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The Bright Lights in My Head

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Carwyn Jones

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for countertenor, large ensemble, and lights

full score in C

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Running time 14'30"

Instrumentation:

Countertenor
Piccolo
Oboe
Clarinet in E
Bass Clarinet in B
Bassoon
Horn in F
Trumpet in B
Trombone
Percussion (one player)
- Snare Drum
- Bass Drum
- Vibraphone
Celeste
Harp
Violin I
Violin II
Viola
Violoncello
Double Bass

Lighting equipment:

Wash lights (x9)
Vertically mounted LED bars with RGB colour-blend capability (x8)
Parcans (x4)

Coloured gels for wash lights and parcans

Blue: 071
Green: 139
Orange: 022
Purple: 700
Red: 182 (x2)
Soft white: (x2)
Cold white: 003 (x4)
Yellow: 010

Programme notes

This piece is based on my experiences dealing with my migraines at their most intense. One of the worst things about migraines is the moment I realise that a migraine is on its way. The feeling of a slight tension which I know will build from an ignorable strain to an unbearable pain in a matter of hours, and the frustration in knowing there is nothing I can do about it. The piece begins at this point, constantly tense in the knowledge of what is to come, and constantly building its density, volume and complexity as the pain increases.

Symptoms of migraines can vary from person to person, and one symptom I suffer from is 'photopsia', which slightly confuses the senses, meaning I sense bright lights in the way that makes them feel more like horrible sounds. It is not as literal as 'synesthesia', whose sufferers see colours when hearing sounds. Sufferers of photopsia do not actually hear sounds but rather sense light in a slightly off-centre way. It is this sensation that makes up the majority of my piece, and gives it its title. The brutal chords at bar 97 are a reflection of the first encounter with a dazzling light after the onset of the migraine. The use of lights in this piece is a reversal of the effects of photopsia, where the audience feel the sound and lights merging into one sensory battering ram, and so they feel the music through senses they would not normally associate with listening to music. The aim of this piece is simple, to give the audience such a bombardment of sound and light as to simulate the effects of a migraine.

I, along with many that suffer from severe migraines, find that there's only one real solution: a period of complete isolation from any sensory stimuli in a dark, silent room until sleep takes over. This gradual loss of consciousness, and a numbing of the senses is the focus of the last section of the piece. After a period where the lighting becomes the main focus against a stream of single notes played by various instruments, the lack of movement in the music brings the piece to a halt. Then a coda of a muted pain can be heard before one final flourish to the last unexpected note sung in the dark by the countertenor.

Performance notes*countertenor*

- The text is a translation of the words 'light' and 'sound' into various languages. The various translations can be found below.
- All text is written in the Latin alphabet regardless of its usual script, both in this list and in the score.

Maori (sound): Tangi
 Xhosa (light): Kukhanya
 Greek (light): Phos
 French (sound): [du] son
 Danish (sound): Lyd
 Danish (light): Lys
 Welsh (sound): Swm
 Catalan (sound): So
 Bengal (light): Alo

Maori (light): Marama
 Latin (sound): Canetis
 Polish (sound): Dzwiek
 French (light): Lumière
 Welsh (light): Golau
 Catalan (light): Llum
 Turkish (light): Isik
 Japanese (light): Hikari

Dutch (light): Licht
 Dutch (sound): Geluid
 Xhosa (sound): Isandi
 Turkish (sound): Ses
 Greek (sound): Ichos
 Latin (light): Lux
 Polish (light): Lekki
 English: Light

- On two occasions the singer is interrupted by the ensemble mid-word, here the omitted syllables are written under the following rest in brackets. These syllables are not intended to be vocalised in any way, but are intended to show the completed word that the sung syllables are taken from, in order to aid pronunciation.
- When indicated to whisper loudly, this should sound much like an actor's "stage whisper"; where the light breathy quality of a whisper is kept but the volume is enough to carry to the back of the audience.

Trumpet in B♭

- Harmon mute required.

Percussion

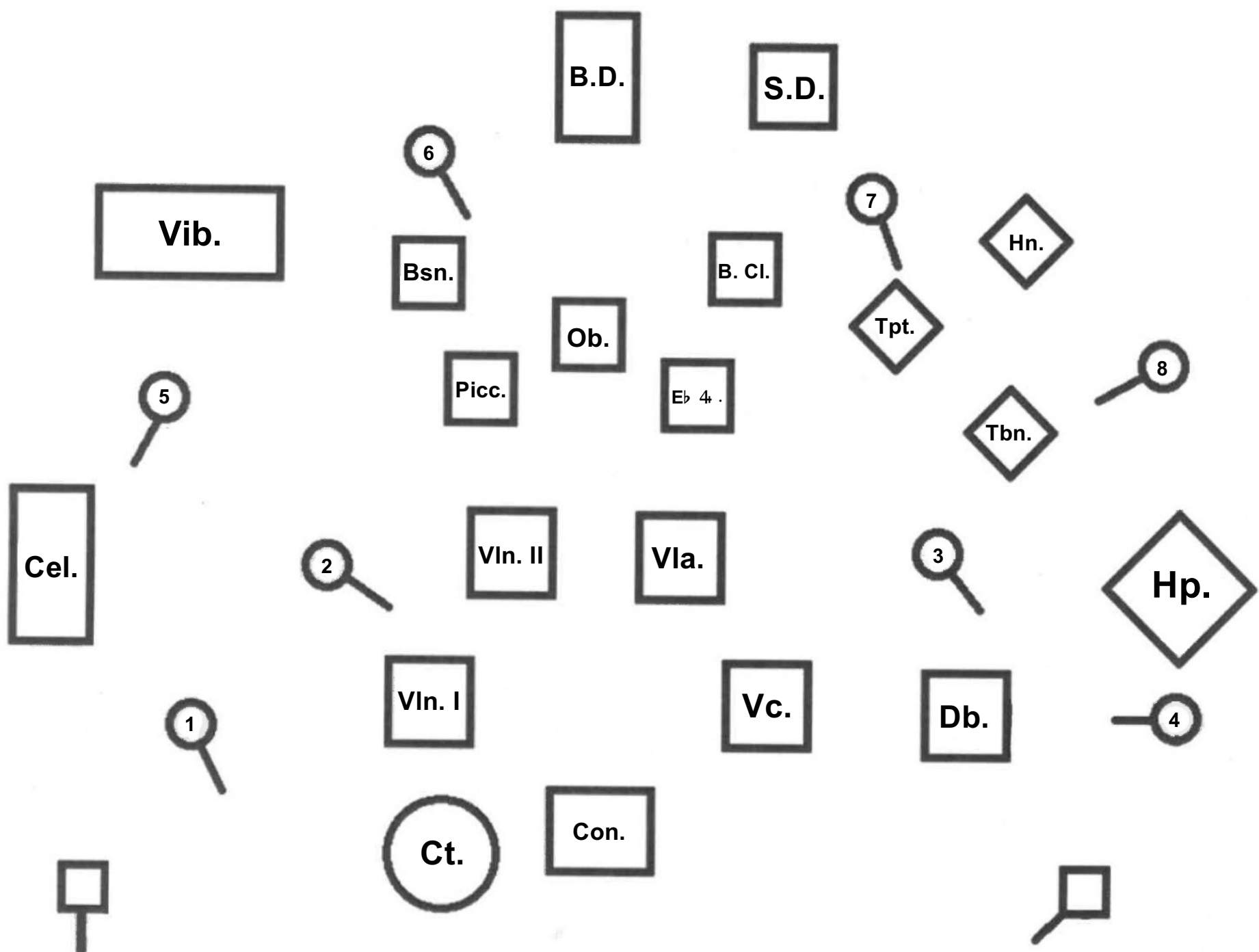
- Mallets and sticks required: plain drumsticks, soft bass drum mallets, heavy bass drum mallets, hard vibraphone sticks, soft vibraphone sticks.
- The snare drum should always be played with the drumsticks.

Strings

- Any notes in brackets in the middle of portamenti are approximations, but should be used as a guide as to the speed of the portamenti.
- The symbol used in b. 142-147 indicates playing the string(s) on the wrong side of the bridge; the pitch of the noteheads used indicate which strings are to be played.
- The 'seagull effect' at b. 271-279 is produced by sliding a stopped and touched finger down the string to produce an artificial harmonic, that will naturally resonate and pick out pitches in the harmonic series of the string.

Stage Layout

- The numbers in circles indicate the placement of an LED bar, and the small lines emanating from the circles show the direction the LED bar should face.
- The squares with small lines emanating from them indicate the placement and direction of a parcan.



The Bright Lights In My Head

for Countertenor, Large Ensemble and Lights

Carwyn Jones
(2018)

Tense, (♩ = 84) 2.3 2.3.2 3.2

loud, breathy whisper
no pitch

slow,
purposeful gliss.

f > *mp* *mp*

Go-e! Tang - - i. Ku - khan - - ya.

Wash lights II 5/4 off 4/4 red 4/4 green 5/8 4/4 7/8 4/4 5/8 4/4

LED bars II 5/4 off 4/4 * sudden short flash of light 5/8 4/4 fade to max off 7/8 4/4 fade to max 5/8 off 4/4

Parcans II 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Piccolo 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Oboe 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Clarinet in Eb 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Bass Clarinet in Bb 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Bassoon 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Horn in F 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Trumpet in Bb 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Trombone 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Percussion Snare Drum Bass Drum Soft mallet

p *mf* *p* < *f* *p* < *f* *ppp* < *f*

Celesta 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Harp Eb F Gb A# Bb Cb Db 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Violin I 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Violin II 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Viola 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Violoncello 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

Double Bass 5/4 4/4 5/8 4/4 7/8 4/4 5/8 4/4

p *mp* *pizz.* *mp* *pizz.* *mp*

12

10

Ct. *p* Phos.

Wash. II $\frac{4}{4}$ red / $\frac{4}{4}$ green

LED II $\frac{4}{4}$ off

Picc. *f* *pp* *f*

Ob. *mp*

E♭ Cl. *mp*

B. Cl. *f*

Bsn. *f* *pp*

Hn.

Tpt.

Tbn. *f*

B. D. II $\frac{4}{4}$

Cel. *ppp* sub. *ff* *pp*

Hp. bisbigl. *pp* *mf* B♭ E♭D♯

Vln. I *fp* *f*

Vln. II *f* sub. *p* *f* sub.

Vla. *f* sub. *p* *f* sub.

Vc. arco *p* *f* pizz. *f* arco *p* *f*

Db. *f*

16 *mf*

Ct.

Wash. **II** blue green

Picc. *pp*

Ob. *f* *pp* *f* *pp*

E♭ Cl. *f* *pp* *f*

B. Cl. *f*

Bsn. *mf* *pp* *mf*

Hn.

Tpt.

Tbn.

B. D. **II**

Vibraphone Fast vib. Metallic sticks *mf* 6 3 l.v.

Cel. *pp* 5

Hp. *mp* 5 l.v.

Vln. I

Vln. II *p*

Vla. *p*

Vc. arco *p*

Db. arco *mf*

19 *p* *mf*

Ct. Phos.

Wash. blue green

LED *

Picc. *p*

Ob.

E♭ Cl.

B. Cl. *mp*

Bsn. *mp*

Hn. *mf*

Tpt.

Tbn. *mp*

Vib. gradually lift pedal → Fast vib. *mf* *mp*

Cel. *ff* *mp*

Hp. *ff* *mp* A[#]B^b

Vln. I *pp*

Vln. II *f*

Vla. *f*

Vc. *fp* *mp* pizz.

Db. *mp* pizz.

26

p ————— *mf* ————— *fp* ————— *f*

Ct. *Phos* *du son*

Wash. H $\frac{2}{4}$ blue $\frac{2}{4}$ green

Picc.

Ob. *ff* *p* *pp* *f*

E♭ Cl. *ff* *p* *pp*

B. Cl.

Bsn.

Hn. *p*

Tpt. *f* *p*

Tbn.

Vib. *p* Slow vib.

Cel. *f* *pp*

Hp. *pp* bisbigl. $\text{EbF}\sharp\text{GbA}\flat$ $\text{B}\sharp\text{C}\flat\text{D}\sharp$

Vln. I

Vln. II *f* *p* *ff* pizz.

Vla. *f* *p* *ff* pizz.

Vc. *ff* *mp* *ff* arco (1/4 tone trill) pizz.

Db. *ff* sempre pizz.

31

Ct. 

Wash. 

LED 

fade up to max then fade down to off

Picc. 

Ob. 

Eb Cl. 

B. Cl. 

Bsn. 

Hn. 

Tpt. 

Tbn. 

Vib. 

Cel. 

Hp. 

Vln. I 

Vln. II 

Vla. 

Vc. 

Db. 

col legno battuto

arco

pizz.

arco

ppp *ff* *ppp* *ff*

pp *ppp* *ff* *ppp*

ff *ppp* *ff* *ppp*

ppp *ff* *ppp*

pp

38

Ct. *mp*
Lyd Lys Lyd

Wash. $\frac{3}{4}$ blue
 $\frac{4}{4}$ orange

Picc. *ff* harmonic gliss. *p*

Ob. *ff* *pp*

E♭ Cl. *ff* *pp*

B. Cl.

Bsn.

Hn.

Tpt. *ff* *pp*

Tbn.

Vib.

Cel. *ff* *pp*

Hp. *p* $\text{D}\sharp$

Vln. I *ff* *ppp* *ff* 3

Vln. II *ppp* *ff* *ppp* 3

Vla. *ff* 3 *ppp* 3

Vc. *ppp* *ff* 3 *ppp* *ff*

Db.

42 *f*

Ct. Lys Lyd Lys Lys Lyd Lyd Lys

Wash. blue orange

Picc. *ff* harmonic gliss. *p* *ff*

Ob. *ff* *pp* *ff*

E♭ Cl. *ff* *pp* *ff*

B. Cl.

Bsn.

Hn.

Tpt. *ff* *pp* *ff*

Tbn.

Vib. arco, sim. *ff*

Cel. *ff* *pp* *ff*

Hp. *f* *p*

Vln. I *ppp*

Vln. II *ppp* *ff* *ff* *ppp* 3

Vla. *ff* 3 *ppp* 3

Vc. *ppp* 3 *ff* 3 *ppp* 3

Db.

D \natural D \sharp l.v.

8va

46

Ct. *p* sub. *ff* loud breathy whisper
pitchless
Lys Lys Lyd Lys - - - sss - - - - - - - - - - - - - swn!!

Wash. 2/4 blue orange 4/4 2/4 *off* 5/8 2/4 5/4 yellow orange 3/4

LED 2/4 4/4 2/4 5/8 *off* 2/4 *off* 5/4 *

Picc. harmonic gliss. *p* *ff* sudden bursts at max then fade to off *ff*

Ob. *ff* *pp* *ff*

E♭ Cl. *ff* *pp* *ff*

B. Cl. *mf* *ff*

Bsn. *mf* *ff*

Hn.

Tpt. *ff* *pp*

Tbn. *mf* *ff*

Vib. Slow vib. Soft sticks *f* *ppp* *mf* *ppp* *mp*

Cel. *ff* *pp*

Hp. *f* *f* *f* *ppp* *mf* *ppp* *pp*
bisbigl. *f* *ppp* *mf* *ppp* *pp*
sim.

Vln. I (8) *ff* *f* *ppp* *mf* *ppp* *ppp*
arco sul pont. IV sempre sul pont.

Vln. II *ff*

Vla. *ff* *nat.* *f* *ppp* *mf* *ppp* *ppp*

Vc. *ff* *pizz.* *mf* *pp* *ff*

Db. *mf* *pp* *ff*

53 *mp* *mf* *f* *f*

Ct. So So A - lo A - - - - lo.

Wash. yellow orange

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

Vib.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

Detailed description of the musical score: This page contains a vocal line for a soprano (Ct.) and a full orchestral accompaniment. The vocal line starts at measure 53 with the lyrics 'So So A - lo A - - - - lo.' and features dynamic markings of mezzo-piano (mp), mezzo-forte (mf), and forte (f). The orchestration includes a Wash. (Washing Machine) part with 'yellow' and 'orange' markings, Piccolo (Picc.), Oboe (Ob.), E-flat Clarinet (E♭ Cl.), Bass Clarinet (B. Cl.), Bassoon (Bsn.), Horn (Hn.), Trumpet (Tpt.), Trombone (Tbn.), Vibraphone (Vib.), Cymbal (Cel.), Harp (Hp.), Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), and Double Bass (Db.). The score is written in 3/4 time and consists of 10 measures on this page.

mp *ff*

Ct. *Ma - ra - ma, Ma - ra - ma, Ma - ra - ma, Ca - ne - tis.*

Wash. purple orange

LED * *

Picc. *p*

Ob.

E♭ Cl. *p*

B. Cl. *f mp*

Bsn. *f mp*

Hn.

Tpt.

Tbn. *f mp*

Vib.

Cel. *p*

Hp. $\begin{matrix} E\flat F\sharp G\flat A\flat \\ B\flat C\flat D\sharp \end{matrix}$

Vln. I *arco p*

Vln. II

Vla.

Vc. *f mp*

Db. *f mp*

63

Ct.

Wash. **3/4 purple**
4 orange

LED **3/4 off**

cross fade

purple
red

fade up to max in one colour then flash in new colour at b. 66

Picc.

Ob. *mp*

E♭ Cl. *p*

B. Cl. *p* *f* *f*

Bsn. *p* *f*

Hn. *mf*

Tpt. *mf* non sord.

Tbn. *p* *f* *mp*

Vib. *mp* Slow vib. Soft sticks

Cel.

Hp. *mf* bispbigl.

Vln. I *mf*

Vln. II *mf*

Vla. *mf*

Vc. *p* *f*

Db. *p* *f*

67

Ct. *mp* ————— *f* > *mp*
 Ku - khan - - - - - ya.

Wash. H $\frac{4}{4}$ purple
 red

LED II $\frac{4}{4}$ off

Picc. *mp* *f* *mp*

Ob. *p* *mf* *f* *mp* *f*

E \flat Cl. *f* *f*

B. Cl. *ff*

Bsn. *mp* *ff*

Hn. *p*

Tpt. *p*

Tbn. *p* ————— *f* *ff* *mf* *f*

Vib.

Cel.

Hp. *ff* > *mf* bispbigl.

Vln. I *p* sub. ————— *mf* *p* ————— *f*

Vln. II *p* sub. ————— *mf* *p* ————— *f*

Vla. *p* sub. ————— *mf* *p* ————— *f*

Vc. *ff*

Db. *ff*

72 *mp* *f* *p* *mf* *fp*

Ct. Dzwi - - - - ek. Lum - iere,

Wash. $\text{H } \frac{4}{4}$ purple red

LED $\text{II } \frac{4}{4}$ off *

Picc. *mf* *f*

Ob. *mp* *p* *mf*

E♭ Cl. *f* *mp*

B. Cl. *f* *f*

Bsn. *ff* *p* *f*

Hn. *ff* *mf*

Tpt. *ff* *mf*

Tbn. *ff* *p* *f*

Vib.

Cel.

Hp. *ff* *mf* *ff* *mf* bispbigl.

Vln. I *mp* *ff* *mp* *fp* *p*

Vln. II *mp* *ff* *mp* *fp* *p*

Vla. *mp* *ff* *mp* *fp* *p*

Vc.

Db.

76 *f*

Ct. Ca - - ne - - tis. *mp* Phos, Phos, Phos. *f*

Wash. purple red

LED off *

Picc. *mf* *f*

Ob. *ff*

E♭ Cl. *f*

B. Cl. *mp* *p*

Bsn. *f*

Hn.

Tpt.

Tbn. *ff*

Vib. Bass Drum Soft mallet I.v. *mp* *p*

Cel. *pp* *ff* *p* *f* *p*

Hp. *ff* *mp* *ff* *mp* *f* *bisbigl.*

Vln. I *mp* *ff* *gliss.*

Vln. II *mp* *ff* *gliss.*

Vla. *mp* *ff* *gliss.*

Vc.

Db.

80 *f* *mf*

Ct. *f* *mf*
Go - lau. Llum.

Wash. purple red

Picc. *p* 3

Ob.

E♭ Cl.

B. Cl. *ff* *mf*

Bsn. *ff* *mf*

Hn.

Tpt. *fp* senza sord.

Tbn. *ff* *mf*

B. D. *f* l.v.

Cel. *f* *p* *f* *p* *ff*

Hp. *mp* E#F#G#A# B♭C♭D#

Vln. I. *pizz.* *p* *f* *arco* *mp* 5

Vln. II. *pizz.* *pp* *mp* *f* *arco* *mp* 5

Vla. *pizz.* *pp* *mf*

Vc. *ff*

Db. *ff*

84

Ct. *mf* *f* *mp*
I - sik, Hi - ka - ri, Licht. Ge - luid, I - san - di,

Wash. H $\frac{3}{4}$ yellow
 $\frac{4}{4}$ red

LED H $\frac{3}{4}$ * $\frac{4}{4}$

Picc. *p* *mf*

Ob. *p*

E♭ Cl. *mf*

B. Cl. *ff*

Bsn. *ff*

Hn. *fp* *fp*

Tpt. *fp*

Tbn. *ff*

B. D.

Cel.

Hp.

Vln. I *ff*

Vln. II *ff*

Vla.

Vc. *ff*

Db. *ff*

Ct. *Ses.*

Wash. $\frac{4}{4}$ yellow
 $\frac{4}{4}$ red

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

91 *mp* *mf* *f* *mf*

Ct. I - - - chos, Lux. Lux. I - chos, Lux,

Wash. yellow green yellow green/orange

LED * * *

Picc. *f*

Ob. *p*

E♭ Cl. *f*

B. Cl. *f*

Bsn. *f*

Hn. *fp*

Tpt. *fp*

Tbn. *f*

S. D. Snare Drum *mp*

Cel. *f*

Hp. *mp*

Vln. I *f*

Vln. II *f*

Vla. arco *mp*

Vc. *f*

Db. *f*

94 *p* *f* *ff*

Ct. *Lek - - - ki.*

Wash. *ye gr/or ye/bi gr/or ye/bi/pu gr/or ye/bi/pu/re gr/or/re*

LED *off * * * * **

Picc. *ff*

Ob. *ff*

E♭ Cl. *ff*

B. Cl. *mf p ff*

Bsn. *mf p ff*

Hn. *fp mf ff*

Tpt. *mf ff*

Tbn. *mf p ff*

S. D. *mf f*

Cel. *ff*

Hp. *ff*

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *mf arco p ff*

Db. *mf arco p ff*

97

Ct.

Wash. ff red green ff red green ff red green ff blue green ff blue green

Par. ff ff ff ff ff ff

box=all lights at brightest

fade up to max then fade down to off

Picc. fff

Ob. fff

E♭ Cl. fff ff p ff

B. Cl. mf ff p ff

Bsn. fff ff p ff

Hn.

Tpt.

Tbn.

Bass Drum

Heavy mallet at edge of drum
Compact sound, but still resonant

B. D. fff

Cel. mp

Hp. $\text{F}\#\text{Gb}$

Vln. I fff ff p ff

Vln. II fff

Vla. ff p ff

Vc. fff

Db. fff ff p ff fff ff p ff

Ct.

Wash.

Par.

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

3.2

3.2

116

111

Ct.

Wash.

LED

Par.

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

118 *fp* *f* *mf*

Ct. Son. Lys. Lys.

Wash. yellow green constant fade up to b. 125 fade down to off

LED green * * held single light with other lights flashing single light constant fade up to b. 125 fade down to off

Picc. *fff*

Ob.

E♭ Cl. *fff*

B. Cl.

Bsn.

Hn.

Tpt.

Tbn. *p* *f*

B. D.

Cel.

Hp.

Vln. I *fff*

Vln. II *fff*

Vla.

Vc. *p* *f* approximate pitch

Db. *f* approximate pitch

128

mf *p* *mf* *p* *mf*

Ct. stage left green, no light from stage right Light. Light, Licht... So...

Wash. **II off** blue green **5 off** green

LED **II off** flashing lights back and forth then sudden flash from all LEDs

Par. **II off**

Picc. *mp*

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn. *p*

Tpt.

Tbn.

B. D.

Cel. *mp*

Hp.

Vln. I *mp*

Vln. II *mp*

Vla. *p* IV

Vc. *p* IV

Db. *p*

pulsating blue light (stage right)
against steady green light (stage left) steady light at b. 140

Wash. II 2/4 **off** green 3/4 blue green 6/8 blue green 2/4 **off** 3/4 4/4 9/8 **off** blue orange 3/4

LED II 2/4 **off** 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4

Par. II 2/4 **off** 3/4 6/8 2/4 3/8 2/4 **off** 3/4 4/4 9/8 4/4 3/4

Picc. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *fff*

Ob. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *fff*

E♭ Cl. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *fff*

B. Cl. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *f*

Bsn. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *f*

Hn. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *pp* *f* *fff* *fff*

Tpt. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *fff* *fff*

Tbn. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *fff* *fff* *p*

B. D. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *p* *mp* *p* *f* *p* *ff* *mp* *fff* *at edge, as before*

Cel. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *mp*

Hp. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4

Vln. I 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *f* *p* *mp* *p* *f* *p* *ff* *mp* *fff*

Vln. II 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *f* *p* *mp* *p* *f* *p* *ff* *mp* *fff*

Vla. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *f* *p* *mp* *p* *f* *p* *ff* *mp* *fff* *IV* *p*

Vc. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *f* *p* *mp* *p* *f* *p* *ff* *mp* *fff*

Db. 2/4 3/4 6/8 2/4 3/8 2/4 3/4 4/4 9/8 4/4 3/4 *f* *p* *mp* *p* *f* *p* *ff* *mp* *fff*

148

mp < *f* *p* < *mf* *mp* ————— *f*

Ct. *mp* *f* *p* < *mf* *mp* *f*
 Ku-khan - ya, Ku- kha... (n-ya) Ku-khan - ya!

Wash. II 3/4 blue orange

LED II 3/4 off * * * *

Par. II 3/4 off

Picc. *mf* ————— *ff*

Ob. *f*

E♭ Cl. *f* *p* ————— *mf*

B. Cl. *f*

Bsn. *f*

Hn. *f*

Tpt. *f* *p*

Tbn. *f*

B. D.

Cel. *f* *p* ————— *ff*

Hp.

Vln. I *p* IV

Vln. II

Vla. *f*

Vc.

Db.

Ct.

Wash.

LED

Par.

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

163

Ct. *f* *Ca - ne - tis.*
 Wash. fade to max then suddenly cut off fade to max then sudden cut to min, then immediately fade to max again
 Par. *ff* * * * * *
 Picc.
 Ob.
 Eb Cl.
 B. Cl.
 Bsn.
 Hn.
 Tpt.
 Tbn.
 B. D.
 Cel. *mp*
 Hp.
 Vln. I *pizz.* *ff*
 Vln. II *pizz.* *ff*
 Vla. *fp* *ff* *fp* *ff* *fp* *ff* *fp* *ff*
 Vc. *fp* *ff* *fp* *ff* *fp* *ff* *fp* *ff*
 Db. *fp* *ff* *fp* *ff* *fp* *ff* *fp* *ff*

169 *mf*

Ct. *mf* | - | - | 5/4 sik, | 3/4 Hi - ka - ri.

Wash. **off** yellow orange | **off** yellow orange | 5/4 | 3/4

LED **off** | 1/4 | 5/4 *** | 3/4 * * *

Par. **off** | 1/4 **off** | 5/4 **off** | 3/4

Picc. *f* | *ff* | - | -

Ob. *f* | *ff* | - | -

E♭ Cl. *f* | *ff* | - | -

B. Cl. | - | - | 5/4 *f* - *p* | 3/4 *ff* - *p*

Bsn. | - | - | 5/4 | 3/4

Hn. | - | - | 5/4 | 3/4

Tpt. | - | - | 5/4 | 3/4

Tbn. | - | - | 5/4 | 3/4

B. D. | 7/8 | 1/4 | 5/4 *p* | *ffp* | *p*

Cel. *mp* | - | - | 5/4 | 3/4

Hp. | - | - | 5/4 | 3/4

Vln. I *f* - *p* - *ff* - *p* (arco)

Vln. II | - | - | 5/4 | 3/4

Vla. | - | - | 5/4 | 3/4

Vc. | - | - | 5/4 | 3/4

Db. *f* - *p* - *ff* - *p*

173

Ct.

Wash. **off**

Picc. *f* *mp* *mf* *p*

Ob. *mp* *pp* *f* *p* *ff*

E♭ Cl. *f* *p* *ff* *p* *f*

B. Cl. *f* *p*

Bsn. *ff* *mp* *mf* *p*

Hn. *mf* *p* *mf* *p* *mf*

Tpt. *mf* *pp* *f* *mp* *mf*

Tbn.

B. D.

Cel. *mf* *p* *mp* *f*

Hp.

Vln. I

Vln. II *f* *p* *ff*

Vla. *f* *p* *f* *mp* *ff*

Vc. *f* *p*

Db. *p*

176

Ct. *mf* I - - sik, Hi - ka ri.

Wash. **off** purple orange

LED **off** *** ** * ** * * *

Picc. *mp* *p*

Ob. *p*

E♭ Cl. - - - - -

B. Cl. *f* *p* *ff* *p*

Bsn. *f* *p* *ff* *p*

Hn. - - - - -

Tpt. *p*

Tbn. - - - - -

B. D. *p* *ffp*

Cel. *p*

Hp. - - - - -

Vln. I *f* *p* *ff* *p*

Vln. II *p*

Vla. *p*

Vc. - - - - -

Db. *f* *p* *ff* *p*

180

Ct.

Wash. **off**

Picc. *f* *mp* *mf* *p* *mp* *p* *f* *mp*

Ob. *ff* *p* *mp* *pp* *mf* *p*

E♭ Cl. *f* *p* *ff* *p* *f*

B. Cl. *f* *mp*

Bsn.

Hn. *mf* *p* *mf*

Tpt. *f* *mp* *mf* *p*

Tbn.

B. D.

Cel. *mp*

Hp.

Vln. I

Vln. II *ff* *pp* *f* *p*

Vla. *ff* *pp* *ff* *p*

Vc. *ff* *pp* *f* *p*

Db.

183 *mp*
Ct. I... (sik.)

Wash. **off** purple red **off** purple orange

Par. **off**

Picc. *f* *mp* *p*

Ob. *ff* *p* *ff* *p*

E♭ Cl. *f* *p*

B. Cl. *ff*

Bsn. *ff*

Hn.

Tpt.

Tbn.

B. D. Heavy mallet at edge as before *fff*

Cel. *mp*

Hp. *p* *ff* *p*
multiple descending glissandi getting slower and overall descending in pitch

Vln. I *f*

Vln. II *mp* *p*

Vla. *mp* *p*

Vc. *mp* *p*

Db. *ff*

E♭F♯G♯A♭
B♭C♯D♯

C♯D♭

mp ————— *mf* *mf* ————— *p*

188

Ct.

Wash.

LED

Par.

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

2.2.3

still, (♩ = 84)

197

Ct.

Wash.

LED

Par.

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

206

Ct.

Wash. **red green** **blue green**

LED **|| * ** * * * ** * * * ** * * * * * * * ***

Picc. *pp* *ff*

Ob. *pp* *ff*

E♭ Cl. *pp* *ff*

B. Cl. *pp* *ff*

Bsn. *p* *ff*

Hn. *pp* *ff*

Tpt. *pp* *ff*

Tbn. *pp* *ff*

Vib. *ff*

Cel.

Hp.

Vln. I *pp* *ff*

Vln. II *pp* *ff*

Vla. *pp* *ff*

Vc. *pp* *ff*

Db. *pp* *ff*

trem. molto flautando

arco

216

Ct.

Wash.

LED

Par.

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

Vib.
Heavy mallet at edge as before

Cel.

Hp.
bispbigl.

Vln. I

Vln. II

Vla.

Vc.

Db.

228

Ct.

Wash. **blue**
orange

LED ***** ** ** ** ****

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn. *pp*

Hn.

Tpt.

Tbn. *p*

B. D.

Cel.

Hp. *bisbigl.*
p

Vln. I

Vln. II

Vla.

Vc.

Db.

239

Ct.

Wash.

LED

Par.

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

ff, *mf*, *pp*, *fff*, *mp*, *ff fp*, *f*, *B#*, *l.v.*

249 2.2.3

Ct. $\frac{3}{4}$

Wash. $\frac{3}{4}$ **off** yellow orange $\frac{7}{8}$ $\frac{5}{4}$ purple orange $\frac{4}{4}$

LED $\frac{3}{4}$ **off** $\frac{7}{8}$ * * * * * $\frac{5}{4}$ * * * * * $\frac{4}{4}$ * * * * *

Par. $\frac{3}{4}$ **off** $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ **off**

Picc. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Ob. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

E♭ Cl. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

B. Cl. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Bsn. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Hn. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Tpt. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Tbn. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

B. D. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Cel. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Hp. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Vln. I $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Vln. II $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Vla. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Vc. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Db. $\frac{3}{4}$ $\frac{7}{8}$ $\frac{5}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

keep interval constant, bracket noteheads indicate approximate pitch

keep interval constant, bracket noteheads indicate approximate pitch

keep interval constant, bracket noteheads indicate approximate pitch

keep interval constant

bracket noteheads indicate approximate pitch

257 *p*

Ct. [o]

Wash. II off

LED II off * * * * *

Par. II off

swell on stage left only

red

(stage right only) purple

Picc. *ff* *pp* *ff* *ff*

Ob. *ff*

Es. Cl. *ff* *pp* *ff* *ff*

B. Cl. *ff* *pp* *ff* *ff*

Bsn. *ff* *pp* *ff* *ff*

Hn. *fff*

Tpt.

Tbn. *ff* *fff*

B. D. *fff*

Cel. *f* *f* *f*

Hp. *f* *mp* *mp* *mp*

Vln. I

Vln. II

Vla.

Vc. *ff* pizz.

Db. *ff* arco *f*

271

Ct.

Wash. **II 4/4 off** (stage left only) **off** **off** (stage left then stage right) **purple** **off**

LED **II 4/4**

fading lights with string glissandi
Vln. II=Green/Va.=Orange/Vc.=Yellow

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn. *pp*

Hn.

Tpt.

Tbn.

B. D. **II 4/4**

Cel.

Hp.

Vln. I *pp*

Vln. II *mf* *p* *mf* *p* *mf* *p* *mf*

Vla. *mf* *p* *mf* *p* *mf* *p* *mf* *p* *mf*

Vc. *mf* *p* *mf* *p* *mf* *p* *mf*

Db.

seagull effect sul A

arco seagull effect sul A

279

Ct.

Wash. **off** purple purple **off**

LED constant low light red green blue green blue orange

Picc. *ff* *ff*

Ob. *ff* *p*

E♭ Cl. *ff* *ff*

B. Cl. *ff* *ff*

Bsn. *f* *ff* *p*

Hn. *ff* *ff*

Tpt. *ff* *ff*

Tbn. *p* *ff*

B. D. II

Cel.

Hp.

Vln. I *f*

Vln. II *p* *f* *p* *f* *mp* *ff*

Vla. *p* *f* *mp* *ff*

Vc. *p* *f* *mp* *ff*

Db. *f*

288

Ct.

LED
constant low light
yellow orange purple orange purple red yellow red

Picc.
ff *p* *ff*

Ob.
ff *p* *ff*

E♭ Cl.
ff *p* *ff* *p* *ff*

B. Cl.
ff *ff*

Bsn.
ff *ppp* *ff* *p*

Hn.
ff *ff* *p*

Tpt.
p *ff* *ff*

Tbn.
ff *ff* *ppp* *ff*

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

300 *pp*

f

Ct. *Ses.*

Wash. **II 4/4 off** green

LED **II 4/4 off** green

Par. **II 4/4 off**

stage right wash only
low light level for wash and LED

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I trem. con sord
molto flautando
ppp

Vln. II pizz.
p

Vla.

Vc. IV trem. con sord
molto flautando
ppp

Db.

slow,
purposeful gliss.

310 *mp* *mf* *p* *mp* *ff*

Tang - - i. Ku - khan - - ya. Ma ra - ma, Ma - ra-ma, Ma-ra-ma, Ca- ne__ tis.

Wash.	green													blue green	green
LED	green													blue green	green

sudden bright flash of green
fading back to off

Picc.

Ob.

E♭ Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

small accent at the arrival at each new pitch

heavier, defined accents

mp

Ct. *mp* *f* *mf*

I-sik, Hi-ka-ri, Licht. Ge-luid, I-san-di, Ses.

sudden bright flash then fade to low

Wash. II green red red

LED II green red off orange off

Par. II off off

Picc.

Ob.

Eb Cl.

B. Cl.

Bsn.

Hn.

Tpt.

Tbn.

B. D.

Cel.

Hp.

Vln. I

Vln. II

Vla.

Vc.

Db.

337

Ct. *mp* ——— *f* ——— *mp*
Ku - khan - - - - - ya. _____

Wash. $\text{II } \frac{3}{4}$ yellow green $\frac{4}{4}$ off green yellow green $\frac{2}{4}$ off green yellow yellow green off yellow green $\frac{4}{4}$

LED $\text{II } \frac{3}{4}$ off $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$ $\frac{4}{4}$ green yellow flash then quick fade to min.

Par. $\text{II } \frac{3}{4}$ off $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$ $\frac{4}{4}$

Picc. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

Ob. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

E♭ Cl. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

B. Cl. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

Bsn. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

Hn. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

Tpt. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

Tbn. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

B. D. $\text{II } \frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

Cel. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

Hp. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

Vln. I \flat \flat \flat \flat \flat \flat \flat

Vln. II trem. con sord molto flautando *ppp* p pp mp p mf p

Vla. trem. con sord molto flautando *ppp* p pp mp p mf p

Vc. p pp mp p mf p

Db. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{2}{4}$ $\frac{4}{4}$

344 *mp* *f* *p* *mf fp* *f* *pp*

Ct. *Dzwi - - - ek. Lum - iere, Ca - ne - - tis.*

Wash. *yellow green* $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$ **off**

LED **off** $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ *green/yellow* $\frac{4}{4}$ **off**

Par. **off** $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

stage right fades to max.
stage left holds at min.

some bars fade to max.
some hold at min.

Picc. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

Ob. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

E♭ Cl. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

B. Cl. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

Bsn. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

Hn. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

Tpt. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

Tbn. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

B. D. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

Cel. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

Hp. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$

Vln. I *gliss.* *p sub.*

Vln. II *fp* *p* *mp* *f* *gliss.* *p sub.*

Vla. *fp* *p* *mp* *f* *gliss.* *p sub.*

Vc. *fp* *p* *mp* *f* *gliss.* *p sub.*

Db. $\frac{3}{4}$ $\frac{4}{4}$ $\frac{6}{8}$ $\frac{4}{4}$