
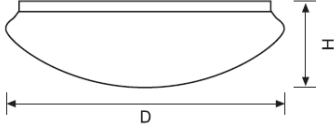
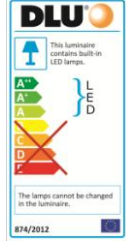



APPARECCHI A LED WALL-MOUNTED “CEILING LIGHT” IP44

															
	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th></th> <th>D (mm)</th> <th>H (mm)</th> </tr> </thead> <tbody> <tr> <td>14W</td> <td>260±1mm</td> <td>100±1mm</td> </tr> <tr> <td>18W</td> <td>340±1mm</td> <td>105±1mm</td> </tr> <tr> <td>24W</td> <td>380±1mm</td> <td>110±1mm</td> </tr> </tbody> </table>		D (mm)	H (mm)	14W	260±1mm	100±1mm	18W	340±1mm	105±1mm	24W	380±1mm	110±1mm		
	D (mm)	H (mm)													
14W	260±1mm	100±1mm													
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Plafoniera tonda integrante una cortina di LED di potenza alimentati da un driver a corrente costante. Piastra di fissaggio in acciaio verniciato bianco opaco. Schermo frontale in MS (SMMA copolimero di metilmetacrilato-stirene) opalino. Grado di protezione IP44 contro la penetrazione di polvere, oggetti solidi ed umidità.


CODICE	V_{in}	P_{nom} (W)	PF	Flusso Luminoso (lm)	lm/W	T_c (K)	R_a	Apertura fascio
FLLRU7VAP	220-240V 50/60Hz	14	> 0.50	900	64.2	3000	≥ 80	120°
FLLRU7V2P	220-240V 50/60Hz	14	> 0.50	950	67.8	4000	≥ 80	120°
FLLRJ7VAP	220-240V 50/60Hz	18	> 0.50	1190	66.1	3000	≥ 80	120°
FLLRJ7V2P	220-240V 50/60Hz	18	> 0.50	1200	66.6	4000	≥ 80	120°
FLLRZ7VAP	220-240V 50/60Hz	24	> 0.50	1760	73.3	3000	≥ 80	120°
FLLRZ7V2P	220-240V 50/60Hz	24	> 0.50	1790	74.5	4000	≥ 80	120°

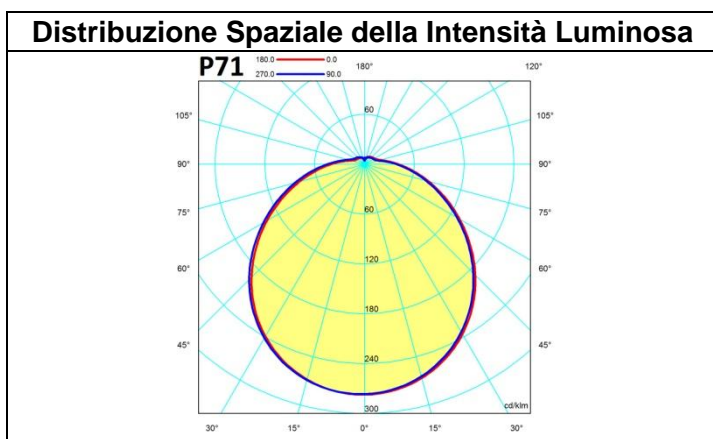


Norme di riferimento: EN60598-1; EN 62722-2-1; IEC62471; EN55015; EN61000-3-2; EN61000-3-3; EN61547; EN62493

Direttive e Regolamenti UE: 2014/35; 2014/30; 92/31; 93/68; 2009/125 (Reg.no.1194/2012); 2012/27 (Reg.Del. no.874/2012 e Reg. no.1369/2017); 2011/65; 2012/19

Alimentazione	220-240V 50/60Hz
Classe di isolamento	
Non dimmerabile	
Vita utile	25.000h L70 (Ta=25°C)
Temperatura ambiente raccomandata	
Grado di protezione contro penetrazione di polvere, corpi solidi e umidità	IP44
Grado di protezione contro impatti meccanici esterni	IK05
Peso (driver LED incluso)	14W → 360g 18W → 650g 24W → 700g
LSF @6000h	0.90
LLMF @6000h	0.80
LLMF @25.000h	70% (L70)
Tempo di innesco	< 0.4s
Numero di cicli di accensione prima di un guasto	> 15.000
Tempo di avvio (fino al 95% del flusso luminoso di regime)	< 2.0s
Tasso di guasti prematuri @1000h	< 5.0%
Omogeneità cromatica	Ellissi MacAdam passo ≤ 6
Mercurio ed altre sostanze pericolose	Assenti
Radiazioni UV ed IR	Assenti
<i>Sistema LED classificato EXEMPT (RISK GROUP 0) secondo la norma EN 62471: 2008 (CIE S009:2002)</i>	

	<p>Smaltimento RAEE (Rifiuti di Apparecchiature Elettriche ed Elettroniche) - Direttiva UE 2012/19</p> <p>Il presente simbolo grafico, riportato anche sul prodotto e sull'imballo, indica che il prodotto a fine vita diventa un RAEE e non deve essere mischiato ai rifiuti domestici indifferenziati. Per prevenire eventuali danni all'ambiente o alla salute umana causati da rifiuti indiscriminati, i rifiuti derivanti da articoli dotati di questo simbolo devono essere separati dagli altri rifiuti ed oculatamente riciclati, per ottimizzare il reimpiego delle materie prime e la sostenibilità. Ai sensi del D.Lgs. 25 luglio 2005, n. 151, gli utenti domestici hanno il diritto di riconsegnare il RAEE al rivenditore all'acquisto di un nuovo equivalente, oppure possono contattare l'Azienda municipalizzata locale per sapere dove riconsegnare o in generale come gestire il rifiuto RAEE per un riciclaggio rispettoso dell'ambiente. Gli utenti professionali devono contattare il loro fornitore e rivedere eventualmente i termini e le condizioni dei loro contratti di acquisto; ai fini dello smaltimento a fine-vita questi prodotti non devono essere mischiati con altri rifiuti commerciali.</p>
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	Illuminamento su piani paralleli entro il fascio ottico	Tabella UGR																																																																																																																																																																																																																																																																																																																							
14W	<p style="font-size: small;">Height Eavg Diameter</p>	<table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>ceiling/cavity</th><td>0.7</td><td>0.7</td><td>0.5</td><td>0.5</td><td>0.3</td><td>0.7</td><td>0.7</td><td>0.5</td><td>0.5</td><td>0.3</td></tr> <tr> <th>walls</th><td>0.5</td><td>0.3</td><td>0.5</td><td>0.3</td><td>0.3</td><td>0.5</td><td>0.3</td><td>0.5</td><td>0.3</td><td>0.3</td></tr> <tr> <th>working plane</th><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td></tr> </thead> <tbody> <tr> <td>Room dimensions</td><td colspan="5" style="text-align: center;">(Viewed crosswise)</td><td colspan="5" style="text-align: center;">(Viewed endwise)</td></tr> <tr> <td>x = 28 y = 28</td><td>11.5</td><td>12.9</td><td>13.0</td><td>13.4</td><td>13.9</td><td>10.6</td><td>12.0</td><td>11.1</td><td>12.5</td><td>13.0</td></tr> <tr> <td>38</td><td>13.8</td><td>15.1</td><td>14.4</td><td>15.6</td><td>16.2</td><td>12.7</td><td>14.0</td><td>13.2</td><td>14.4</td><td>15.0</td></tr> <tr> <td>48</td><td>15.1</td><td>16.3</td><td>15.6</td><td>16.8</td><td>17.4</td><td>13.7</td><td>15.0</td><td>14.3</td><td>15.5</td><td>16.0</td></tr> <tr> <td>68</td><td>16.4</td><td>17.6</td><td>17.0</td><td>18.1</td><td>18.7</td><td>14.8</td><td>16.0</td><td>15.4</td><td>16.6</td><td>17.1</td></tr> <tr> <td>88</td><td>17.2</td><td>18.3</td><td>17.7</td><td>18.8</td><td>19.4</td><td>15.4</td><td>16.6</td><td>16.0</td><td>17.1</td><td>17.7</td></tr> <tr> <td>128</td><td>18.0</td><td>19.1</td><td>18.6</td><td>19.6</td><td>20.3</td><td>16.1</td><td>17.2</td><td>16.7</td><td>17.8</td><td>18.4</td></tr> <tr> <td>48</td><td>28</td><td>12.2</td><td>13.4</td><td>12.7</td><td>13.9</td><td>14.6</td><td>11.5</td><td>12.8</td><td>12.1</td><td>13.3</td><td>13.8</td></tr> <tr> <td>38</td><td>14.7</td><td>15.8</td><td>15.3</td><td>16.4</td><td>17.0</td><td>13.8</td><td>14.9</td><td>14.4</td><td>15.4</td><td>16.0</td></tr> <tr> <td>48</td><td>16.1</td><td>17.1</td><td>16.7</td><td>17.7</td><td>18.4</td><td>15.0</td><td>16.0</td><td>15.6</td><td>16.6</td><td>17.2</td></tr> <tr> <td>68</td><td>17.7</td><td>18.6</td><td>18.3</td><td>19.2</td><td>19.9</td><td>16.3</td><td>17.2</td><td>16.9</td><td>17.8</td><td>18.5</td></tr> <tr> <td>88</td><td>18.5</td><td>19.4</td><td>19.2</td><td>20.0</td><td>20.7</td><td>17.0</td><td>17.8</td><td>17.6</td><td>18.4</td><td>19.2</td></tr> <tr> <td>128</td><td>19.5</td><td>20.3</td><td>20.1</td><td>20.9</td><td>21.6</td><td>17.8</td><td>18.6</td><td>18.4</td><td>19.2</td><td>19.9</td></tr> <tr> <td>88</td><td>48</td><td>16.6</td><td>17.4</td><td>17.2</td><td>18.0</td><td>18.7</td><td>15.7</td><td>16.5</td><td>16.3</td><td>17.1</td><td>17.8</td></tr> <tr> <td>68</td><td>18.4</td><td>19.1</td><td>19.1</td><td>19.7</td><td>20.5</td><td>17.2</td><td>17.9</td><td>17.9</td><td>18.6</td><td>19.3</td></tr> <tr> <td>88</td><td>19.4</td><td>20.1</td><td>20.1</td><td>20.7</td><td>21.5</td><td>18.1</td><td>18.8</td><td>18.8</td><td>19.4</td><td>20.2</td></tr> <tr> <td>128</td><td>20.6</td><td>21.2</td><td>21.3</td><td>21.9</td><td>22.7</td><td>19.1</td><td>19.7</td><td>19.8</td><td>20.4</td><td>21.2</td></tr> <tr> <td>128</td><td>48</td><td>16.7</td><td>17.4</td><td>17.3</td><td>18.1</td><td>18.8</td><td>15.8</td><td>16.6</td><td>16.5</td><td>17.2</td><td>17.9</td></tr> <tr> <td>68</td><td>18.6</td><td>19.2</td><td>19.3</td><td>19.9</td><td>20.6</td><td>17.5</td><td>18.2</td><td>18.2</td><td>18.8</td><td>19.6</td></tr> <tr> <td>88</td><td>19.7</td><td>20.3</td><td>20.4</td><td>21.0</td><td>21.8</td><td>18.5</td><td>19.1</td><td>19.2</td><td>19.8</td><td>20.6</td></tr> <tr> <td colspan="11" style="text-align: center;">Variations with the observer position at spacings:</td></tr> <tr> <td>S = 1.0H</td><td colspan="5"></td><td colspan="5" style="text-align: center;">+ 0.1 / - 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24W	<p style="font-size: small;">Height Eavg Diameter</p>	<table border="1" style="width: 100%; font-size: x-small;"> <thead> <tr> <th>ceiling/cavity</th><td>0.7</td><td>0.7</td><td>0.5</td><td>0.5</td><td>0.3</td><td>0.7</td><td>0.7</td><td>0.5</td><td>0.5</td><td>0.3</td></tr> <tr> <th>walls</th><td>0.5</td><td>0.3</td><td>0.5</td><td>0.3</td><td>0.3</td><td>0.5</td><td>0.3</td><td>0.5</td><td>0.3</td><td>0.3</td></tr> <tr> <th>working plane</th><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td><td>0.2</td></tr> </thead> <tbody> <tr> <td>Room dimensions</td><td colspan="5" style="text-align: center;">(Viewed crosswise)</td><td colspan="5" style="text-align: center;">(Viewed endwise)</td></tr> <tr> <td>x = 28 y = 28</td><td>13.3</td><td>14.8</td><td>13.7</td><td>15.1</td><td>15.6</td><td>13.2</td><td>14.7</td><td>13.6</td><td>15.0</td><td>15.5</td></tr> <tr> <td>38</td><td>15.2</td><td>16.6</td><td>15.7</td><td>17.0</td><td>17.4</td><td>15.1</td><td>16.4</td><td>15.5</td><td>16.8</td><td>17.3</td></tr> <tr> <td>48</td><td>16.2</td><td>17.5</td><td>16.7</td><td>17.9</td><td>18.4</td><td>16.1</td><td>17.3</td><td>16.5</td><td>17.8</td><td>18.2</td></tr> <tr> <td>68</td><td>17.2</td><td>18.4</td><td>17.7</td><td>18.9</td><td>19.4</td><td>17.0</td><td>18.2</td><td>17.5</td><td>18.7</td><td>19.2</td></tr> <tr> <td>88</td><td>17.8</td><td>18.9</td><td>18.3</td><td>19.4</td><td>19.9</td><td>17.6</td><td>18.7</td><td>18.1</td><td>19.2</td><td>19.7</td></tr> <tr> <td>128</td><td>18.4</td><td>19.5</td><td>18.9</td><td>20.0</td><td>20.5</td><td>18.2</td><td>19.3</td><td>18.7</td><td>19.8</td><td>20.3</td></tr> <tr> <td>48</td><td>28</td><td>14.0</td><td>15.2</td><td>14.4</td><td>15.7</td><td>16.1</td><td>13.9</td><td>15.2</td><td>14.4</td><td>15.6</td><td>16.1</td></tr> <tr> <td>38</td><td>16.1</td><td>17.2</td><td>16.6</td><td>17.7</td><td>18.2</td><td>16.0</td><td>17.1</td><td>16.5</td><td>17.6</td><td>18.1</td></tr> <tr> <td>48</td><td>17.2</td><td>18.3</td><td>17.8</td><td>18.8</td><td>19.3</td><td>17.1</td><td>18.1</td><td>17.6</td><td>18.6</td><td>19.2</td></tr> <tr> <td>68</td><td>18.4</td><td>19.3</td><td>19.0</td><td>19.9</td><td>20.5</td><td>18.3</td><td>19.2</td><td>18.8</td><td>19.7</td><td>20.3</td></tr> <tr> <td>88</td><td>19.1</td><td>19.9</td><td>19.6</td><td>20.5</td><td>21.1</td><td>18.9</td><td>19.8</td><td>19.5</td><td>20.3</td><td>20.9</td></tr> <tr> <td>128</td><td>19.6</td><td>20.6</td><td>20.4</td><td>21.2</td><td>21.8</td><td>19.6</td><td>20.4</td><td>20.2</td><td>21.0</td><td>21.6</td></tr> <tr> <td>88</td><td>48</td><td>17.7</td><td>18.5</td><td>18.2</td><td>19.1</td><td>19.7</td><td>17.6</td><td>18.4</td><td>18.1</td><td>19.0</td><td>19.6</td></tr> <tr> <td>68</td><td>19.1</td><td>19.8</td><td>19.7</td><td>20.4</td><td>21.1</td><td>19.0</td><td>19.7</td><td>19.6</td><td>20.3</td><td>20.9</td></tr> <tr> <td>88</td><td>19.9</td><td>20.6</td><td>20.6</td><td>21.2</td><td>21.9</td><td>19.8</td><td>20.4</td><td>20.4</td><td>21.0</td><td>21.7</td></tr> <tr> <td>128</td><td>20.9</td><td>21.5</td><td>21.5</td><td>22.1</td><td>22.8</td><td>20.7</td><td>21.3</td><td>21.4</td><td>21.9</td><td>22.6</td></tr> <tr> <td>128</td><td>48</td><td>17.7</td><td>18.5</td><td>18.3</td><td>19.1</td><td>19.7</td><td>17.6</td><td>18.4</td><td>18.2</td><td>19.0</td><td>19.6</td></tr> <tr> <td>68</td><td>19.3</td><td>19.9</td><td>19.9</td><td>20.5</td><td>21.2</td><td>19.2</td><td>19.8</td><td>19.8</td><td>20.4</td><td>21.1</td></tr> <tr> <td>88</td><td>20.3</td><td>20.8</td><td>20.9</td><td>21.4</td><td>22.1</td><td>20.1</td><td>20.7</td><td>20.7</td><td>21.3</td><td>22.0</td></tr> <tr> <td colspan="11" style="text-align: center;">Variations with the observer position at spacings:</td></tr> <tr> <td>S = 1.0H</td><td colspan="5"></td><td colspan="5" style="text-align: center;">+ 0.1 / - 0.1</td></tr> <tr> <td>1.5H</td><td colspan="5"></td><td colspan="5" style="text-align: center;">+ 0.2 / - 0.3</td></tr> <tr> <td>2.0H</td><td colspan="5"></td><td colspan="5" style="text-align: center;">+ 0.2 / - 0.3</td></tr> <tr> <td colspan="11" style="text-align: center;">CIE Pub.117 Corrected 1635 lm Total Lamp Luminous Flux (Blog(F/FO) = 1.7)</td></tr> </tbody> </table>	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	working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	Room dimensions	(Viewed crosswise)					(Viewed endwise)					x = 28 y = 28	13.3	14.8	13.7	15.1	15.6	13.2	14.7	13.6	15.0	15.5	38	15.2	16.6	15.7	17.0	17.4	15.1	16.4	15.5	16.8	17.3	48	16.2	17.5	16.7	17.9	18.4	16.1	17.3	16.5	17.8	18.2	68	17.2	18.4	17.7	18.9	19.4	17.0	18.2	17.5	18.7	19.2	88	17.8	18.9	18.3	19.4	19.9	17.6	18.7	18.1	19.2	19.7	128	18.4	19.5	18.9	20.0	20.5	18.2	19.3	18.7	19.8	20.3	48	28	14.0	15.2	14.4	15.7	16.1	13.9	15.2	14.4	15.6	16.1	38	16.1	17.2	16.6	17.7	18.2	16.0	17.1	16.5	17.6	18.1	48	17.2	18.3	17.8	18.8	19.3	17.1	18.1	17.6	18.6	19.2	68	18.4	19.3	19.0	19.9	20.5	18.3	19.2	18.8	19.7	20.3	88	19.1	19.9	19.6	20.5	21.1	18.9	19.8	19.5	20.3	20.9	128	19.6	20.6	20.4	21.2	21.8	19.6	20.4	20.2	21.0	21.6	88	48	17.7	18.5	18.2	19.1	19.7	17.6	18.4	18.1	19.0	19.6	68	19.1	19.8	19.7	20.4	21.1	19.0	19.7	19.6	20.3	20.9	88	19.9	20.6	20.6	21.2	21.9	19.8	20.4	20.4	21.0	21.7	128	20.9	21.5	21.5	22.1	22.8	20.7	21.3	21.4	21.9	22.6	128	48	17.7	18.5	18.3	19.1	19.7	17.6	18.4	18.2	19.0	19.6	68	19.3	19.9	19.9	20.5	21.2	19.2	19.8	19.8	20.4	21.1	88	20.3	20.8	20.9	21.4	22.1	20.1	20.7	20.7	21.3	22.0	Variations with the observer position at spacings:											S = 1.0H						+ 0.1 / - 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