0       | 27.2 | 27.9 | 28.2 | 32.5              | 33.3 | 32.9 | 33.6 | 33.9 |
|                                                                  | 3H  | 20.8                | 27.4       | 27.2 | 27.8 | 28.1 | 32.8              | 33.4 | 33.1 | 33.7 | 34.1 |
|                                                                  | 4H  | 20.8                | 27.3       | 27.2 | 27.7 | 28.1 | 32.7              | 33.3 | 33.1 | 33.7 | 34.1 |
|                                                                  | 6H  | 20.7                | 27.2       | 27.2 | 27.6 | 28.0 | 32.7              | 33.2 | 33.1 | 33.6 | 34.0 |
|                                                                  | 8H  | 20.7                | 27.1       | 27.1 | 27.5 | 28.0 | 32.6              | 33.1 | 33.1 | 33.5 | 33.9 |
|                                                                  | 12H | 20.7                | 27.0       | 27.1 | 27.5 | 27.9 | 32.6              | 33.0 | 33.1 | 33.4 | 33.9 |
| 8H                                                               | 4H  | 20.9                | 27.4       | 27.4 | 27.8 | 28.2 | 32.8              | 33.3 | 33.3 | 33.7 | 34.1 |
|                                                                  | 6H  | 20.9                | 27.3       | 27.4 | 27.7 | 28.2 | 32.8              | 33.2 | 33.3 | 33.6 | 34.1 |
|                                                                  | 8H  | 20.9                | 27.2       | 27.4 | 27.7 | 28.2 | 32.8              | 33.1 | 33.3 | 33.6 | 34.1 |
|                                                                  | 12H | 20.8                | 27.1       | 27.4 | 27.6 | 28.1 | 32.8              | 33.0 | 33.3 | 33.5 | 34.0 |
| 12H                                                              | 4H  | 27.0                | 27.3       | 27.4 | 27.8 | 28.2 | 32.8              | 33.2 | 33.2 | 33.6 | 34.1 |
|                                                                  | 6H  | 26.9                | 27.2       | 27.4 | 27.7 | 28.2 | 32.8              | 33.1 | 33.3 | 33.6 | 34.1 |
|                                                                  | 8H  | 26.9                | 27.2       | 27.4 | 27.7 | 28.2 | 32.8              | 33.0 | 33.3 | 33.5 | 34.0 |
| Variations with the observer position at spacing:                |     |                     |            |      |      |      |                   |      |      |      |      |
| S =                                                              |     | 1.0H                | 1.7 / -3.2 |      |      |      | 0.4 / -0.4        |      |      |      |      |
|                                                                  |     | 1.5H                | 2.7 / -5.4 |      |      |      | 0.6 / -1.2        |      |      |      |      |
|                                                                  |     | 2.0H                | 3.9 / -6.7 |      |      |      | 1.5 / -1.8        |      |      |      |      |